Continuum

Powered By Innovatix Technology Partners

Continuum – User Guide

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innovatix
TECHNOLOGY PARTNERS › Innovative Solutions

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1 About this Guide

This user guide is designed to help you get the most out of **Continuum**, whether you're a first-time user exploring the basics or an experienced tester integrating AI into your daily workflow.

It serves as a **practical reference** — concise enough to use on the job and detailed enough to guide you through each feature, from setup to advanced configuration. Each section includes:

- **Step-by-step instructions** for every major function
- **Examples and pro tips** to improve accuracy and efficiency
- **Troubleshooting guidance** for common issues
- **Best practices** to ensure secure and optimized use

You can read it end-to-end to build a complete understanding or jump directly to the topic you need using the Table of Contents.

This guide will be updated regularly as new features are released, ensuring you always have the latest information and workflows at your fingertips.

2 Application Overview

Welcome to Continuum — an intelligent productivity hub built for the people who make software work: developers, QA engineers, project managers, and business analysts.

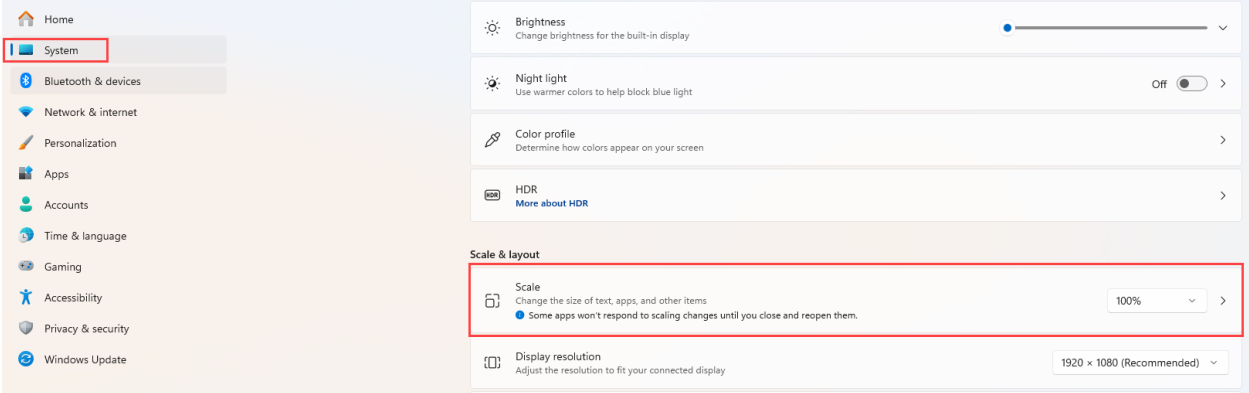
Continuum brings together a powerful suite of AI-driven testing and documentation tools designed to help teams move faster without sacrificing quality. From transforming business requirements into developer-ready specifications to generating test cases, automation scripts, bug reports, and realistic data — everything you need lives under one streamlined platform.

Whether you're kicking off a new project, enhancing regression coverage, or scaling automation, Continuum eliminates repetitive manual steps so you can focus on analysis, validation, and delivery.

This guide is your complete companion — from your first login to advanced power-user workflows. Use it to learn features, explore best practices, and unlock how AI can simplify and accelerate every stage of your testing lifecycle.

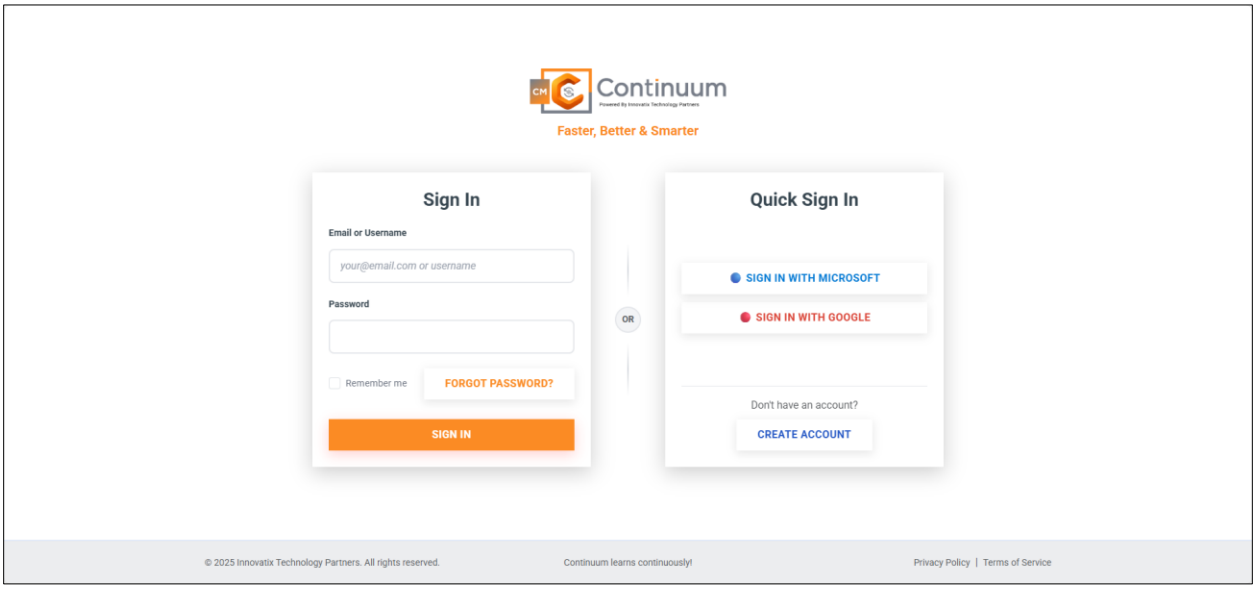
3 Prerequisites

Ensure that the Windows display scaling (**Settings > System > Display > Scale**) is set to **100%** for optimal screen resolution and layout accuracy.



4 Login

To access Continuum type the application URL (https://continuum.innovatixinc.com/login) in the browser address bar. The Continuum login screen is displayed.

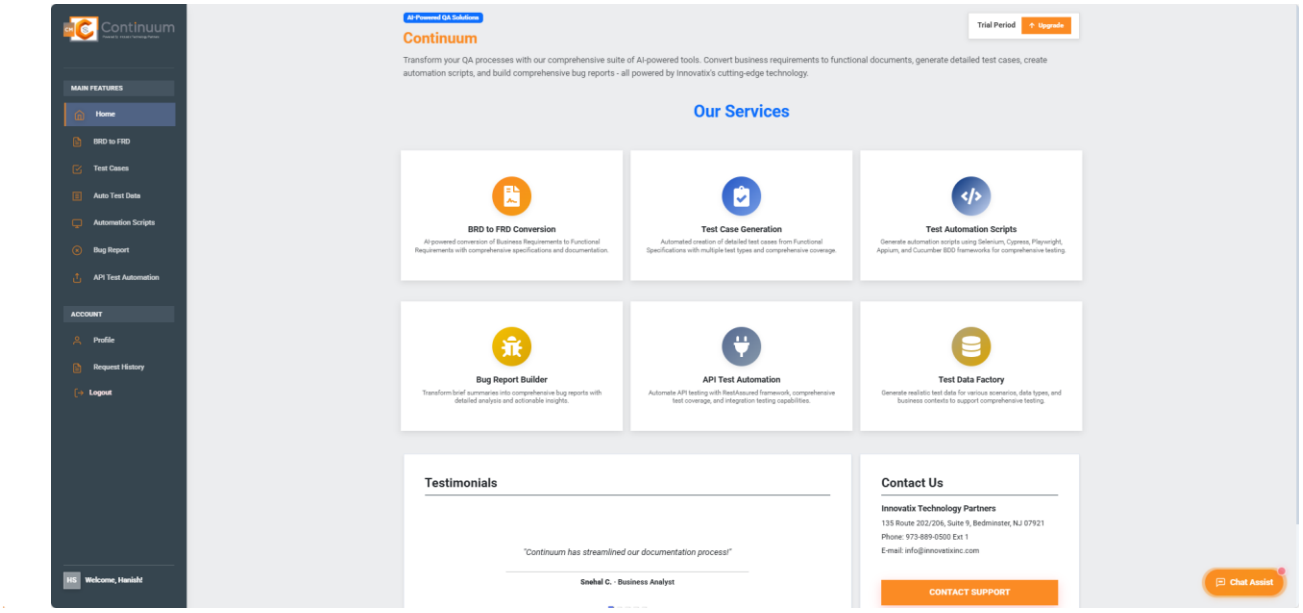


You can login using **Sign In** or **Quick Sign In**.

4.1 Logging into the Continuum application using Sign In

The following steps show how you can login to Continuum using **Sign In** and reset password and create an account.

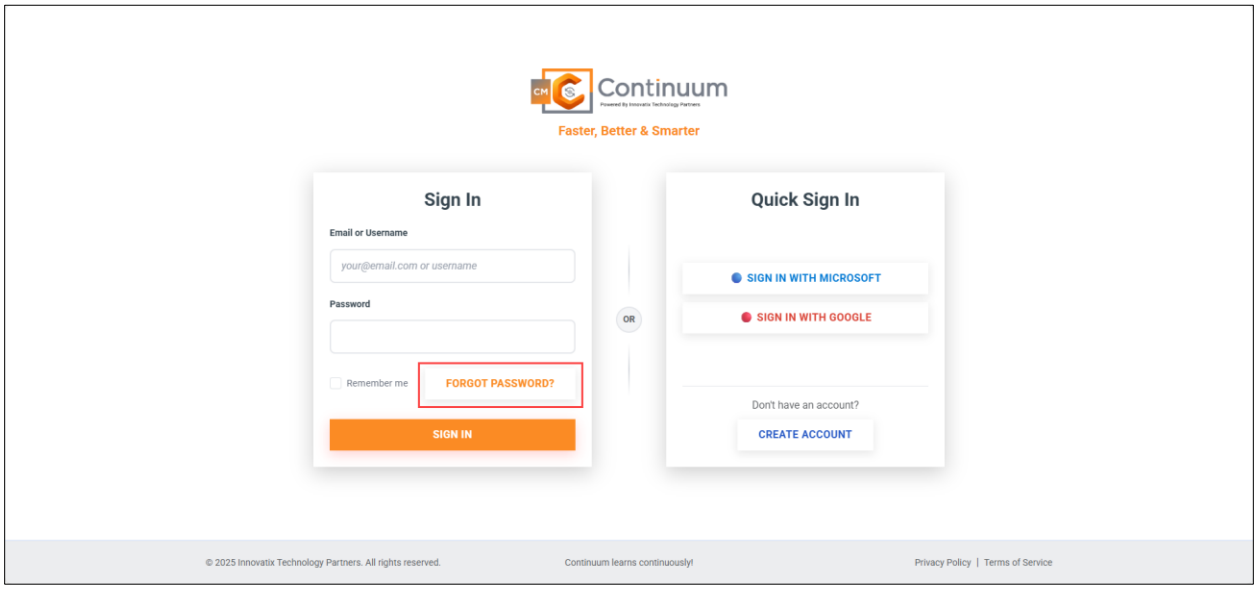
1. Enter the **Email or Username** and **Password** and click **Sign In** to login to the Continuum application.



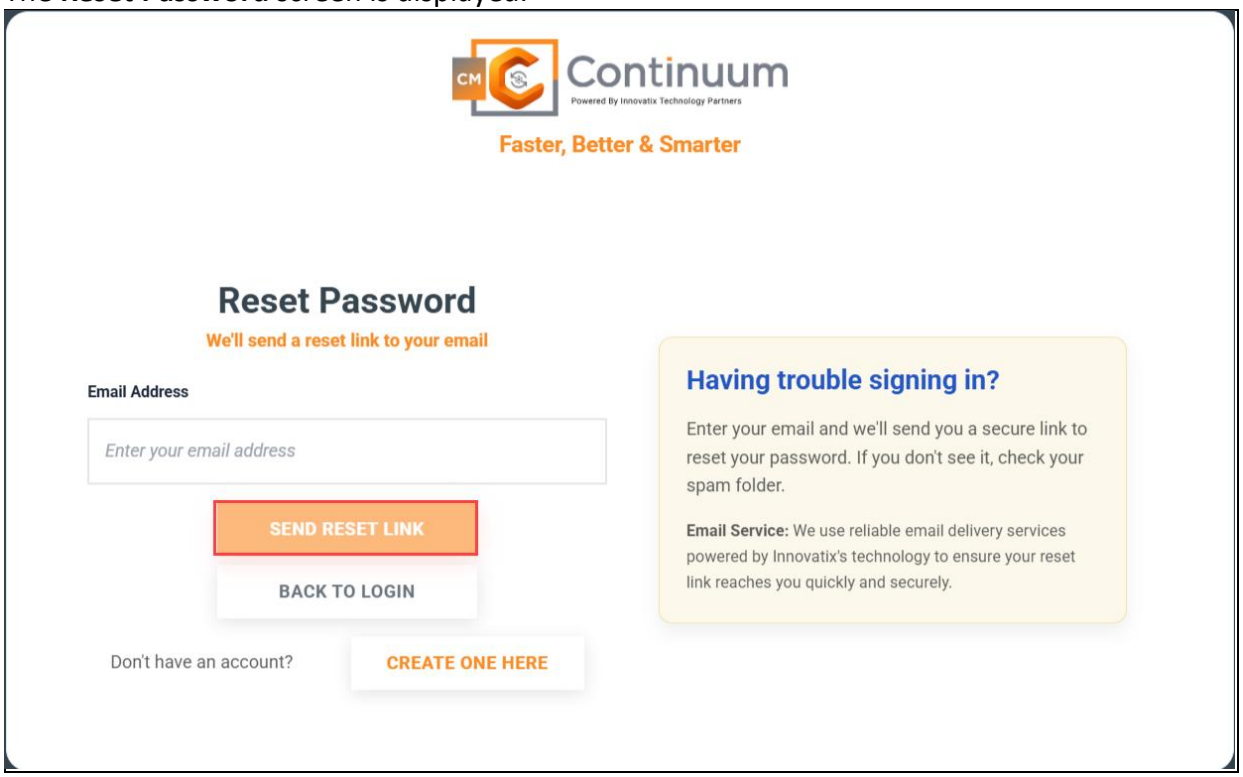
4.1.1 Reset Password

The following steps show how you can reset the password in Continuum application.

2. Click **Forgot Password?** if you forgot the password.



The **Reset Password** screen is displayed.

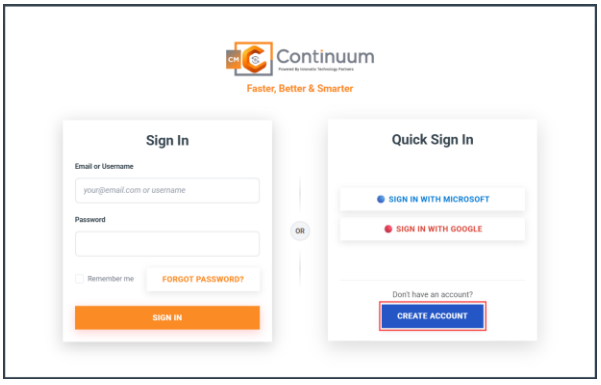


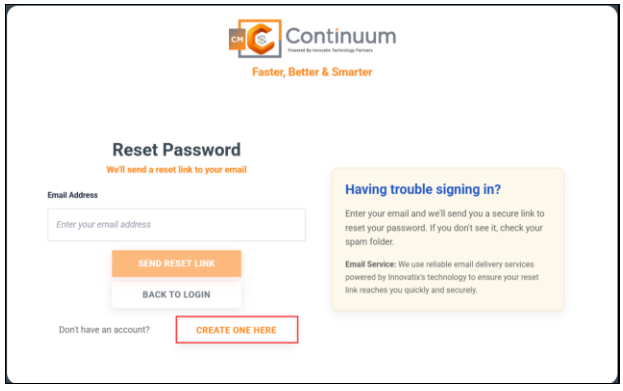
3. Enter the **Email Address** and click **Send Reset Link**. A password recovery mail is sent to the email id containing a secure link to reset your password.

4.1.2 Create an Account

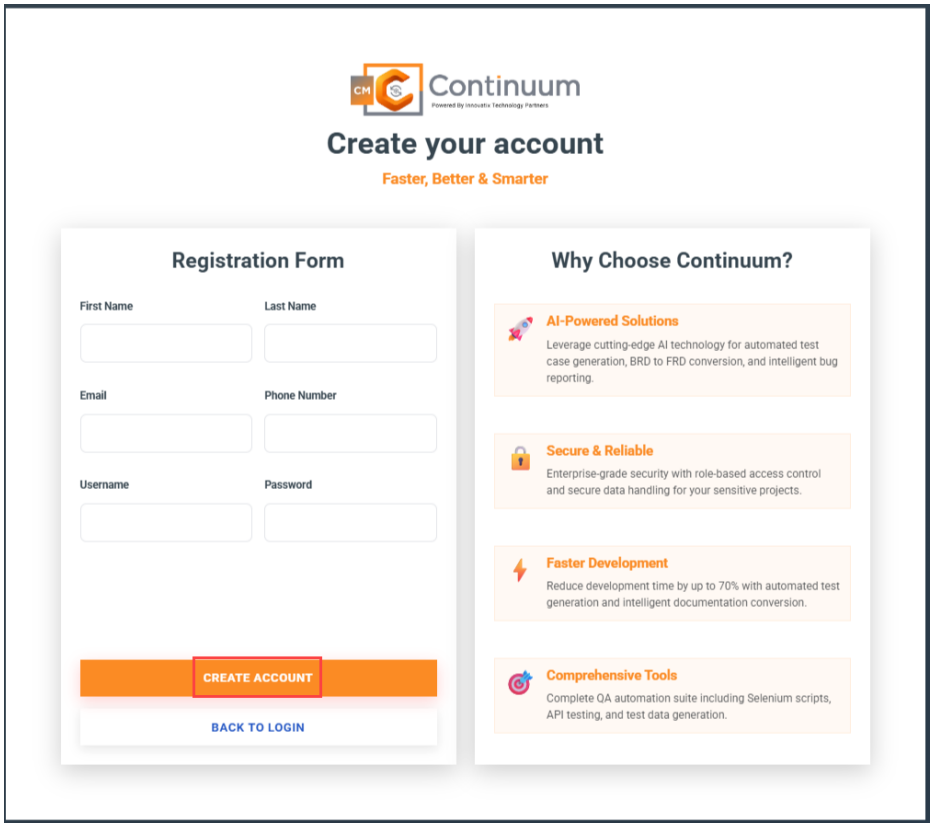
The following steps show how you can create an account in Continuum application.

1. Click Create Account from the Quick Sign In page or Create One Here from the Reset Password page.

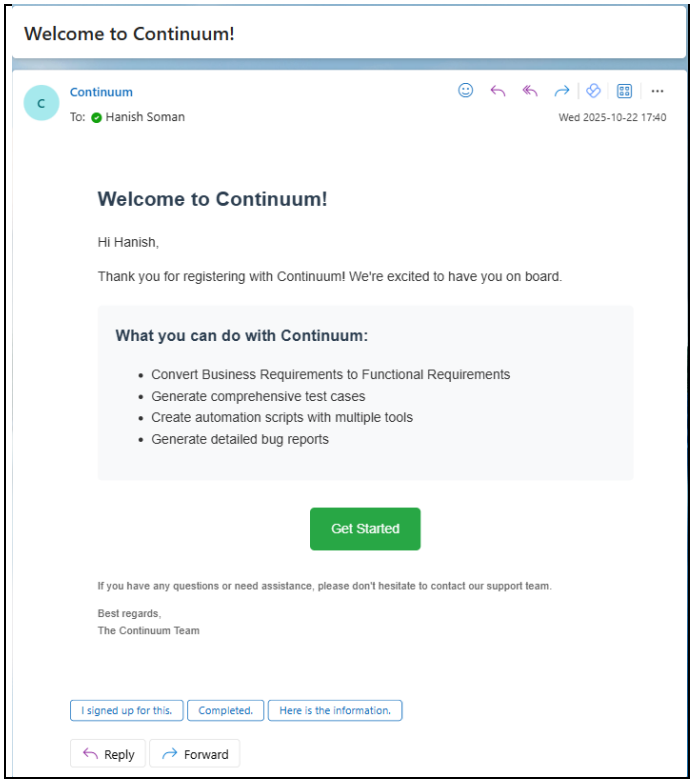




This displays the **Create your account** screen. Enter the **Registration Form** having the **First Name**, **Last Name**, **Email**, **Phone Number**, **Username**, **Password**, **Role**, and **Department**.



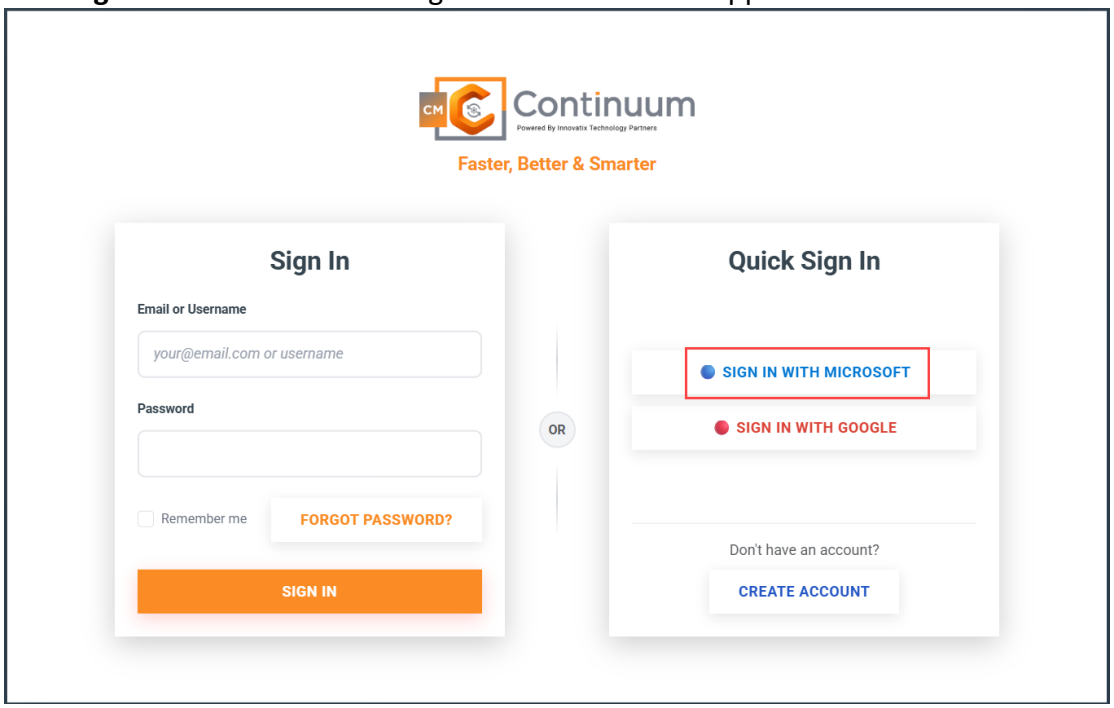
2. Click **Create Account** sends an email to login to the Continuum using the provided Username and Password.



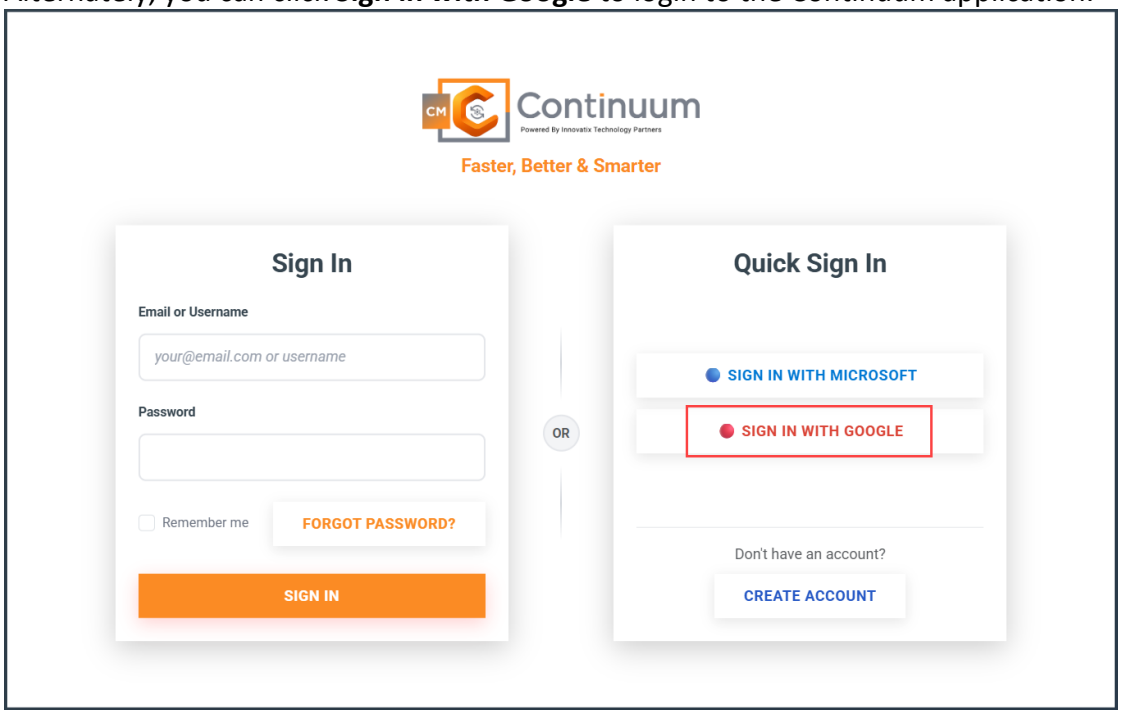
4.2 Logging into the Continuum application using Quick Sign In

The following steps show how you can login to Continuum using **Quick Sign In** and create a new account.

1. Click **Sign in with Microsoft** to login to the Continuum application.



2. Alternately, you can click **Sign in with Google** to login to the Continuum application.



3. Click **Create Account** to create an account as provided in the above Create an Account section.

5 Pricing Plan and Billing

This section explains the different subscription tiers available in Continuum, including details of the **Trial Plan**, **Free Plan**, and **Standard (Paid) Plan**. It also describes how users can upgrade, view billing details, download invoices, and update profile.

Pricing Summary

Plan Type	Tokens	Duration	Cost	Renewal	Access
Trial Plan	3,000,000	15 days	Free	Non-renewable	Full access
Free Plan	1,000,000	30 days	Free	Auto-renews monthly	Full access
Standard Plan	7,000,000	30 days	$10/month	Manual renewal	Full access

Each account begins with a **trial period**, after which users can continue using Continuum under the **Free Plan** or upgrade to a **Standard Plan** for additional capacity and features.

Example Workflow - Scenario

A new user signs up for Continuum.

1. The user is automatically placed on the **Trial Plan (3M tokens / 15 days)**.
2. After 15 days (or after tokens are exhausted), the trial ends.
3. The user converts to the **Free Plan (1M tokens/month)** through **Profile > Switch to Free Plan**.
4. If the user wants to upgrade, they click **Upgrade Plan**, make a payment, and switch to the **Standard Plan (7M tokens/month for $10)**.
5. The user receives a confirmation email and can download the **invoice** under **Billing**.

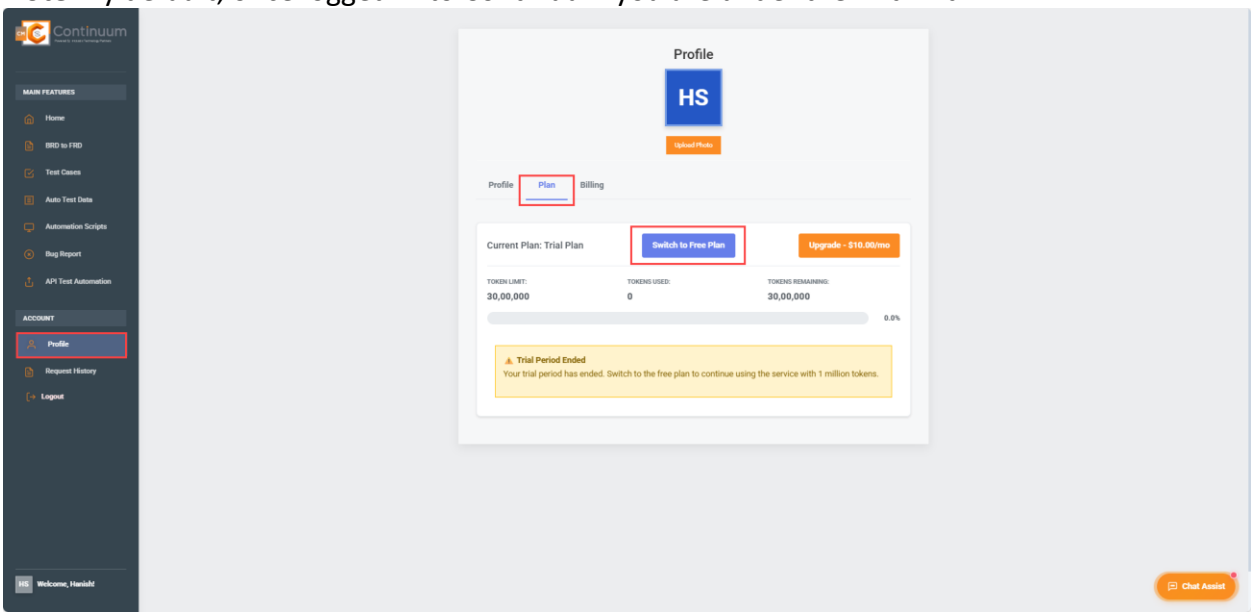
5.1 Trial Plan

1. When a new user signs up, they are automatically enrolled in a **Trial Plan** that provides the following benefits:

Feature	Description
Token Allocation	3,000,000 tokens
Duration	15 days
Expiration Condition	The trial ends when either the 3 million tokens are consumed or 15 days have passed, whichever occurs first
Access Level	Full feature access equivalent to a standard user

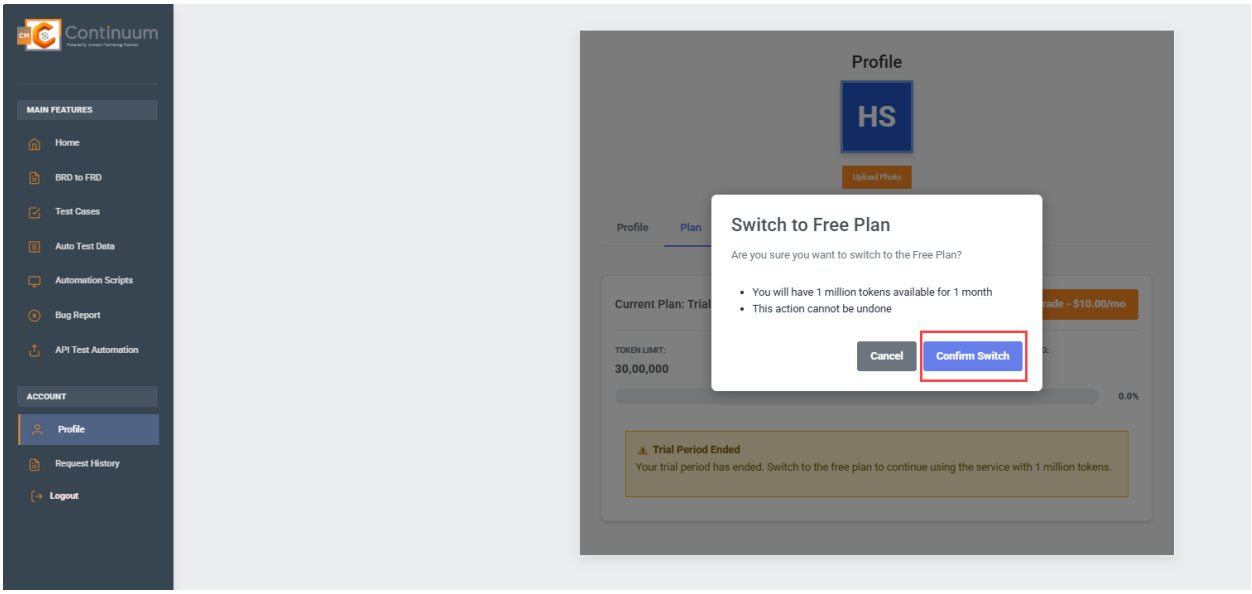
2. Once logged in navigate to **Profile > Plan** tab to view the **Trial Plan** details.

Note: By default, once logged in to Continuum you are under the **Trial Plan**.

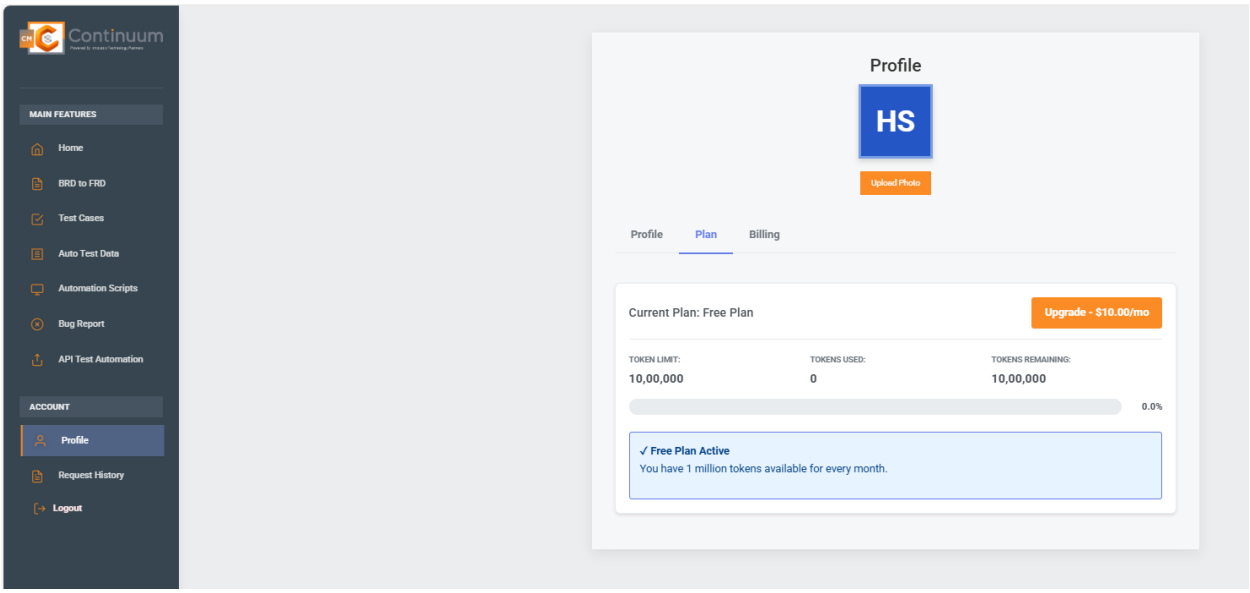


3. At the end of the trial:
   - The user's trial access will expire automatically.

- The user will need to manually convert their account to the **Free Plan** using the **Switch to Free Plan** button located in their **Profile > Plan** section.



- Click **Confirm Switch** to switch to the **Free Plan**.



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5.2 Free Plan

4. Once the trial period ends, users can continue with Continuum under the **Free Plan**.

Feature	Description
Token Allocation	1,000,000 tokens per month
Renewal Cycle	Automatically renews every 30 days
Access Level	Basic access to Continuum features
Upgrade Option	Users can upgrade to the Standard Plan at any time

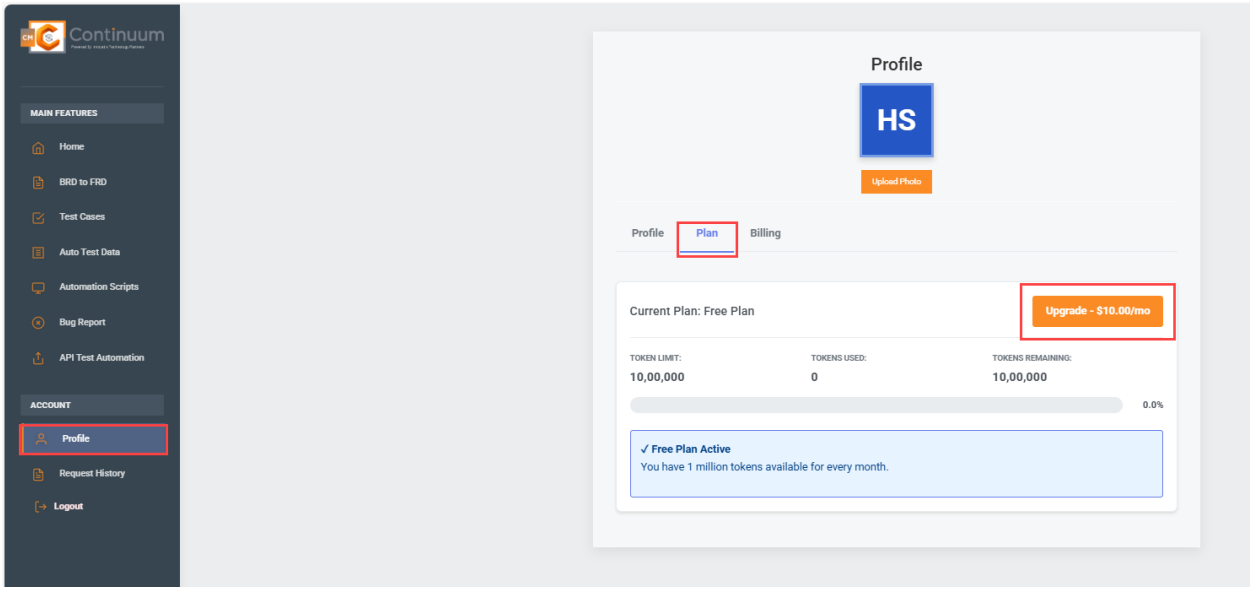
If a user consumes all their free tokens before the end of the month, further activity will be paused until the next 30-day cycle begins and tokens are replenished.

5.3 Standard (Paid) Plan

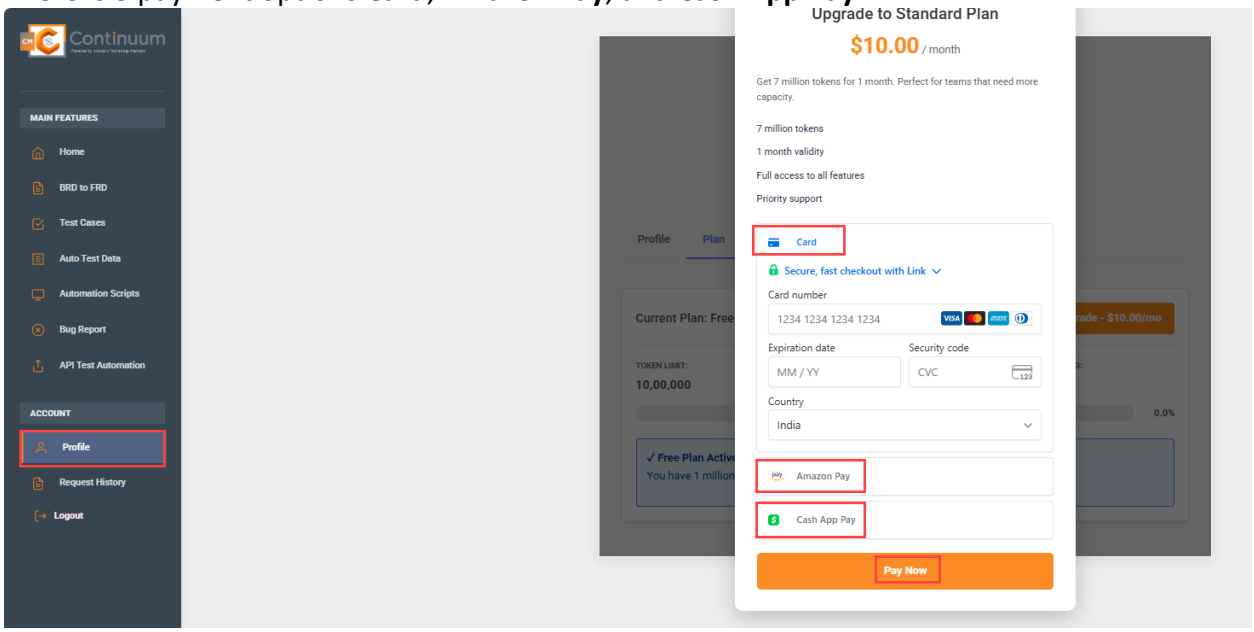
5. Users who wish to continue uninterrupted work or need additional capacity can upgrade to the **Standard Plan**.

Feature	Description
Token Allocation	7,000,000 tokens per month
Duration	30 days (renewable)
Monthly Cost	USD $10 per month
Upgrade Method	Manual upgrade through payment interface
Payment Options	Credit/Debit card

6. Click **Upgrade - $10.00/mo** standard plan.

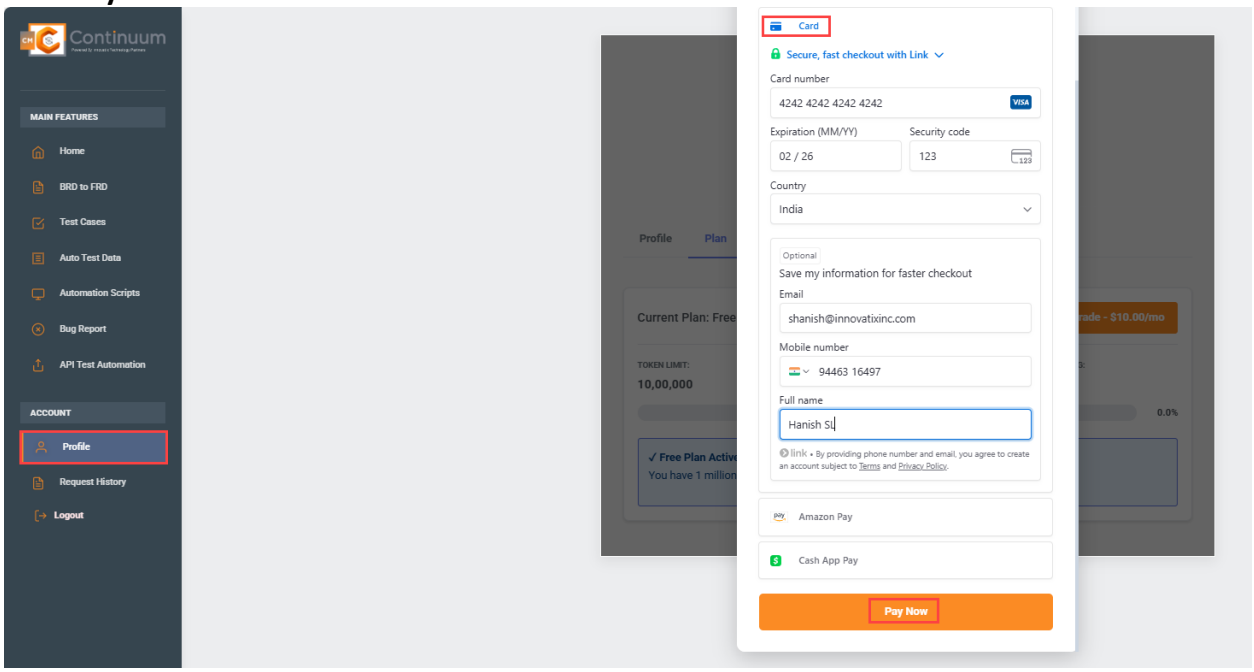


7. There is **3** payment options **Card**, **Amazon Pay**, and **Cash App Pay**.

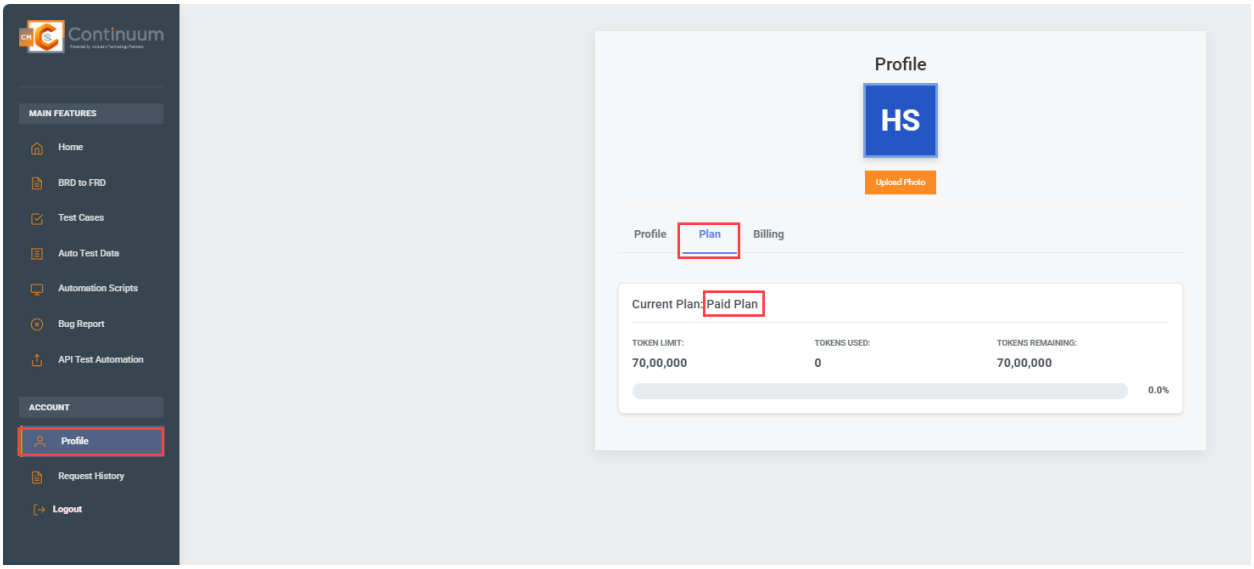


8. For **Example** - Enter **Card** payment details:
   - **Card Number:** 4242 4242 4242 4242 (for testing purposes)
   - **Expiry Date:** Any valid future date
   - **CVV:** Any 3-digit number (e.g., 123)

9. Click **Pay Now** to confirm.

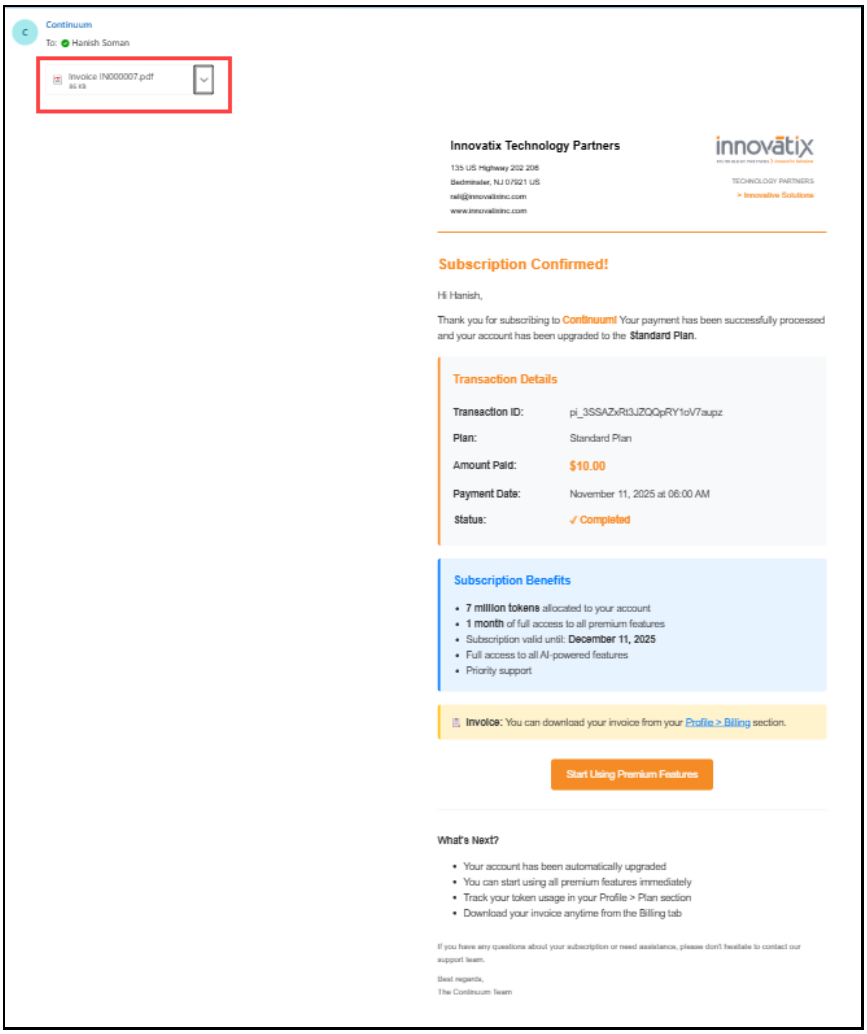


10. Once processed:
    - The plan changes from **Free** to **Standard**.



    - The token count updates to **7,000,000**.

- A **confirmation email** is sent to the registered address along with the Invoice attached.



Important Note:

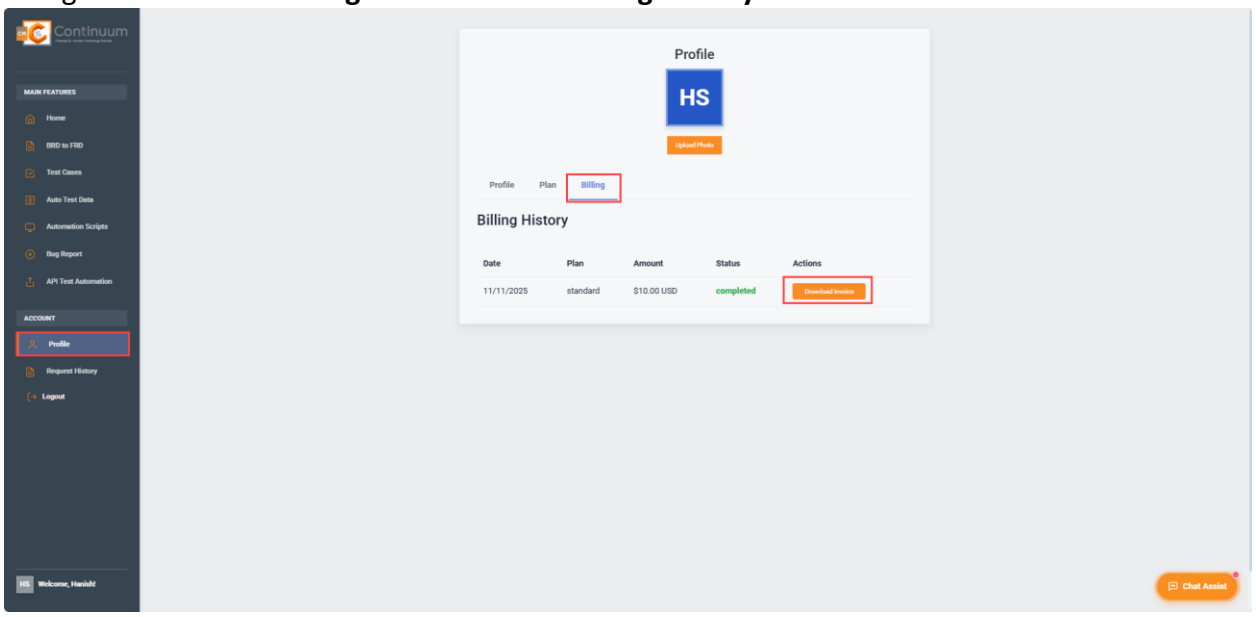
- After upgrading to the Standard Plan, the user's free plan is deactivated automatically.
- If a Standard Plan subscription expires or is canceled, the account reverts to the **Free Plan** with 1,000,000 tokens/month.
- All plan-related changes and payments trigger corresponding **email notifications**.
- Token utilization and plan details are always visible under **Profile > Plan**.

5.4 Billing and Invoicing

Users can view or download their invoices through the **Billing** section.

To view invoices:

1. Navigate to **Profile > Billing** tab to view the **Billing History**.



2. Click **Download Invoice** to save a copy locally.

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INVOICE

INVOICE IN000007
DATE 11/11/2025

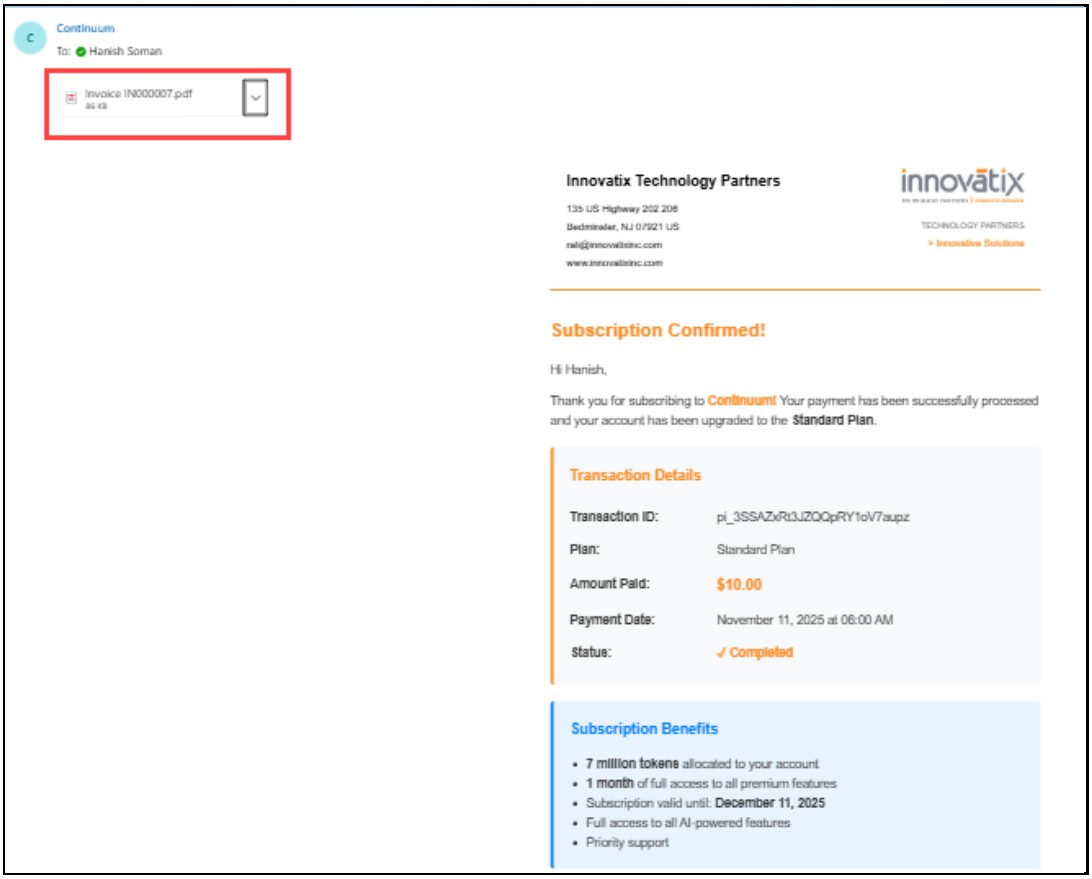
BILL TO
HANISH SL

DATE	DESCRIPTION	QTY	RATE	AMOUNT
11/11/2025	Standard Plan	1	10.00	10.00

BALANCE DUE
$10.00

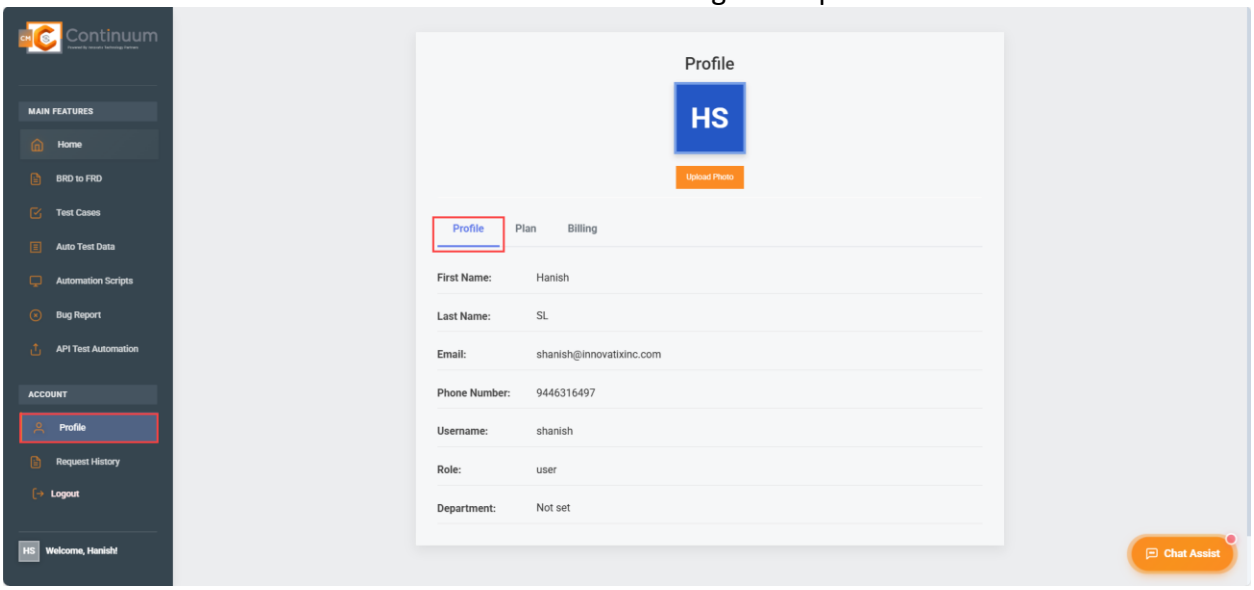
PAID

Note: An email notification is also sent upon every successful payment along with the Invoice attached as shown in point **10. Standard Plan** section.



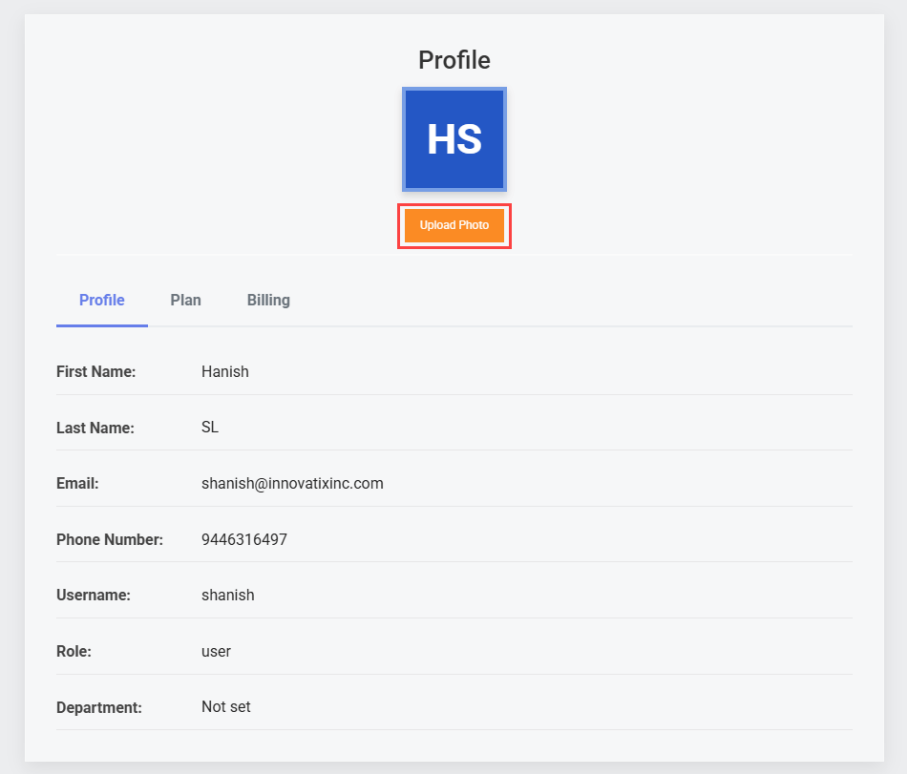
5.5 Profile

The **Profile** section in Continuum allows users to manage their personal information.



Follow these steps to set your profile:

1. Open Your Profile
   - From the **left navigation pane**, click **Profile** under **Account**.
   - Click **Change Photo** to upload a new profile image or **Remove Photo** to delete the current one.

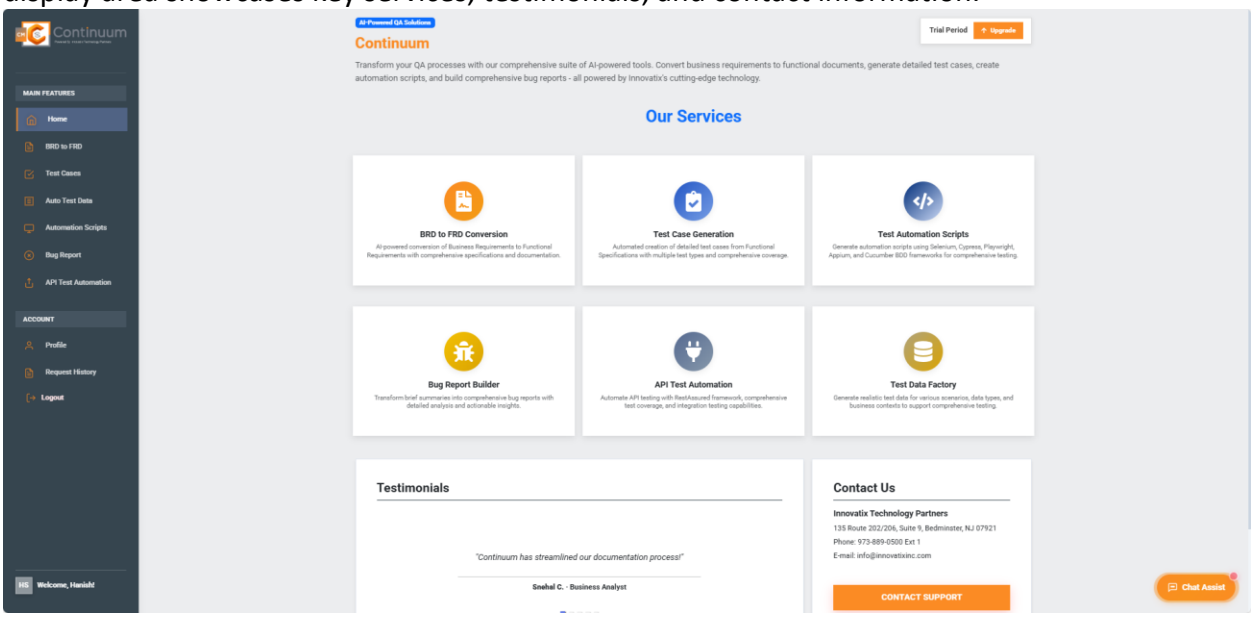


2. View Personal Information
   - View your **First Name**, **Last Name**, **Email**, **Phone Number**, **Username**, **Role**, or **Department**.

6 Continuum Dashboard

The Continuum dashboard serves as your central hub to transform QA processes — from requirement conversion to test case generation, automation scripting, data creation, and bug reporting — all in a unified interface.

The left pane navigation provides access to all main features and account settings, while the main display area showcases key services, testimonials, and contact information.



6.1 Dashboard Layout Overview

Left Navigation Pane

The left pane acts as the main control center for navigating across all Continuum functionalities.

Main Features

- **Home**
  Opens the Continuum home dashboard displaying the “Our Services” section, testimonials, and contact details.
- **BRD to FRD**
  Use this tool to automatically convert Business Requirement Documents (BRDs) into detailed Functional Requirement Documents (FRDs) using AI-based mapping and documentation intelligence.
- **Test Cases**
  Generate comprehensive test cases derived from functional requirements. The system categorizes cases by test type (functional, regression, negative, boundary, etc.) and ensures maximum coverage.

- **Auto Test Data**
  Access the Test Data Factory to generate realistic test data across business scenarios, data types, and test conditions.
- **Automation Scripts**
  Instantly generate automation scripts for frameworks like Selenium, Cypress, Playwright, Appium, and Cucumber BDD.
  Users can customize script logic, selectors, and execution environments.
- **Bug Report**
  Transform brief bug summaries into detailed reports. Each report includes:
  - Reproduction steps
  - Root cause insights
  - Screenshots or logs
  - Suggested resolutions
- **API Test Automation**
  Automate and validate REST API endpoints using the RestAssured framework. Supports integration and performance test coverage.

Account

- **Profile**
  View and edit your personal details, including name, email, and organization.
- **Request History**
  Review your previous documentation requests, download generated files, and track progress or completion status.

Logout

Safely end your session. Continuum ensures that no data or session credentials are retained after logout for enhanced security.

6.2 Main Dashboard View

Our Services Section

This section displays a tiled layout of all major services, visually representing Continuum's core features.

#	Service	Description
1	**BRD to FRD Conversion**	Convert Business Requirement Documents into detailed Functional Specifications with AI-generated clarity and structure.
2	**Test Case Generation**	Automatically generate detailed, categorized test cases ensuring full test coverage.

3	**Test Automation Scripts**	Build automation scripts compatible with multiple frameworks for robust end-to-end testing.
4	**Bug Report Builder**	Create rich, structured bug reports with AI-assisted context and analysis.
5	**API Test Automation**	Validate APIs and perform integration testing using the RestAssured framework.
6	**Test Data Factory**	Generate realistic and context-driven test data for multiple testing environments.

6.3 Getting Started – Quick Steps

1. **Login** using your assigned credentials.
2. **Navigate** to a desired feature from the left pane.
3. **Upload or input** your project files (e.g., BRD, FRD, Test Data, Scripts, Bugs).
4. **Click Generate** to initiate automated document or script creation.
5. **Review and download** your generated outputs from **Request History**.
6. **Manage your profile** and preferences under **Account > Profile**.

Main Features

7 BRD to FRD Conversion

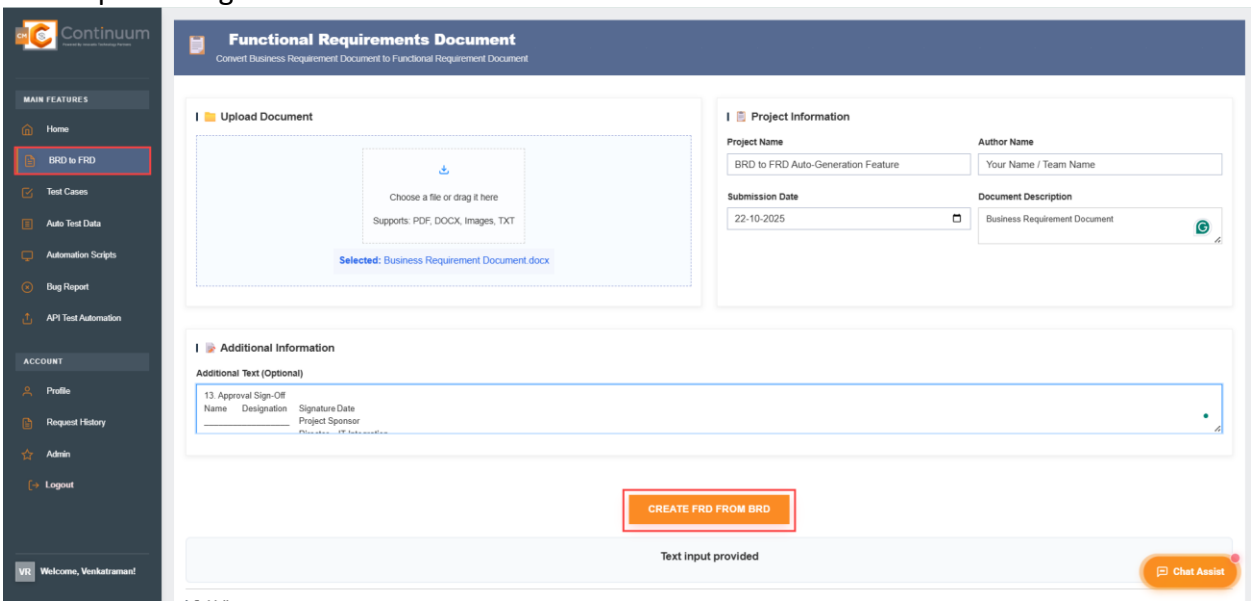
The **BRD to FRD** feature in **Continuum** allows you to automatically transform a Business Requirement Document (BRD) into a detailed Functional Requirements Document (FRD) using AI-powered analysis and structured formatting.

What you get:

- Executive summary, scope, and system overview
- Clearly defined functional requirements with business rules and validations
- Detailed use cases and user interaction flows
- Non-functional requirements covering security, performance, and availability
- Data structure and interface specifications
- Organized, clickable table of contents for easy navigation

Pro Tip:

For best results, include sample screens, workflows, or process diagrams in your BRD upload—this helps the AI generate a more accurate and context-rich FRD.



Follow these steps to create your FRD effortlessly:

7.1 Access the BRD to FRD Module

1. From the left navigation pane, click 📋 BRD to FRD under Main Features.
2. The **BRD to FRD Conversion** workspace will open with three primary sections:
    - Upload Document
    - Project Information
    - Additional Information

7.2 Upload Your BRD File

3. In the 📁 **Upload Document** section, click **Choose a file** or **drag and drop** your BRD file into the upload area. Supported file formats include:
    - PDF (.pdf)
    - Word Document (.docx)
    - Image files (.png, .jpg)
    - Text files (.txt)
4. Once the file is uploaded, its name will appear below the upload box for confirmation.
5. If needed, select and click the filename to remove and re-upload the correct document.

7.3 Enter Project Information

Provide the key project details to ensure the generated FRD is accurately labeled and traceable.

Field	Description
Project Name	Enter the project's official name or identifier.
Author Name	Specify the name of the individual preparing the FRD.
Submission Date	Use the calendar picker or enter manually in dd-mm-yyyy format.
Document Description	Provide a short overview or context of the BRD being converted (e.g., "Membership Portal Redesign Requirements").

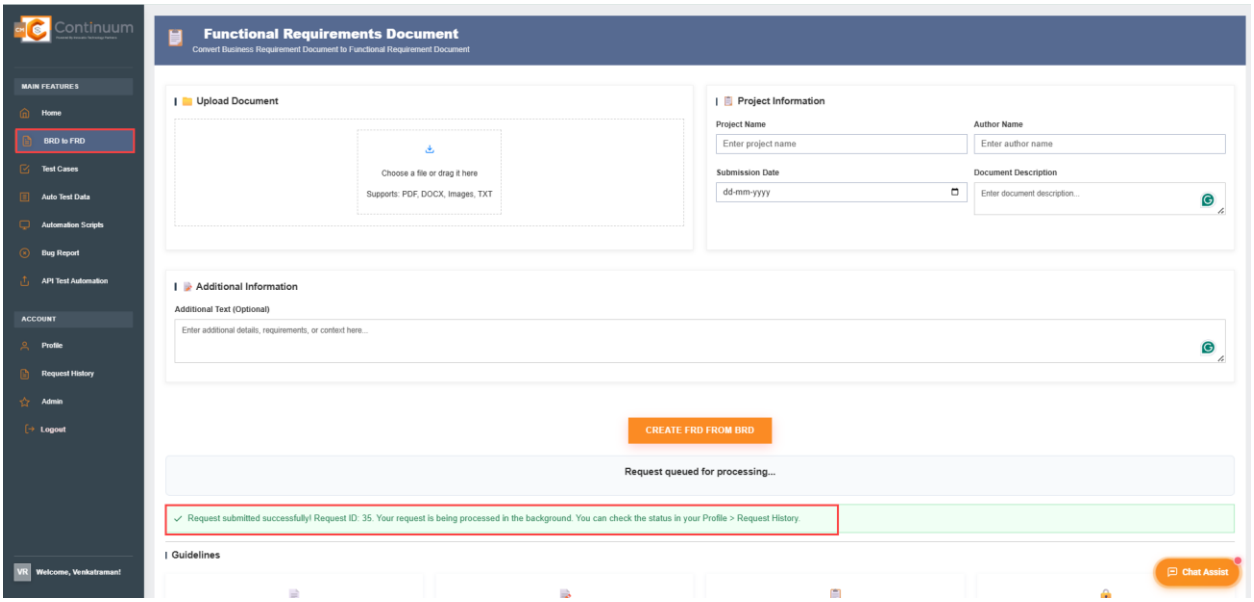
Tip: Clear and descriptive inputs improve document traceability and make generated FRDs easier to manage across projects.

7.4 Add Additional Information (Optional)

6. Expand the 📝 **Additional Information** section if you have extra notes or context to include.
7. Enter any of the following:
    - Business logic clarifications
    - Special functional constraints
    - Integration notes or data dependencies
    - Comments for AI enhancement
8. This information helps refine AI interpretation and produce a more accurate FRD structure.

7.5 Generate the FRD

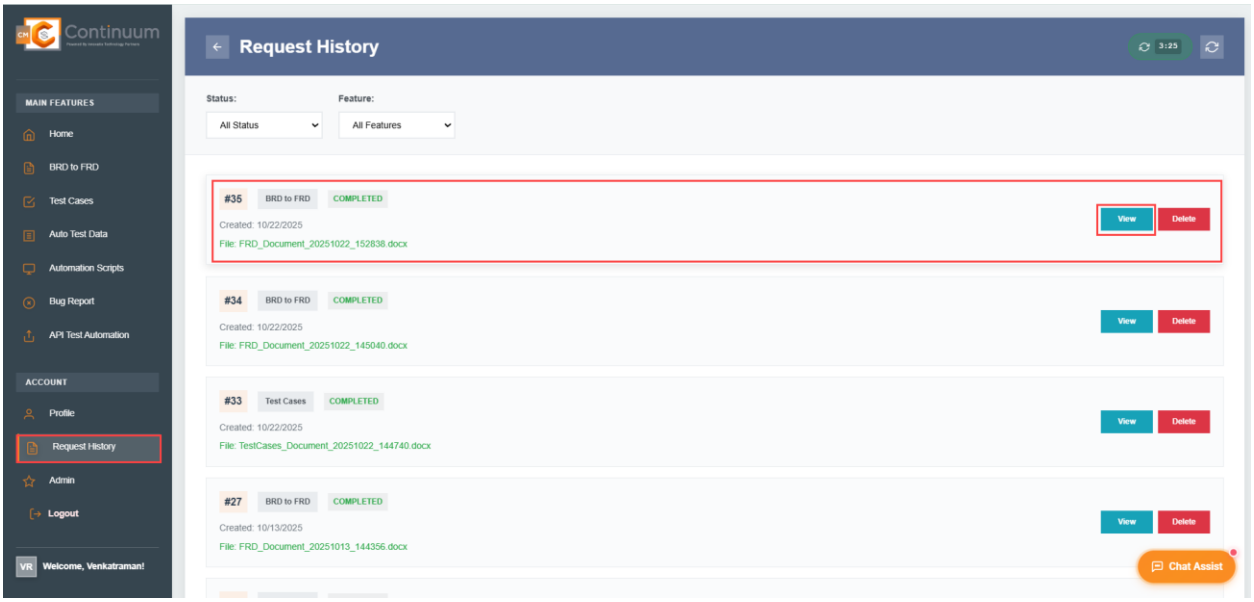
9. Once all required fields are completed, click the **"Create FRD From BRD"** button at the bottom of the page.



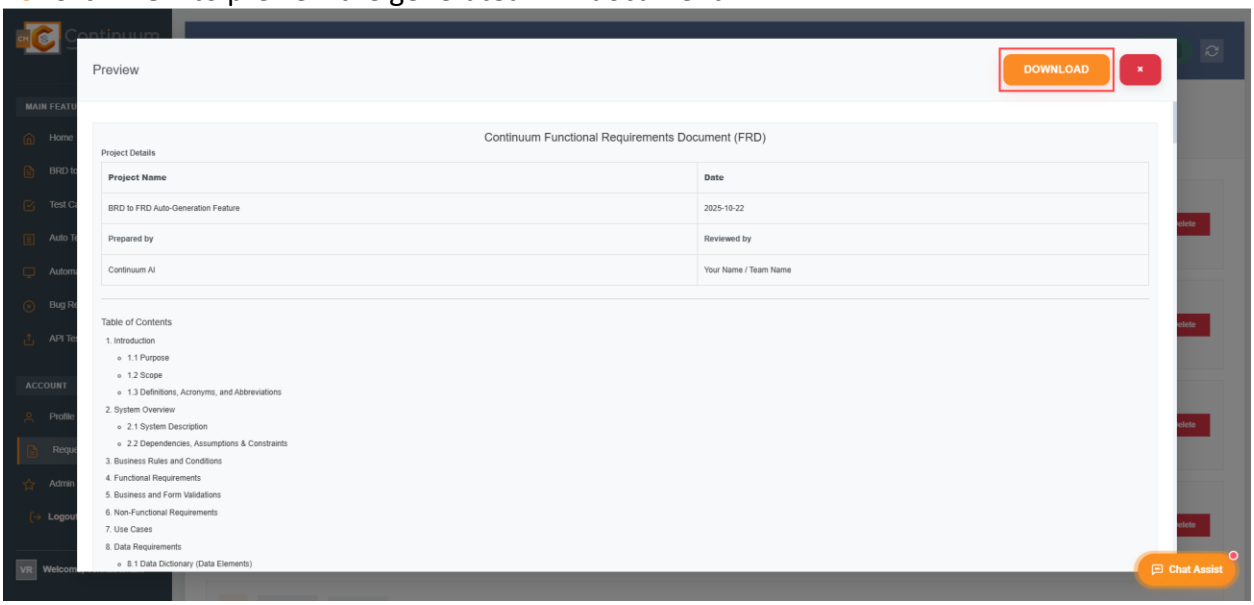
10. A progress indicator will show the generation status and on successful request submission create a **Request ID**. Depending on file size and complexity, this may take a few seconds to a few minutes.
11. The system will:
    - Process and analyze your uploaded BRD content
    - Identify key business requirements, processes, and actors
    - Generate a **Functional Requirements Document (FRD)** with:
        - Overview and purpose
        - Functional modules and submodules
        - Data flow and interface details
        - Validation and exception handling logic
        - Traceability matrix (where applicable)

7.6 Preview and Download

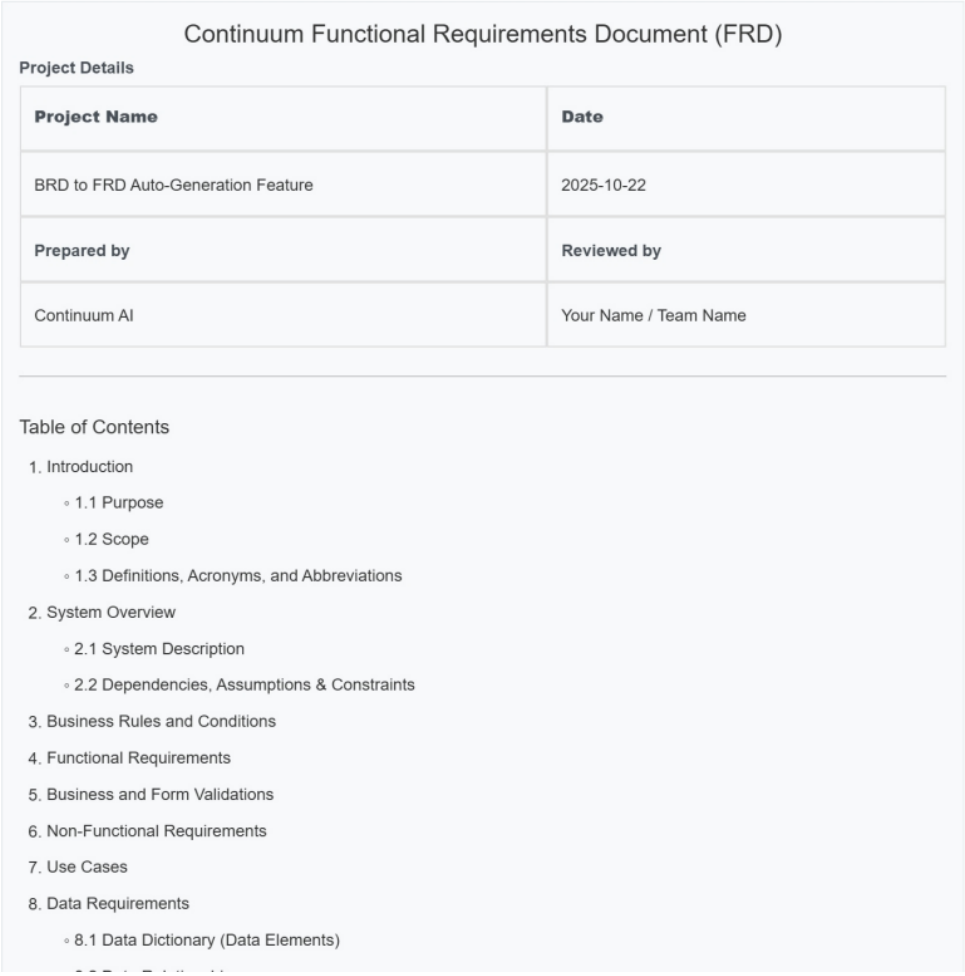
12. Once complete, you'll receive a success message and a **Request ID**.
    - You can view the generated FRD and your previous conversions in **Account → Request History.**



13. Click **View** to preview the generated FRD document.



14. Click **Download** to save the FRD document to your system as a PDF file.



Continuum Functional Requirements Document (FRD)

Project Details

Project Name	**Date**
BRD to FRD Auto-Generation Feature	2025-10-22
Prepared by	**Reviewed by**
Continuum AI	Your Name / Team Name

Table of Contents

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   - 1.1 Purpose
   - 1.2 Scope
   - 1.3 Definitions, Acronyms, and Abbreviations
2. System Overview
   - 2.1 System Description
   - 2.2 Dependencies, Assumptions & Constraints
3. Business Rules and Conditions
4. Functional Requirements
5. Business and Form Validations
6. Non-Functional Requirements
7. Use Cases
8. Data Requirements
   - 8.1 Data Dictionary (Data Elements)

7.7 Post-Conversion Actions

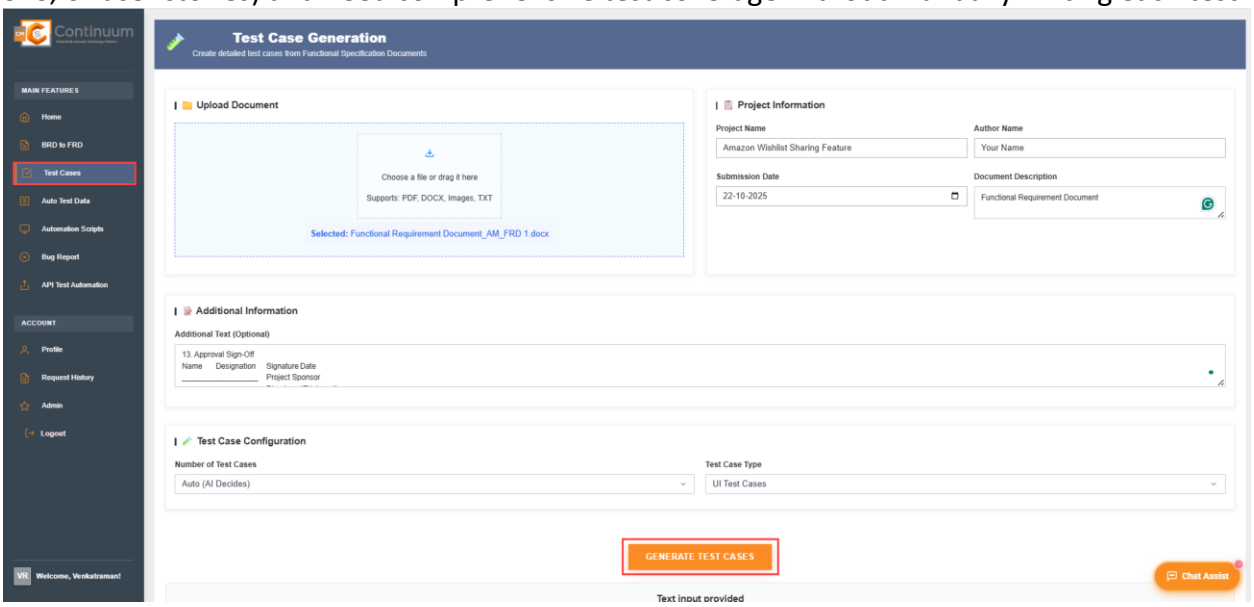
After generating the FRD, you can:

- Validate the AI-generated functional details.
- You can re-generate the FRD with refined inputs if necessary.
- Proceed to the next steps in Continuum — such as **Test Case Generation** or **Automation Script Creation** — using the FRD as your source document.

8 Test Case Generation

The Test Case Generation feature in Continuum enables you to automatically produce structured, high-quality test cases from your Functional Requirements Document (FRD) or other specification files. This module helps QA teams achieve full coverage across UI, functional, and API testing with consistent formatting and traceability.

When to Use: Use Test Case Generation when you already have well-defined requirements (FRD, SRS, or user stories) and need comprehensive test coverage without manually writing each test.



Follow these steps to create your Test Case effortlessly:

8.1 Access the Test Case Generation Module

1. From the left navigation pane, click Test Cases under Main Features.
2. The **Test Case Generation** workspace opens, displaying sections for document upload, project information, configuration, and output generation.

8.2 Upload Your Specification Document

3. In the **Upload Document** section, click **Choose a file** or **drag and drop** your FRD, SRS, or any requirement document into the upload area.
4. Supported file formats include:
    - PDF (.pdf)
    - Word (.docx)
    - Image (.png, .jpg)
    - Text (.txt)
5. Once uploaded, the file name will appear below the upload area.
6. If incorrect, remove the file and upload the correct one before proceeding.

8.3 Enter Project Information

Provide key project metadata to tag your generated test cases properly.

Field	Description
Project Name	Enter the project or module name for context.
Author Name	Identify the test case owner or preparer.
Submission Date	Use the dd-mm-yyyy format or select from the calendar picker.
Document Description	Provide a short description of the requirements or objectives.

Adding clear project details ensures traceability between your FRD, test cases, and automation artifacts.

8.4 Add Additional Context (Optional)

7. Expand the 📝 Additional Information section.
8. Provide extra notes, requirements, or testing constraints—such as:
    - Browser/device targets
    - Business rules
    - Known dependencies
    - Expected integration behavior
9. This information helps the AI generate more relevant and accurate test cases.

8.5 Configure Test Case Generation

In the 🧪 **Test Case Configuration** section, specify how the AI should build your test cases.

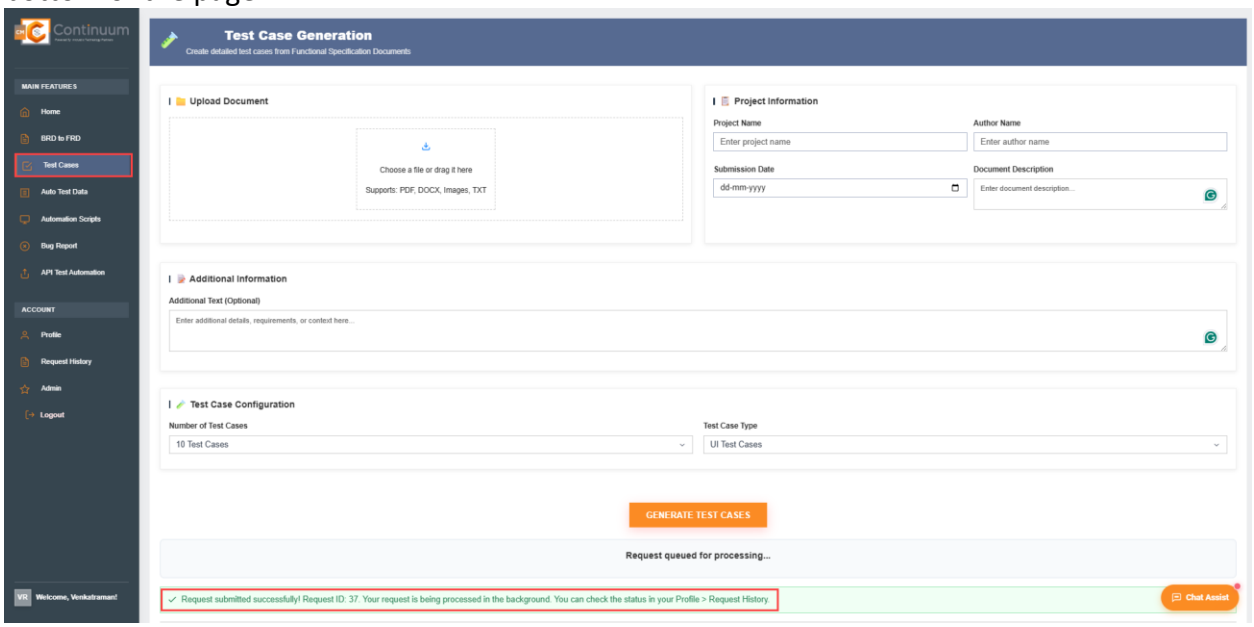
10. Number of Test Cases
    - Select **Auto (AI Decides)** to let Continuum determine the optimal number based on requirement complexity.
    - Or manually select (ranges from 10 to 50 test cases) how many cases you'd like (start small and iterate).
11. Test Case Type

    Choose one or more testing categories:
    - UI Test Cases – Focused on user interface and usability validation
    - Functional Test Cases – Focused on logic, input/output, and rule validation
    - API Test Cases – Focused on backend and service-level interactions
    - Both UI & Functional – Generate combined coverage for multi-layered testing

Pro Tip: Start with functional or UI cases, then re-run with "edge case" or "negative test" emphasis to broaden coverage.

8.6 Generate Test Cases

12. Once all required fields are completed, click the "**Generate Test Cases**" button at the bottom of the page.

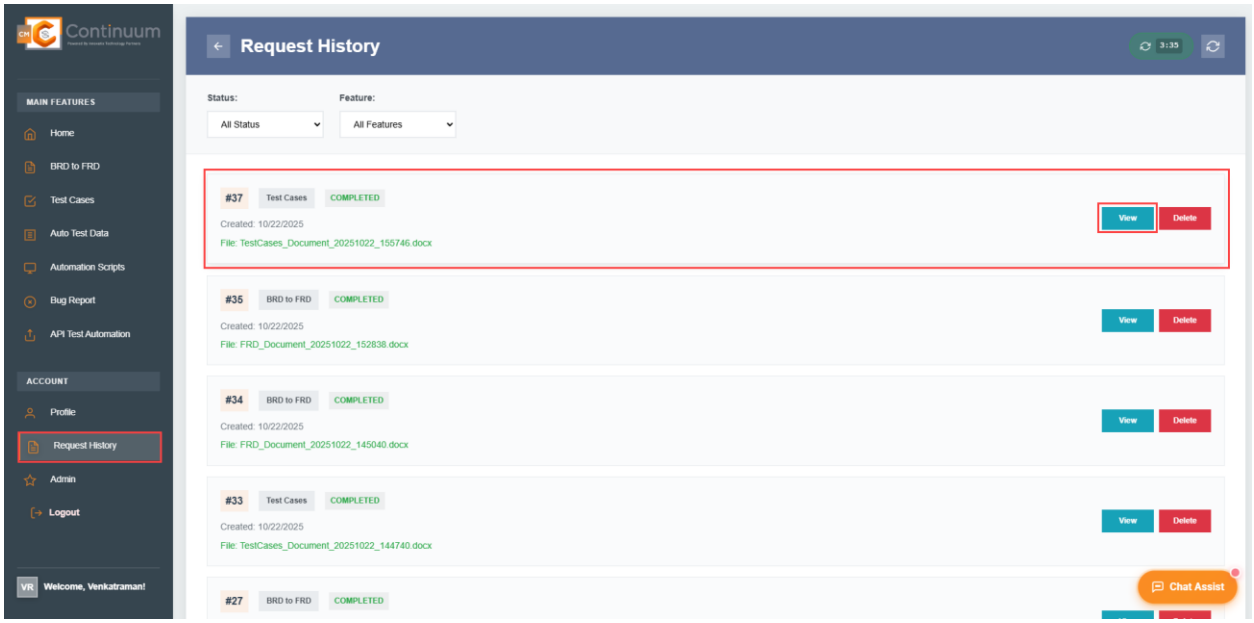


The AI engine will process your document and produce detailed, structured test cases.

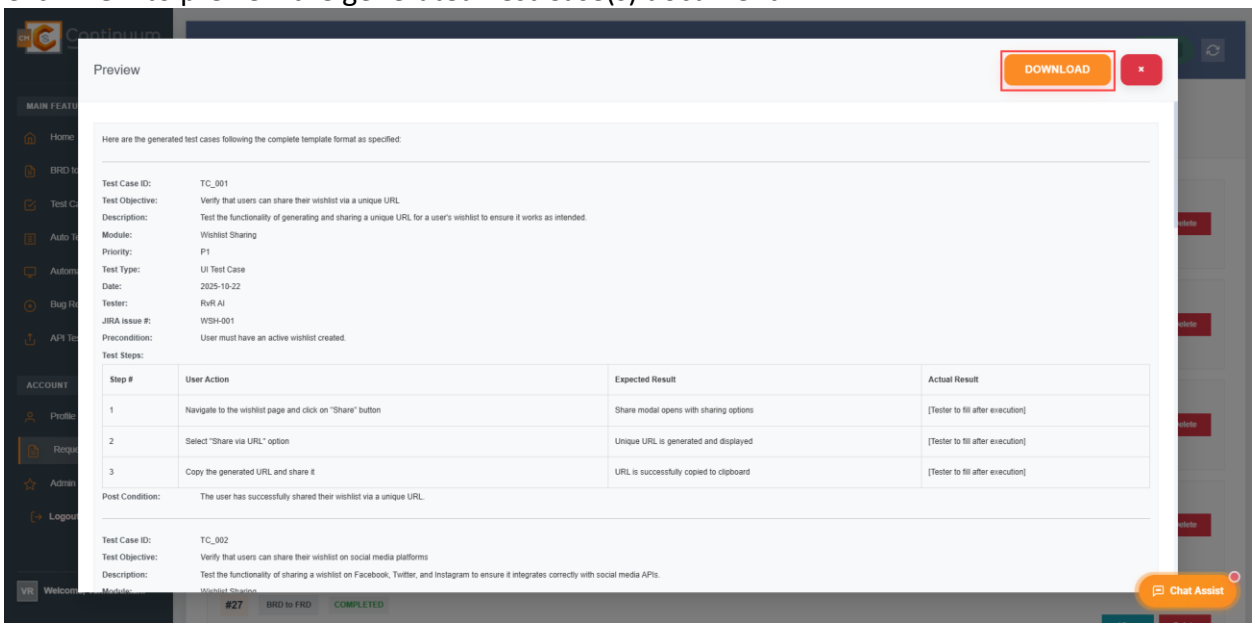
13. A progress indicator will show the generation status and on successful request submission create a Request ID. Depending on file size and complexity, this may take a few seconds to a few minutes.

8.7 Preview and Download

14. Once complete, you'll receive a success message and a **Request ID**.
    - You can view the generated Test Case(s) and your previous conversions in **Account → Request History.**



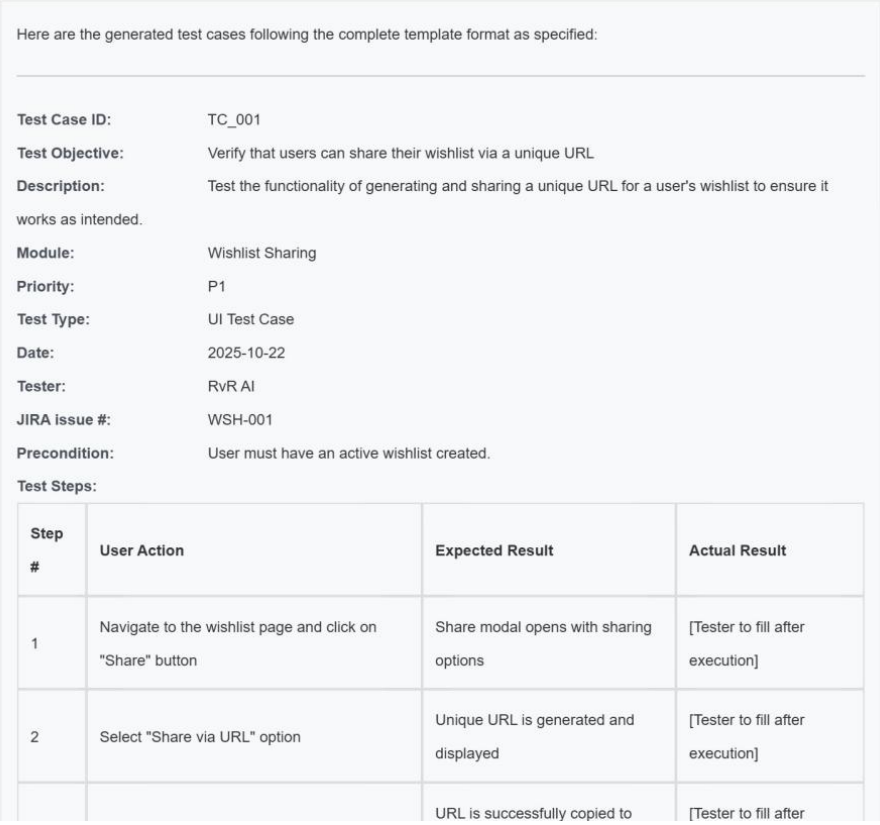
15. Click **View** to preview the generated Test Case(s) document.



The generated output typically includes:

- Test Case IDs (e.g., TC001, TC002, …)
- Objective and Scope
- Preconditions and Post-conditions
- Detailed Test Steps (with example input data)
- Expected Results
- Priority Levels (P1–P4)
- Test Case Type (UI, Functional, API)

16. Click **Download** to save the Test Case(s) document to your system as a PDF file.



Here are the generated test cases following the complete template format as specified:

Test Case ID: TC_001
Test Objective: Verify that users can share their wishlist via a unique URL
Description: Test the functionality of generating and sharing a unique URL for a user's wishlist to ensure it works as intended.
Module: Wishlist Sharing
Priority: P1
Test Type: UI Test Case
Date: 2025-10-22
Tester: RvR AI
JIRA issue #: WSH-001
Precondition: User must have an active wishlist created.
Test Steps:

Step #	User Action	Expected Result	Actual Result
1	Navigate to the wishlist page and click on "Share" button	Share modal opens with sharing options	[Tester to fill after execution]
2	Select "Share via URL" option	Unique URL is generated and displayed	[Tester to fill after execution]
		URL is successfully copied to	[Tester to fill after

8.8 Coverage Check (Optional)

To ensure thorough validation:

- Re-run the generation using different focus settings (e.g., “edge cases” or “negative tests”).
- Compare outputs to broaden your coverage set.
- Merge or refine test cases to form a complete regression suite.

9 Auto Test Data

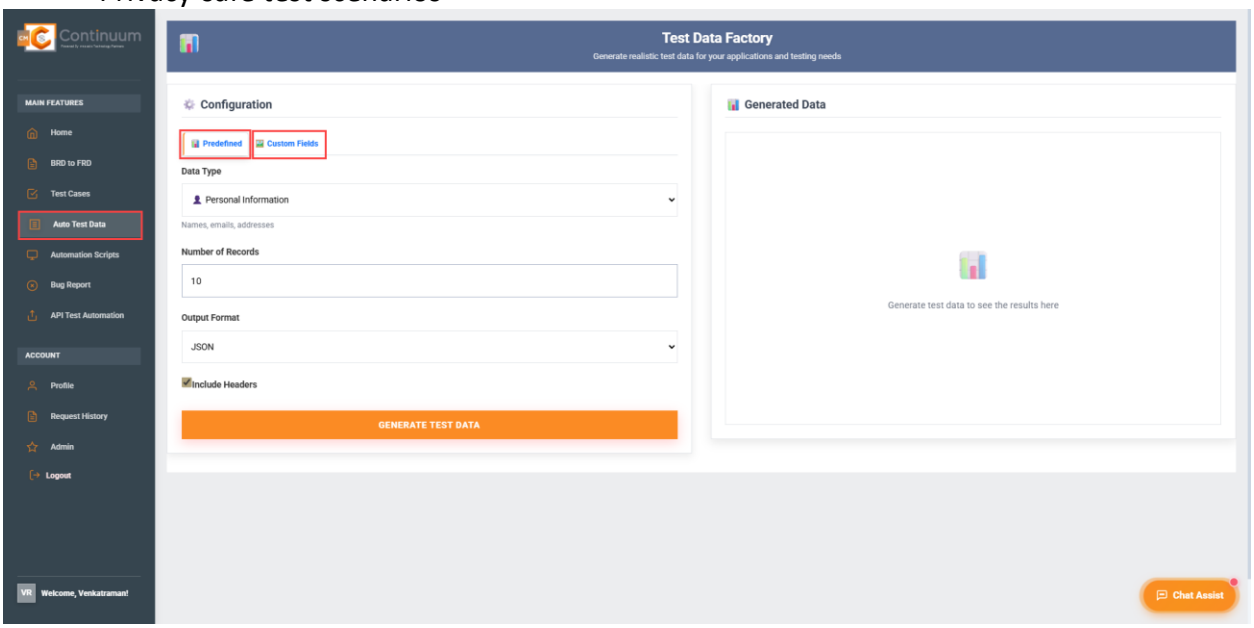
The **Auto Test Data** feature in Continuum helps you quickly generate realistic, anonymized datasets for testing forms, APIs, and databases—without exposing sensitive user information. You can create structured data in **JSON, CSV,** and **XML** format, ready for direct validation or import into your test environment.

Open **Auto Test Data** and choose either predefined or AI-assisted mode. **Predefined** mode offers categories like Personal, Business, Financial, Internet, Address, Product, or Mixed. The **Custom (AI)** mode lets you upload a UI or form screenshot, automatically detecting fields for data generation. Set the record count (up to 1,000), pick the format, and click **Generate** to preview or download.

Output includes contextually accurate, randomized values—names, SSNs, company info, transactions, or product details—depending on the data type. The AI mode produces data tailored to detected fields, ensuring realistic variation such as valid emails, phone numbers, and SSN formats. You can rerun or export multiple batches to test different data volumes, from one record to 1,000.

When to Use:- Use this feature whenever you need high-quality, synthetic data for:

- Functional or API testing
- Form validation and input handling
- Load testing or data-driven automation
- Privacy-safe test scenarios



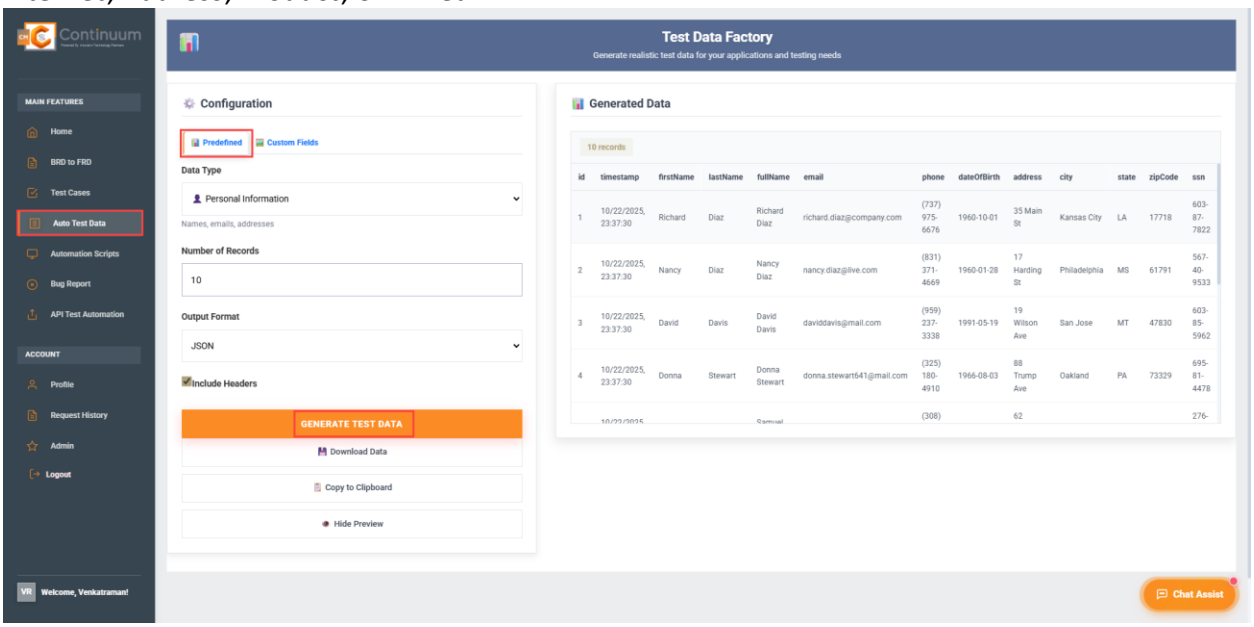
Follow these steps to create datasets effortlessly:

9.1 Open Auto Test Data

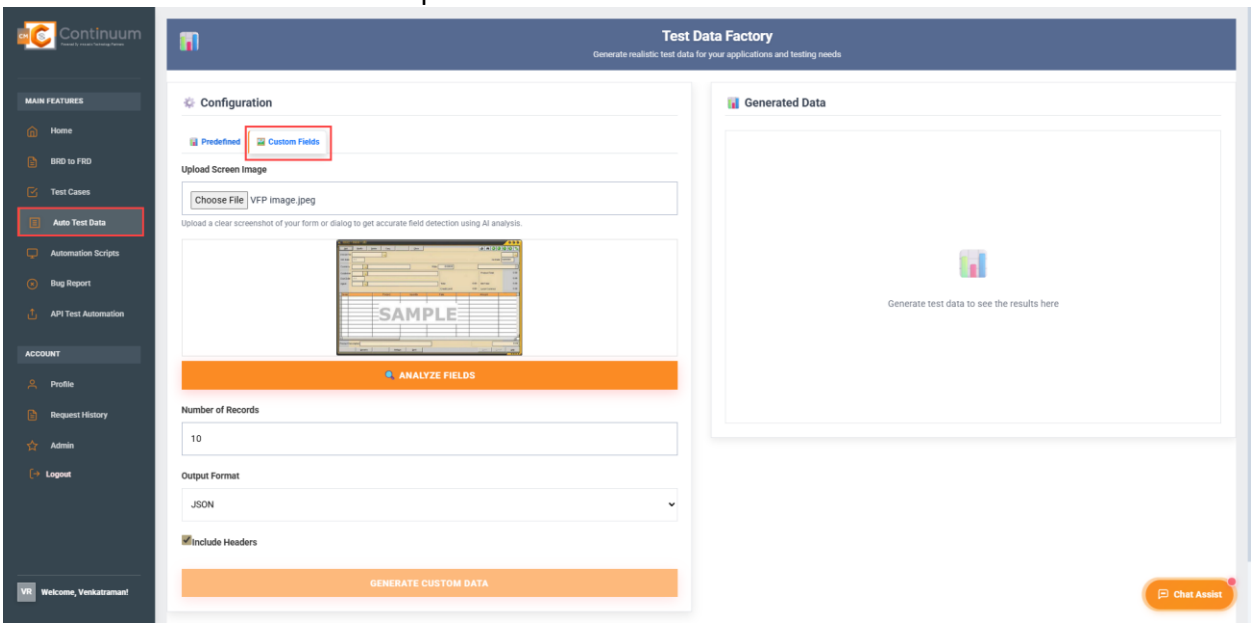
1. From the left navigation pane, select Auto Test Data under Main Features.

9.2 Choose a Mode

2. Select your preferred mode of data creation:
   - **Predefined Mode:** Pick from ready categories such as *Personal*, *Business*, *Financial*, *Internet*, *Address*, *Product*, or *Mixed*.

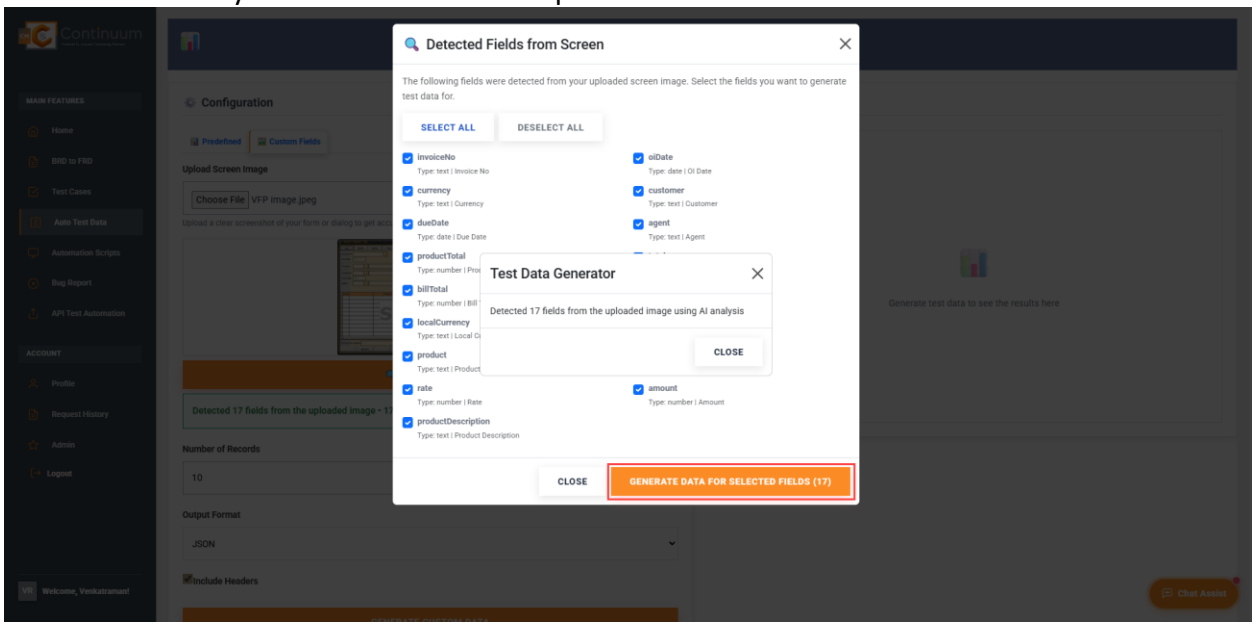


   - **Custom Fields Mode:** Upload a **UI or form screenshot**, and Continuum's AI automatically detects the fields that need sample data.

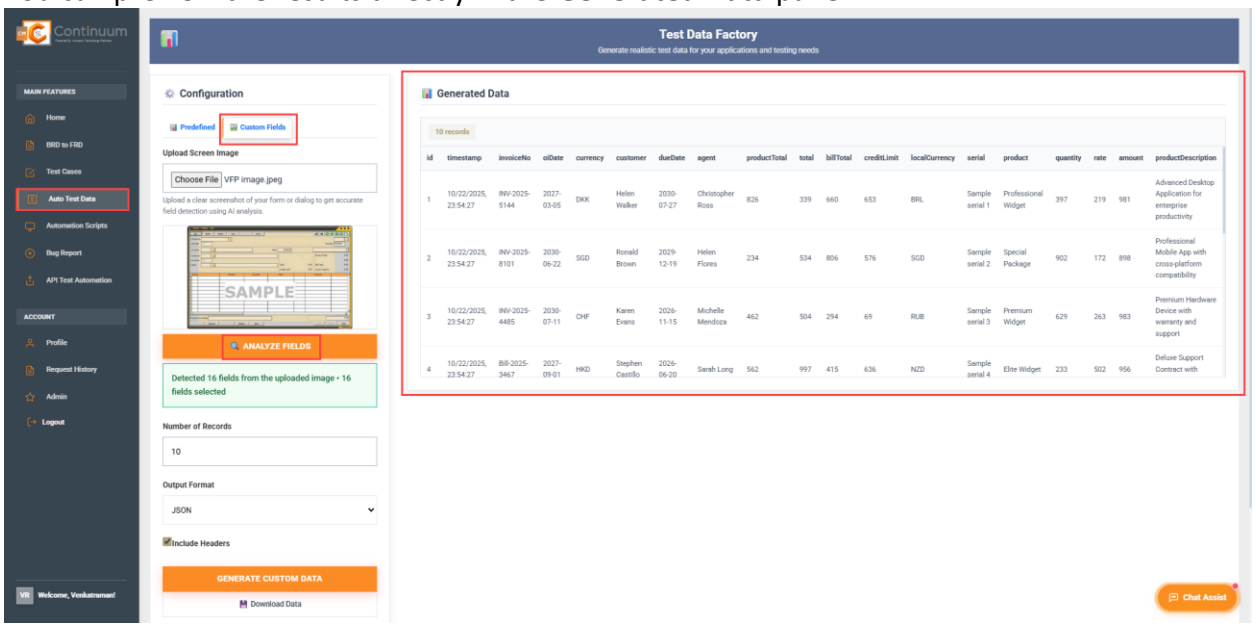


9.3 (Optional) Upload Form Screenshot

3. If using **Custom Fields Mode**, click **Upload Screen Image** and select a clear screenshot of your form or dialog.
4. Click **Analyze Fields** to let the AI engine detect input fields and automatically prepare realistic, matching test data.
5. **Select/Deselect** the required data and click **Generate Data for Selected Fields** to preview the results directly in the **Generated Data** panel.



6. You can preview the results directly in the **Generated Data** panel.

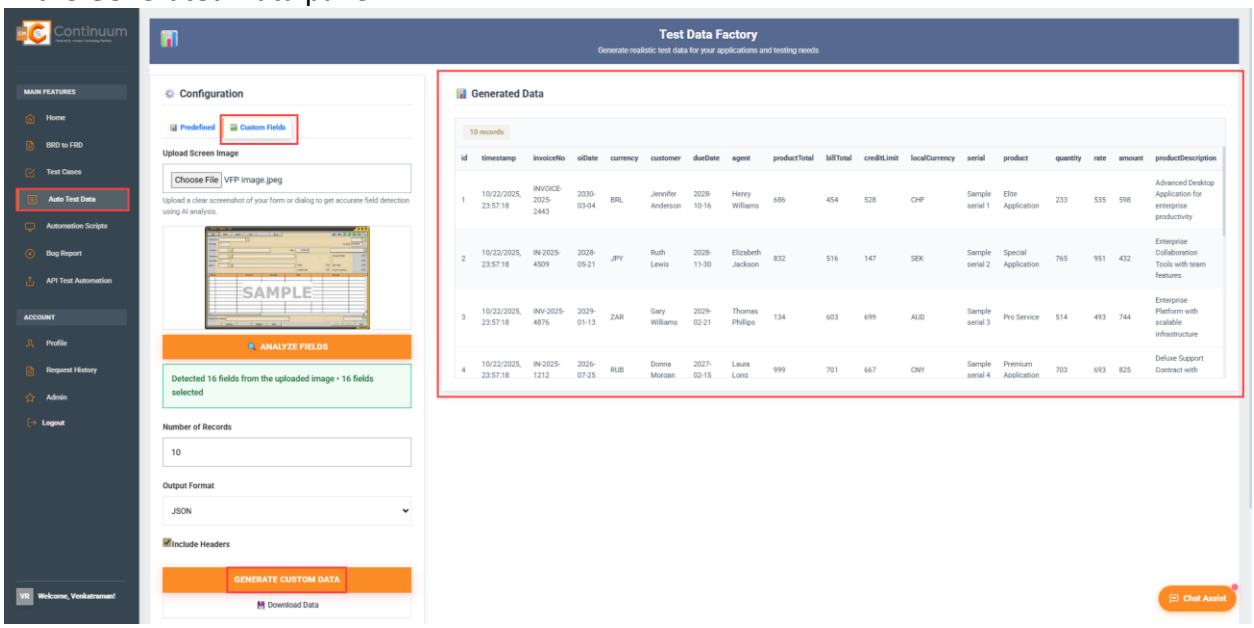


9.4 Configure Data Settings

7. Configure the following fields:
   - **Number of Records:** Set the desired record count (from 1 to 1,000).
   - **Output Format:** Choose **JSON, CSV,** and **XML**.
   - Optionally enable **Include Headers** for CSV output.

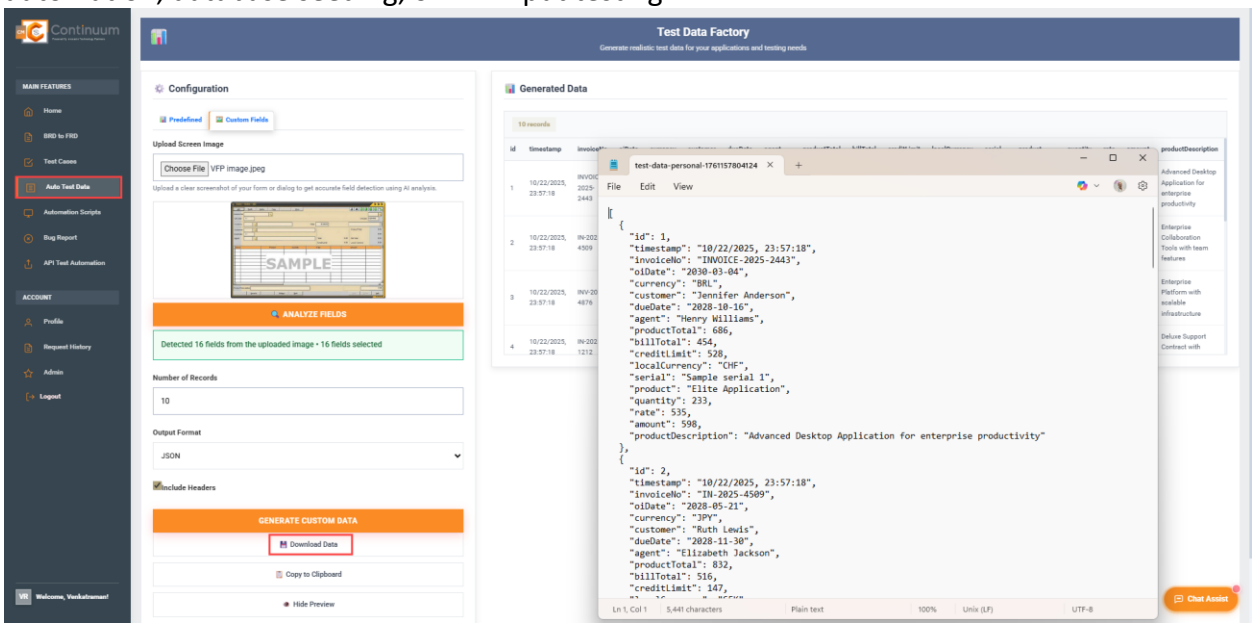
9.5 Generate Data

8. Click **Generate Custom Data** to produce your dataset. You can preview the results directly in the **Generated Data** panel.



9.6 Review and Download

9. Once satisfied with the preview, click **Download Data** to export your dataset for use in test automation, database seeding, or API input testing.



9.7 What You Get

- Contextually accurate test data such as names, emails, SSNs, addresses, and transactions
- Randomized values ensuring realism and uniqueness
- Field-specific data in valid formats (e.g., phone numbers, postal codes, emails)
- Optional headers and customizable volume

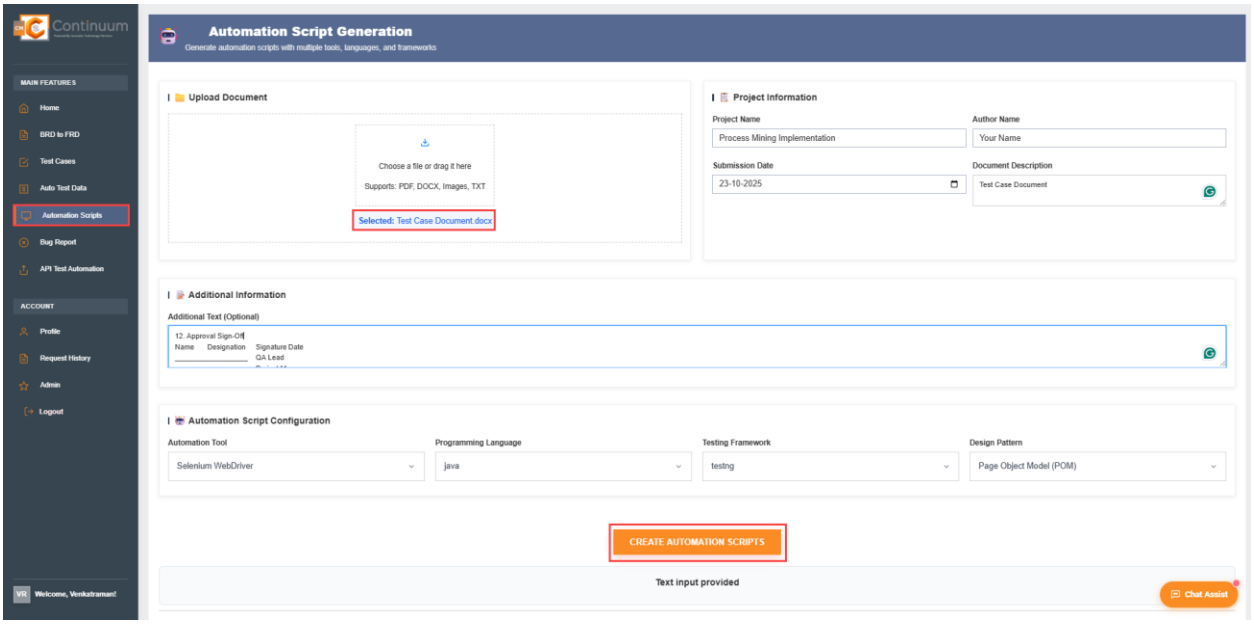
9.8 Pro Tip

Run multiple batches with different configurations to simulate varied user input scenarios or data volumes—from a single record to thousands of entries. Pair this feature with **Test Case Generation** or **Automation Scripts** for complete, data-driven test execution.

10 Automation Script Generation

The **Test Automation Scripts** feature in Continuum allows you to instantly generate runnable automation code aligned with your test cases and project requirements. This tool leverages AI to translate structured test cases or requirement descriptions into ready-to-run automation frameworks using your preferred tools, languages, and patterns.

When to Use:- Use this module when you have finalized test cases or requirement flows and want **automation-ready scripts** that integrate smoothly with your existing QA or CI/CD environments.



Follow these steps to generate automation code effortlessly:

10.1 Open the Test Automation Scripts Module

1. From the left navigation pane, select Automation Scripts under Main Features.
2. The **Automation Script Generation** workspace opens with sections for:
    - Uploading documents
    - Project information
    - Additional context
    - Script configuration options

10.2 Upload Your Test Cases or Requirement Document

3. In the **Upload Document** section, click **Choose a file** or drag and drop your test cases or requirements file.
4. Supported file formats include:
    - PDF (.pdf)
    - Word Document (.docx)

- Images (.png, .jpg)
- Text (.txt)

5. Once uploaded, verify the file name displayed below the upload area.
6. If incorrect, remove the file and upload the correct one before proceeding.

Tip: Ensure the uploaded test cases contain clear test steps, expected results, and identifiers—this helps the AI generate accurate and well-structured scripts.

10.3 Enter Project Information

Provide basic details about your automation project to label and organize the generated outputs properly.

Field	Description
Project Name	Enter the project or feature name for easy reference.
Author Name	Specify the individual responsible for the automation setup.
Submission Date	Select or enter the date in dd-mm-yyyy format.
Document Description	Add a short description or objective for the automation (e.g., "UI regression scripts for payment flow").

These details help with traceability across different automation batches.

10.4 Add Additional Context (Optional)

7. Expand the 📝 Additional Information section.
8. Enter any extra context that could improve script accuracy, such as:
   - Browser/device targets (e.g., Chrome, Safari, Android)
   - Application URLs or login credentials (placeholders only)
   - Integration or API dependencies
   - Custom data or environment setup notes

The more context you provide, the more precise and aligned the generated automation will be.

10.5 Configure Automation Script Options

In the 🤖 **Automation Script Configuration** section, choose how you want the scripts to be generated.

9. Pick the preferred test automation tool:
   1. **Select Automation Tool**
      - Selenium WebDriver – for browser-based automation
      - Cypress – for modern web application testing
      - Playwright – for cross-browser automation
      - Appium – for mobile (iOS/Android) testing
      - Cucumber BDD – for behavior-driven development (Gherkin syntax)

10. Select the programming language your team uses:
    2. **Choose Programming Language**
       - Java
       - Python

- C# (CSharp)
- JavaScript
- Ruby

11. Select the test framework that best fits your tool/language choice:

3. Choose Testing Framework

- JUnit or TestNG for Java
- Pytest for Python
- Mocha or Jest for JavaScript
- Cucumber-Java for BDD setups

12. Choose a structure for the generated scripts:

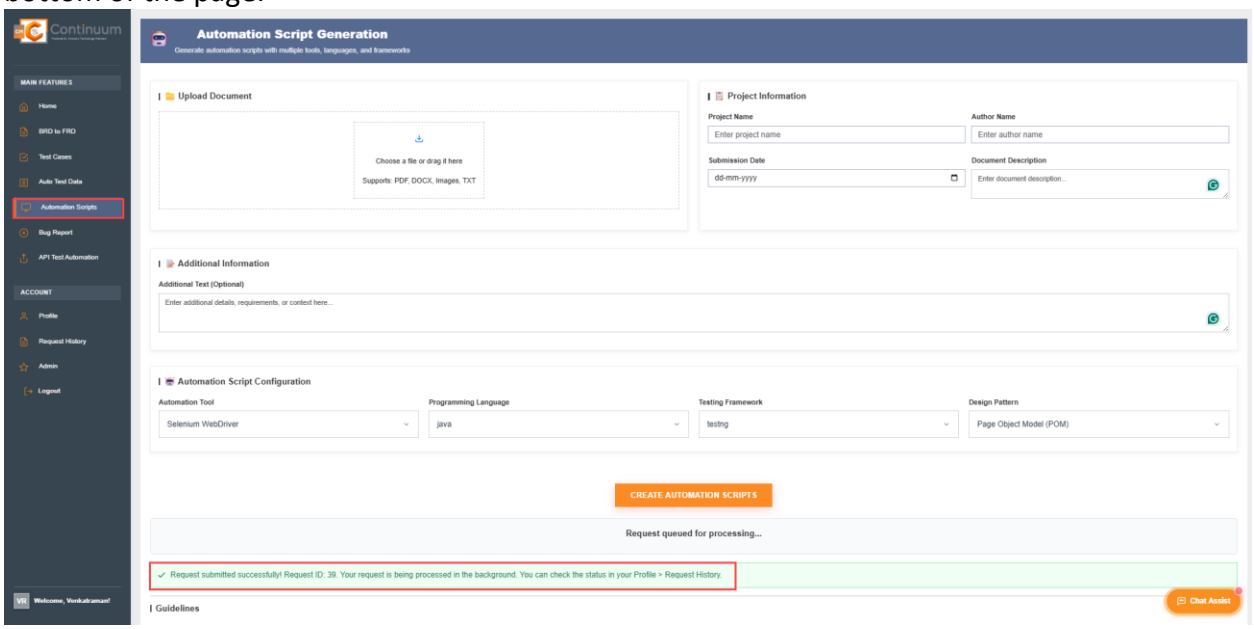
4. Select Design Pattern

- Page Object Model (POM) – recommended for scalability
- Page Factory – for optimized element management
- Fluent Interface – for readable, chained commands
- Simple Pattern – for lightweight projects or proofs of concept

Pro Tip: Choose **Page Object Model** if you plan to expand your automation suite—it's easier to maintain and integrate into CI/CD pipelines.

10.6 Generate Automation Scripts

13. Once all required fields are completed, click the "**Create Automation Scripts**" button at the bottom of the page.



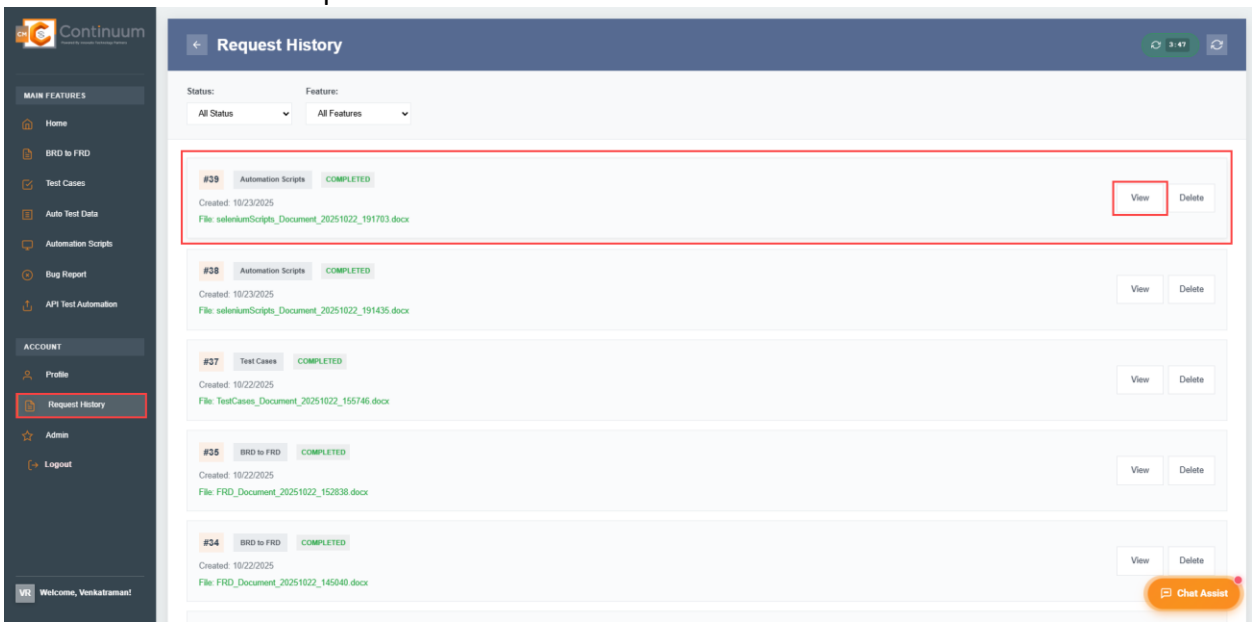
14. The AI engine will analyze your test cases or requirements and build a complete, executable project including:
    - Test scripts and step definitions

- Page objects or screen objects
- Configuration files and dependencies
- Utility methods (e.g., waits, assertions, drivers)
- Environment setup and sample test data

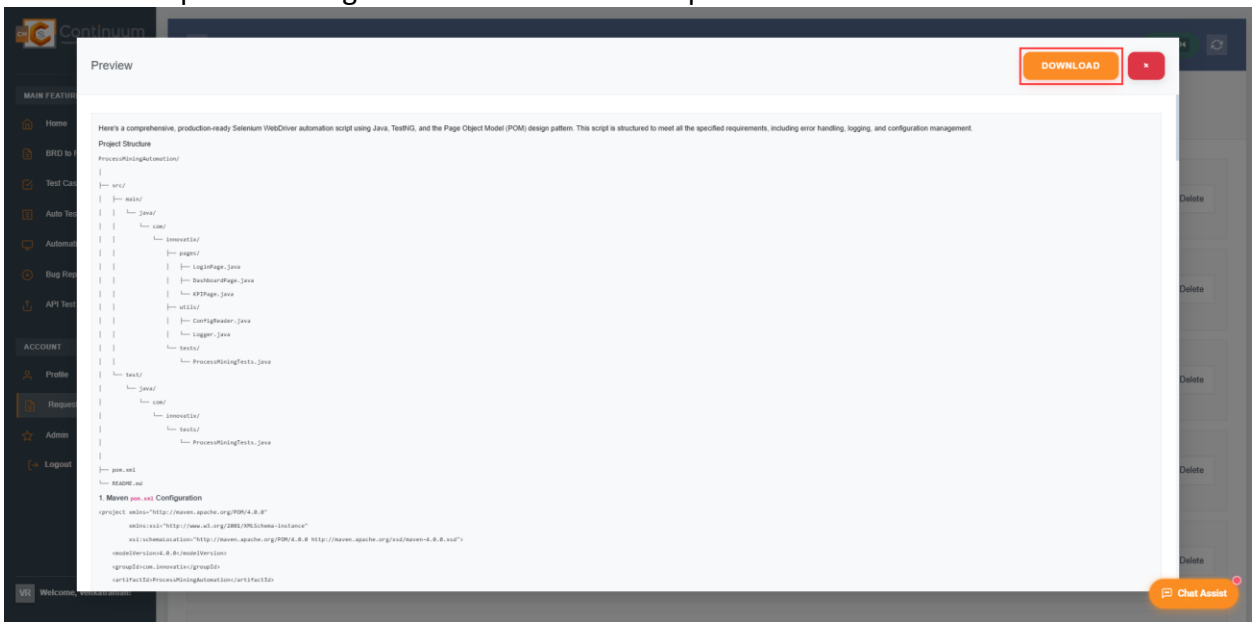
15. A progress indicator will show the generation status and on successful request submission create a **Request ID**. Depending on file size and complexity, this may take a few seconds to a few minutes.
16. Once complete, you'll receive a success message and a **Request ID**.

10.7 Preview and Download

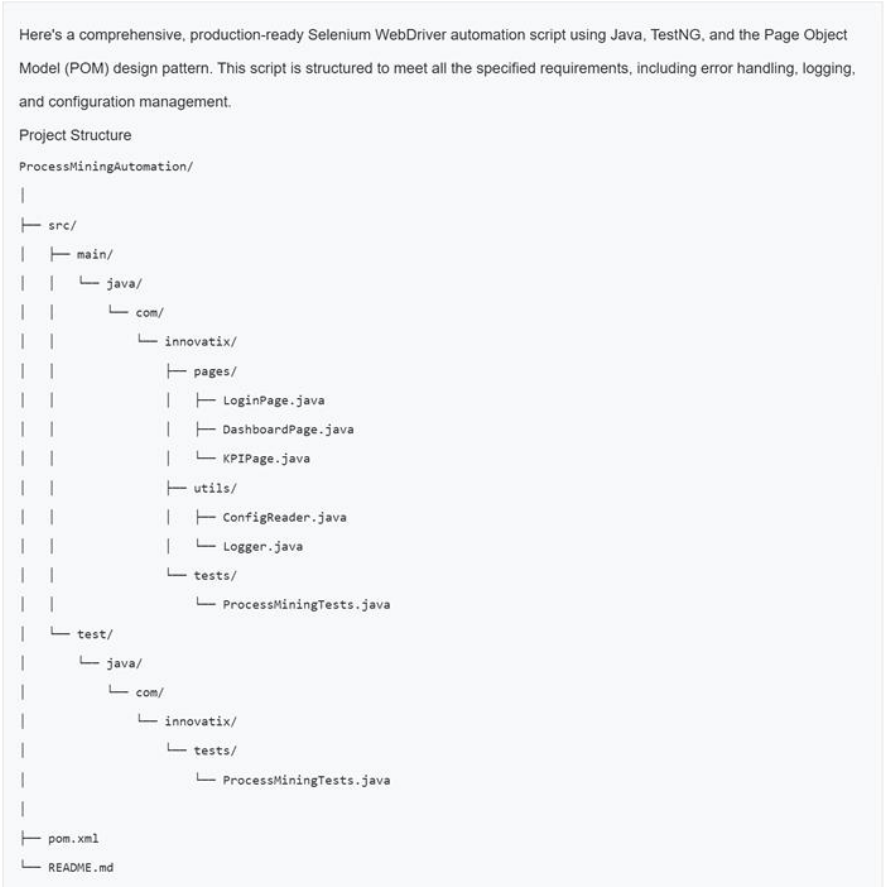
17. All generation activity is saved under **Account → Request History**, allowing you to re-download or version outputs.



18. Click **View** to preview the generated automation scripts document.



19. Click **Download** to save the automation scripts document to your system as a PDF file.



Here's a comprehensive, production-ready Selenium WebDriver automation script using Java, TestNG, and the Page Object Model (POM) design pattern. This script is structured to meet all the specified requirements, including error handling, logging, and configuration management.

Project Structure

```
ProcessMiningAutomation/
|
├── src/
|   ├── main/
|   |   └── java/
|   |       └── com/
|   |           └── innovatix/
|   |               ├── pages/
|   |               |   ├── LoginPage.java
|   |               |   ├── DashboardPage.java
|   |               |   └── KPIPage.java
|   |               ├── utils/
|   |               |   ├── ConfigReader.java
|   |               |   └── Logger.java
|   |               └── tests/
|   |                   └── ProcessMiningTests.java
|   └── test/
|       └── java/
|           └── com/
|               └── innovatix/
|                   └── tests/
|                       └── ProcessMiningTests.java
|
├── pom.xml
└── README.md
```

(973) 889 0500
www.innovatixinc.com
135 Route 202/206, Suite 9, Bedminster, NJ 07921

10.8 Extract and Integrate

20. Copy the generated coding script in your preferred IDE (e.g., IntelliJ, VS Code, Eclipse, PyCharm).
21. The generated coding structure typically can be used to create:
    - src/test/java (or /specs for JS/Python)
    - Page Objects or Component classes
    - Test data and configuration folders
    - Build configuration (pom.xml, package.json, or requirements.txt)
    - Runner files (TestNG.xml, Jest.config.js, etc.)

You can directly integrate these scripts into your CI/CD system using Jenkins, GitHub Actions, or Azure DevOps.

10.9 What You Get

- Ready-to-run project structure
- Page Objects and reusable utilities
- Assertions, error handling, and reporting integration
- Cross-browser and device compatibility
- CI/CD-friendly file organization

Pro Tip: Pair **Test Automation Script Generation** with **Test Case Generation** for a seamless flow. This ensures consistency across your QA pipeline and maximizes reusability.

11 Bug Report Generation

The **Bug Report Generation** feature **in Continuum** streamlines how QA teams document and share software defects. Instead of manually formatting reports, users can instantly create structured, professional bug reports using AI-driven analysis.

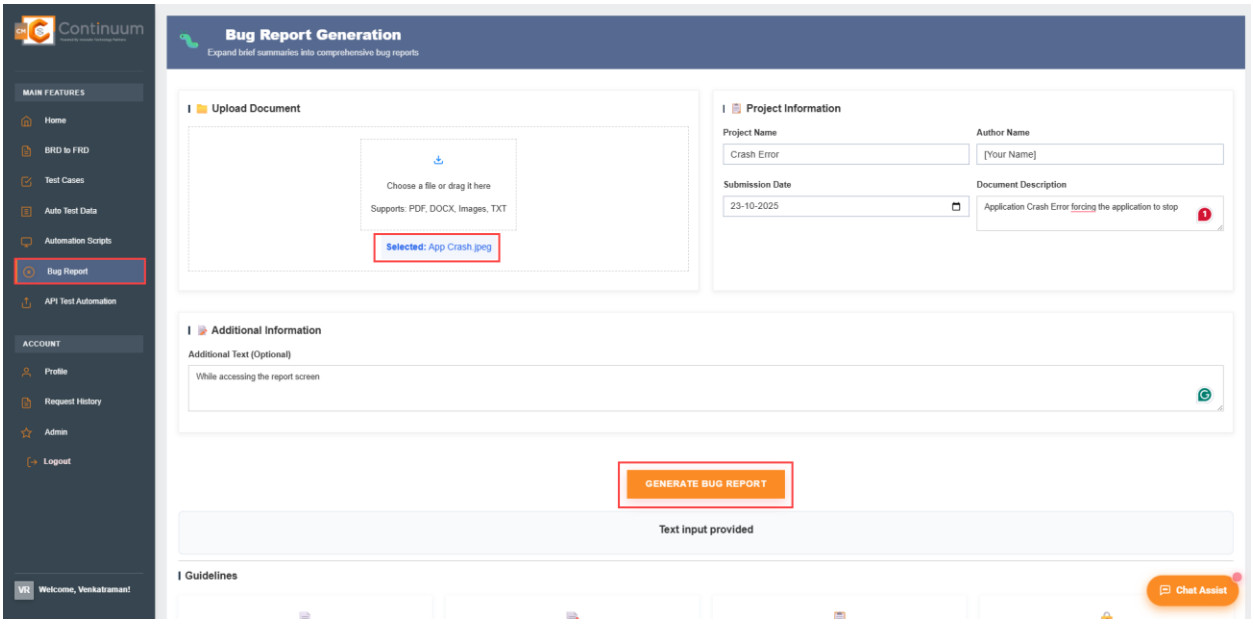
By combining uploaded evidence—like screenshots or logs—with brief descriptions, Continuum automatically builds detailed reports that include reproduction steps, environment details, expected vs. actual results, severity, and impact.

This tool is ideal for agile teams and QA environments that value speed, clarity, and consistency in tracking and resolving issues.

When to Use

Use this feature when you need to capture and report defects efficiently with all essential details included. It's perfect for:

- Logging new issues during manual or automated testing
- Creating standardized reports for team reviews
- Submitting verified bugs for developer investigation



Follow these steps to create bug reports effortlessly:

11.1 Open Bug Report Builder

1. From the left navigation pane, select Bug Report under Main Features.
2. The **Bug Report Generation** workspace opens, displaying sections for document upload, project information, configuration, and output generation.

11.2 Upload or Describe the Issue

3. Upload supporting **screenshots, logs, or trace files**, containing a description of the issue observed. Supported file types include **PDF, DOCX, images, and TXT**.
4. Once uploaded, the file name will appear below the upload area.
5. If incorrect, remove the file and upload the correct one before proceeding.

11.3 Fill in Project Information

Provide the following details for better traceability:

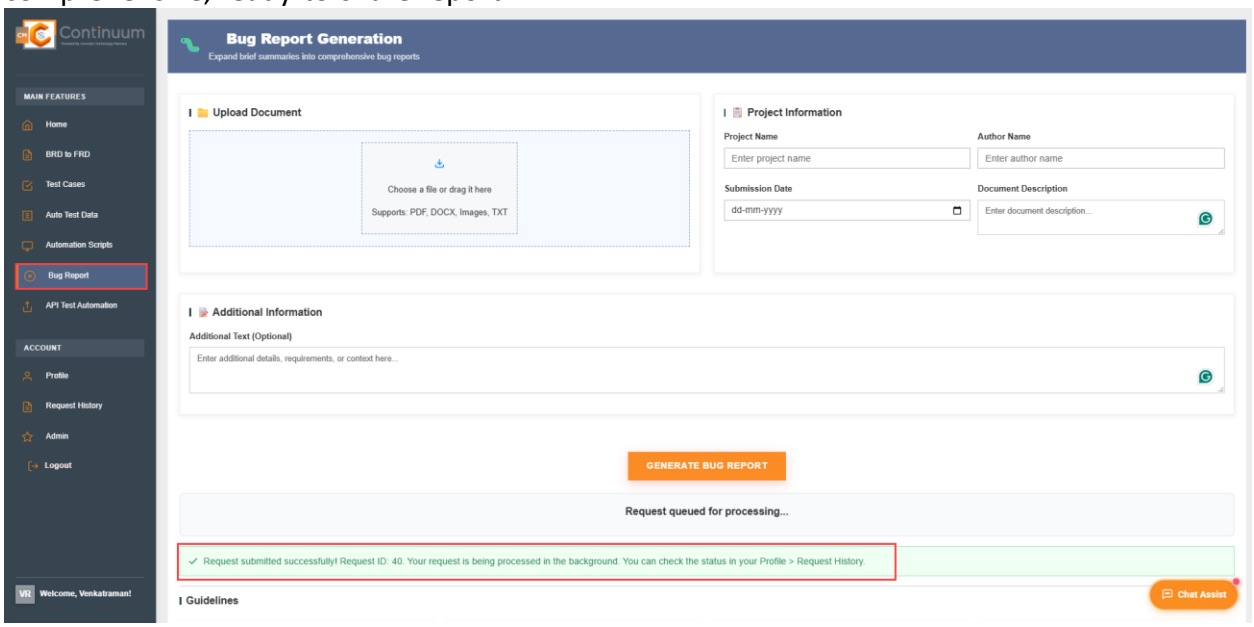
Field	Description
Project Name	Enter the project or module name for context.
Author Name	Identify the bug reporter.
Submission Date	Use the dd-mm-yyyy format or select from the calendar picker.
Document Description	Provide a brief summary of the issue or build context.

11.4 Add Additional Information (Optional)

6. Expand the Additional Information section.
   - Include **extra context**, such as environment setup, build version, or steps already attempted to reproduce the issue.

11.5 Generate the Bug Report

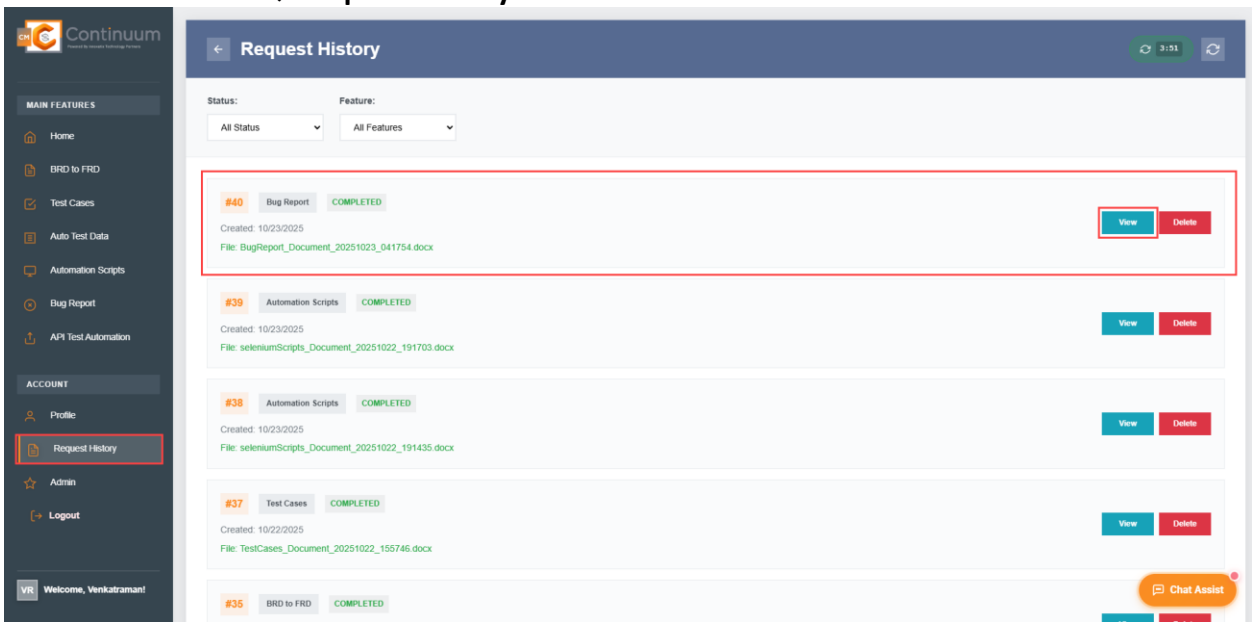
7. Once all required fields are completed, click the "**Generate Bug Report**" button at the bottom of the page.
8. Click **Generate Bug Report**. The AI-powered builder will structure the content into a comprehensive, ready-to-share report.



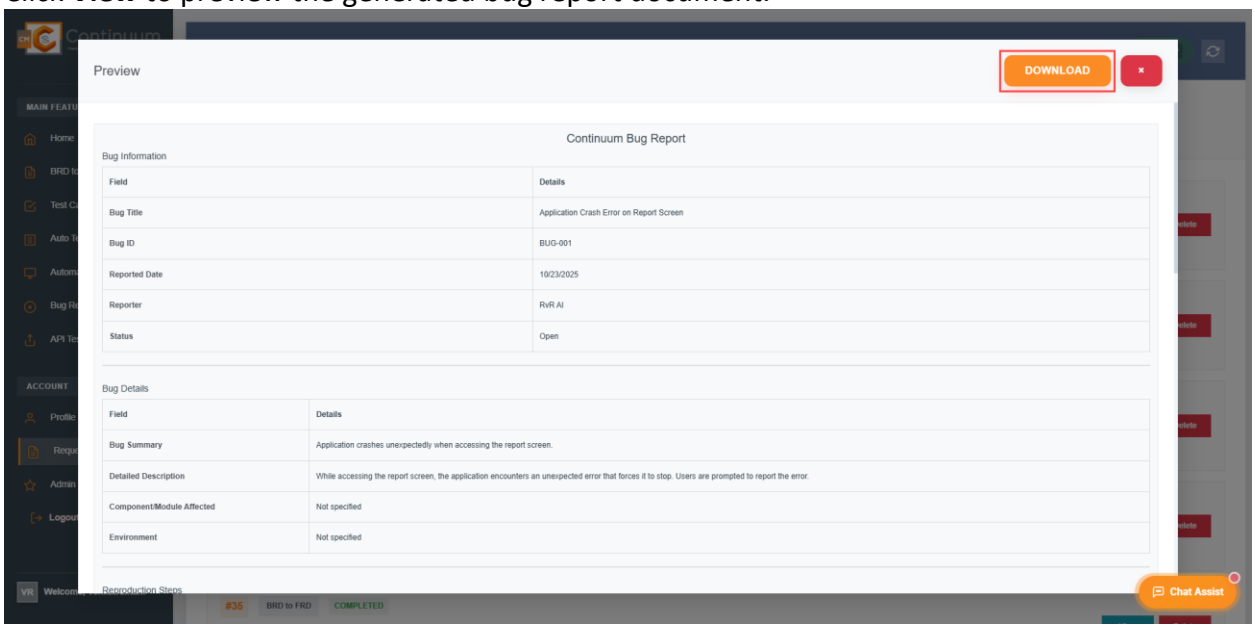
9. A progress indicator will show the generation status and on successful request submission create a Request ID. Depending on file size and complexity, this may take a few seconds to a few minutes.

11.6 Preview and Download

10. Once complete, you'll receive a success message and a **Request ID**.
    - You can view the generated bug report and your previous conversions in **Account → Request History.**



11. Click **View** to preview the generated bug report document.



12. Click **Download** to save the bug report document to your system as a PDF file.

Continuum Bug Report

Bug Information

Field	Details
Bug Title	Application Crash Error on Report Screen
Bug ID	BUG-001
Reported Date	10/23/2025
Reporter	RvR AI
Status	Open

Bug Details

Field	Details
Bug Summary	Application crashes unexpectedly when accessing the report screen.
Detailed Description	While accessing the report screen, the application encounters an unexpected error that forces it to stop. Users are prompted to report the error.
Component/Module Affected	Not specified
Environment	Not specified

11.7 What You Get

Each generated bug report includes:

- Bug ID, title, reporter, and date
- Steps to reproduce and environment details
- Expected vs. actual behavior
- Severity, priority, and impact assessment
- Technical details and attachments
- Assignment and tracking fields for workflow integration

11.8 Good Practice

Always include:

- At least **one clear screenshot or log** showing the issue.
- The **exact environment/build ID** to help developers reproduce the problem accurately.

Consistent, complete reports save triage time and ensure faster resolution.

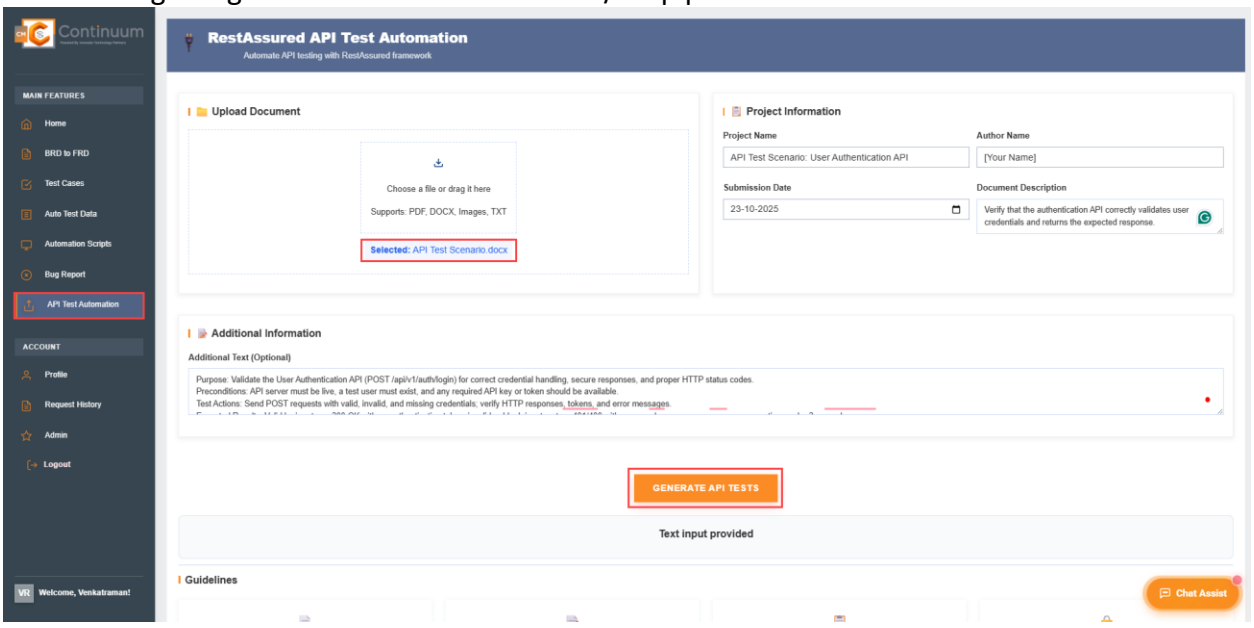
12 API Test Automation

The **API Test Automation** feature in Continuum is designed to streamline API testing by automatically generating executable RestAssured tests with BDD support. By leveraging your API documentation, endpoint details, and example payloads, it creates structured, ready-to-run test scripts, feature files, and step definitions.

This tool helps QA teams quickly validate REST endpoints, ensure compliance with specifications, and integrate scenario-based API tests directly into CI/CD pipelines. It is especially useful for teams aiming to save time, improve test coverage, and maintain consistent testing standards across environments.

When to Use:- Use this feature when you have an API (or documentation) and want **automated tests** that can validate endpoints for functionality, reliability, and compliance with specifications. It is ideal for:

- Validating REST endpoints during development or QA
- Generating **scenario-based BDD tests**
- Integrating automated API tests into CI/CD pipelines



Follow these steps to create automatic API test cases effortlessly:

12.1 Open API Test Automation

1. From the left navigation pane, select API Test Automation under Main Features.

12.2 Upload API Documentation or Describe Endpoints

2. Upload API docs or specification files (PDF, DOCX, TXT, or images) - or API docs having endpoint details, including:

- Authentication type
- Headers
- Request payloads
- Expected responses and error codes

12.3 Fill Project Information

Provide basic project metadata:

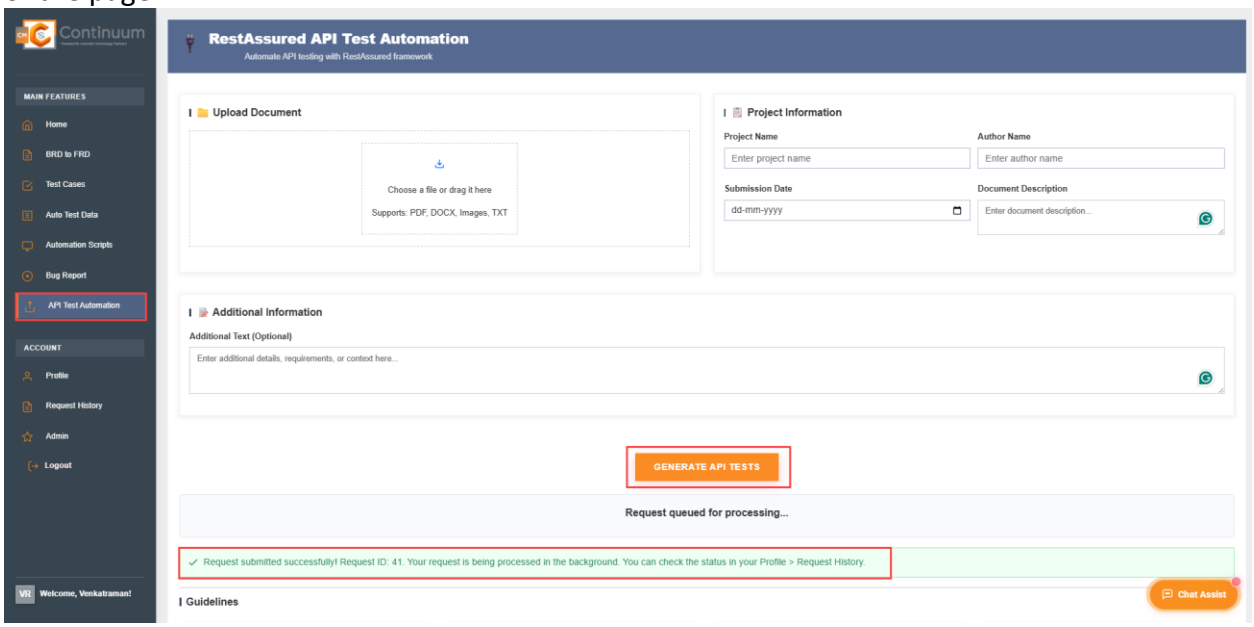
Field	Description
Project Name	Enter the project or module name for context.
Author Name	Identify the API doc owner.
Submission Date	Use the dd-mm-yyyy format or select from the calendar picker.
Document Description	Provide a brief context of API tests.

12.4 Add Additional Information (Optional)

3. Expand the Additional Information section.
   Include further details like:
   - Environment URLs
   - Sample payloads
   - Edge cases or boundary conditions

12.5 Generate API Tests

4. Once all required fields are completed, click the "**Generate API Tests**" button at the bottom of the page.



The AI engine will create:

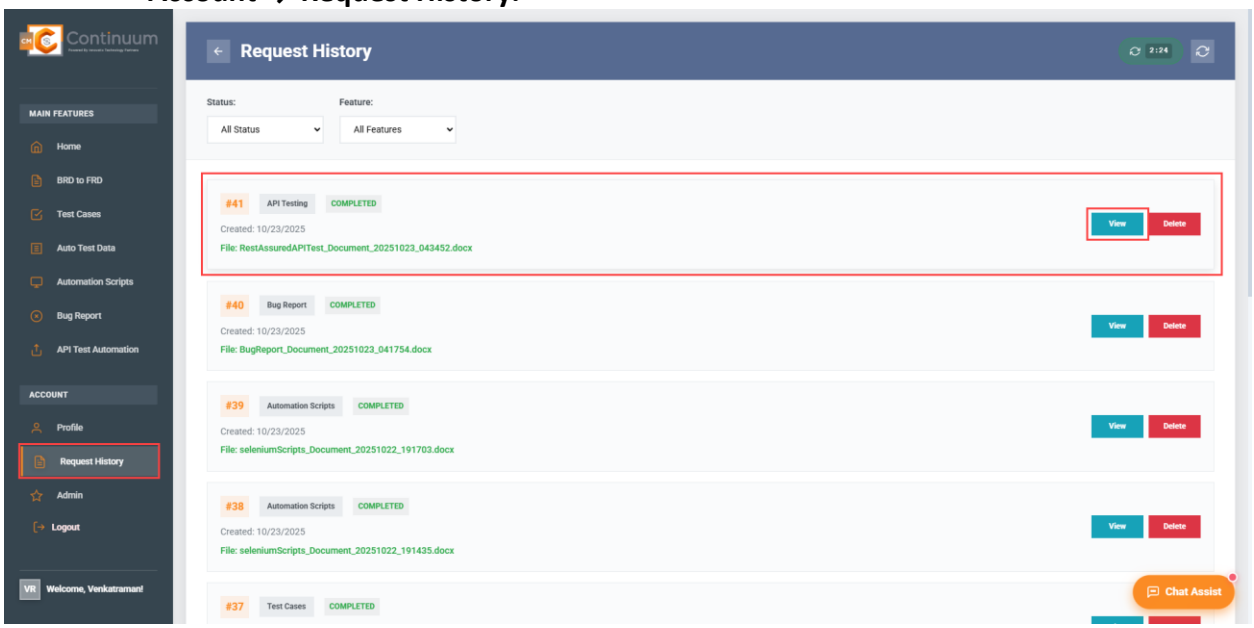
- RestAssured test scripts mapped to endpoints

- BDD feature files
- Step definitions
- Hooks, reusable helpers, and test data templates

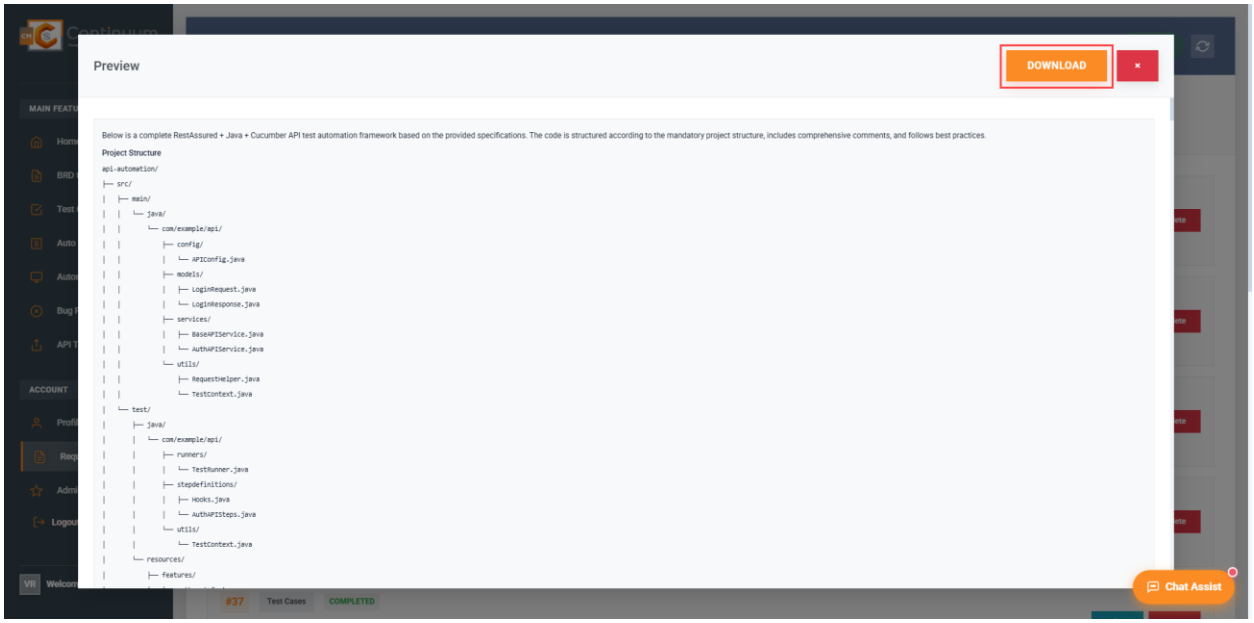
5. A progress indicator will show the generation status and on successful request submission create a Request ID. Depending on file size and complexity, this may take a few seconds to a few minutes.

12.6 Preview and Download

6. Once complete, you'll receive a success message and a **Request ID**.
    - You can view the generated API test reports and your previous conversions in **Account → Request History.**



7. Click **View** to preview the API test reports document.



8. Click **Download** to save the API test reports document to your system as a PDF file.

Below is a complete RestAssured + Java + Cucumber API test automation framework based on the provided specifications. The code is structured according to the mandatory project structure, includes comprehensive comments, and follows best practices.

Project Structure

```
api-automation/
├── src/
│   ├── main/
│   │   └── java/
│   │       └── com/example/api/
│   │           ├── config/
│   │           │   └── APIConfig.java
│   │           ├── models/
│   │           │   ├── LoginRequest.java
│   │           │   └── LoginResponse.java
│   │           ├── services/
│   │           │   ├── BaseAPIService.java
│   │           │   └── AuthAPIService.java
│   │           └── utils/
│   │               ├── RequestHelper.java
│   │               └── TestContext.java
│   └── test/
│       ├── java/
│       │   └── com/example/api/
│       │       ├── runners/
│       │       │   └── TestRunner.java
│       │       ├── stepdefinitions/
│       │       │   ├── Hooks.java
│       │       │   └── AuthAPISteps.java
```

12.7 What You Get

- Scenario outlines and examples for each endpoint
- Assertions for status codes, headers, and response payloads
- Hooks and reusable helper functions for setup/teardown

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- CI/CD-ready structure and logging for integration with automated pipelines

Pro Tip
Provide concrete example payloads and boundary values for your API endpoints to generate richer test scenarios with thorough coverage.