# Creating a New Application Using Pega GenAI Blueprint

key benefits of using the GenAI Blueprint feature in Pega

1. Accelerated Application Development
   Blueprints automate the initial setup of case types, data models, and workflows, reducing manual effort and speeding up development.
2. Consistency and Standardization
   They ensure that applications follow best practices and maintain a consistent structure across projects.
3. Easy Customization
   Developers can quickly modify stages, steps, and data types generated by the blueprint to align with specific business requirements.

4. Improved Collaboration
   Blueprints provide a clear visual representation of the application design, making it easier for business and IT teams to collaborate.

5. Reduced Errors
   By automating repetitive tasks and generating predefined components, blueprints minimize human errors during initial setup.
6. Seamless Integration
   Blueprints support integration with external systems for identity verification, payment processing, and compliance checks.

Step 1: Select Industry

As a developer, start by selecting the industry for which you are building the application from scratch. For this example, select Other and click Next.
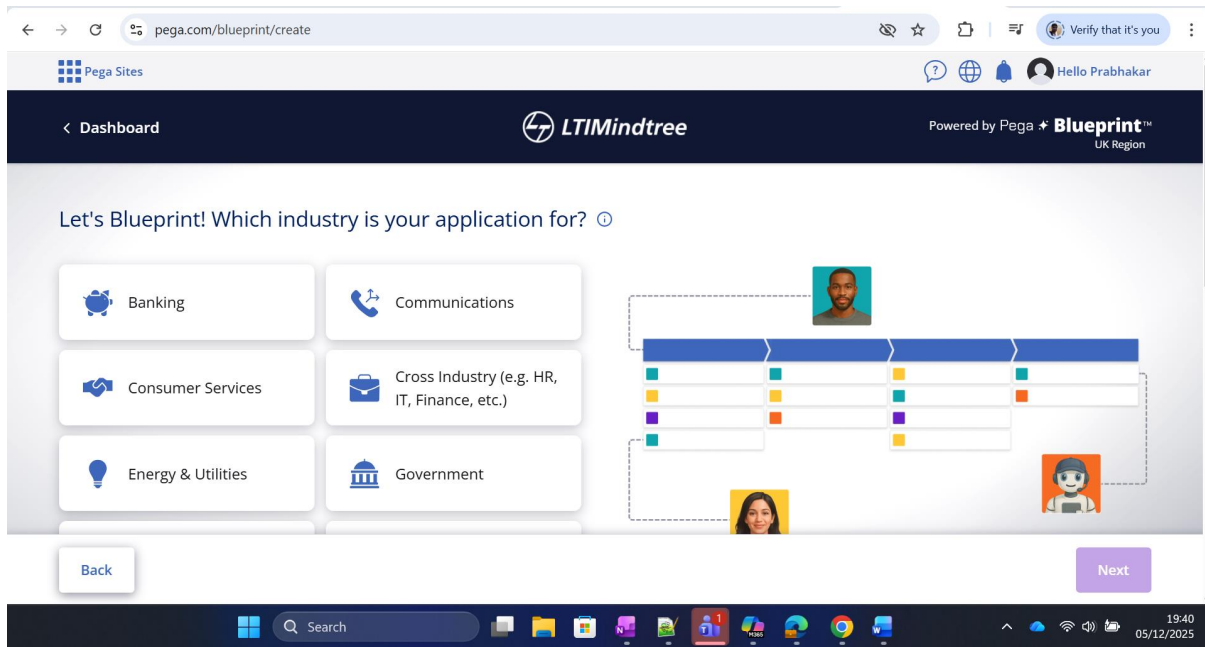
Step 2: Provide Application Details

Enter the application description. For this guide, we are building a Passport Application using the Pega Platform.

Description

This application facilitates the end-to-end process of applying for a new passport through an automated workflow built on the Pega platform. It enables applicants to:

- Submit personal details
- Upload required documents
- Schedule appointments
- Track application status seamlessly

The solution ensures compliance with government regulations and integrates with external systems for identity verification and payment processing.
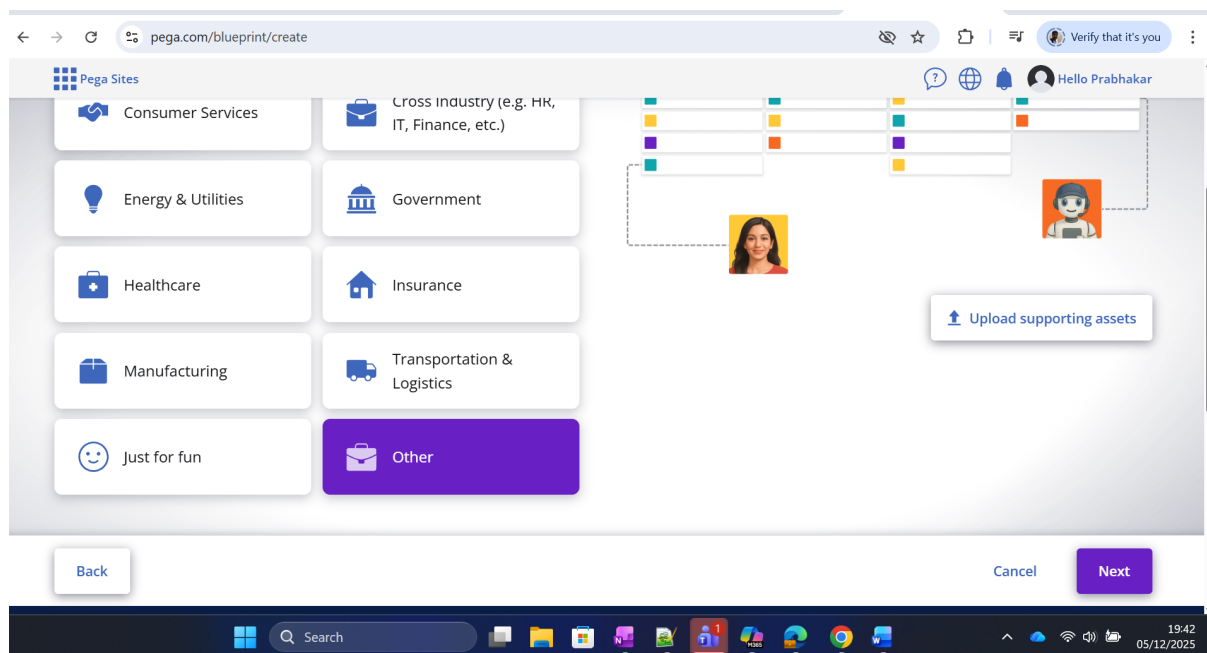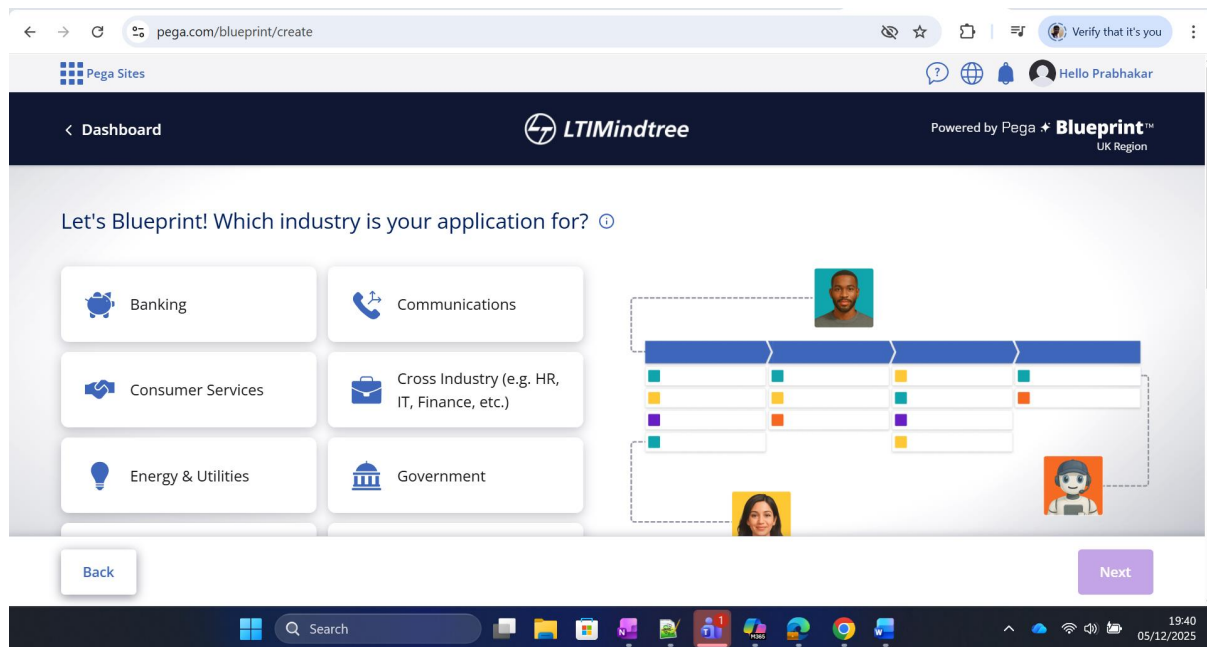
Step 3: Generate Blueprint

After clicking Next, the blueprint is generated with case types based on the business requirements provided. The workflow and data model are automatically prepared. You can:

- Modify stages or steps as needed
- Add alternate stages manually for each case type
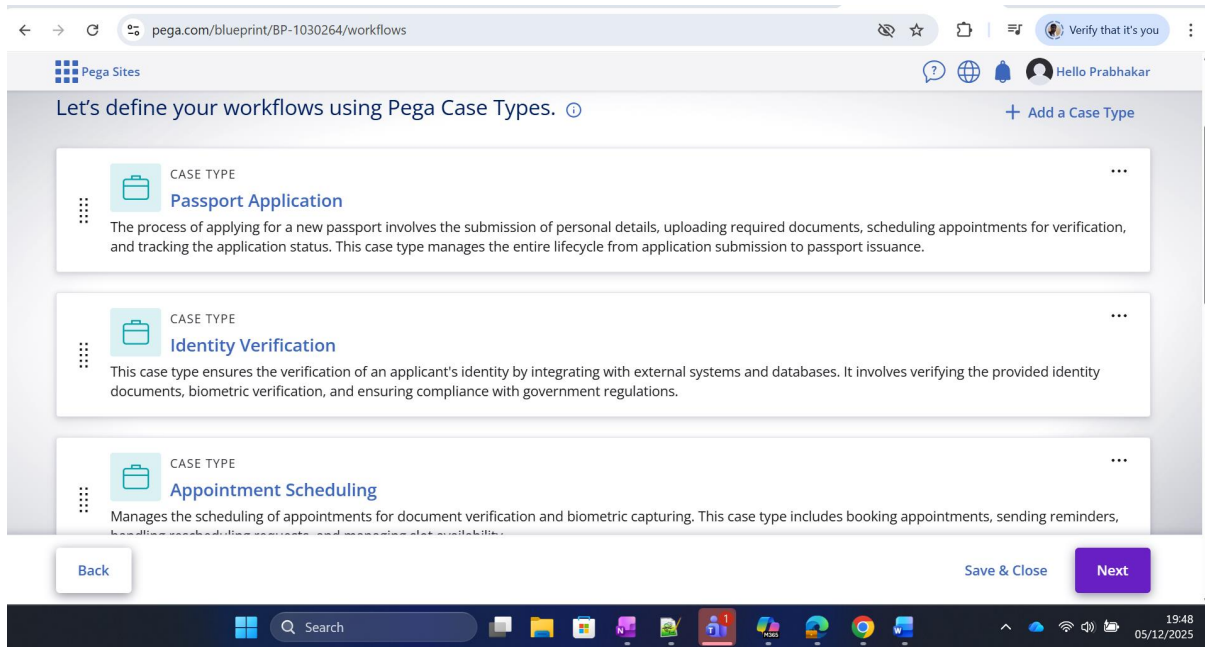
Step 4: Review Data Types

The blueprint also generates data types based on the defined case types. Review these data types and make adjustments if necessary.
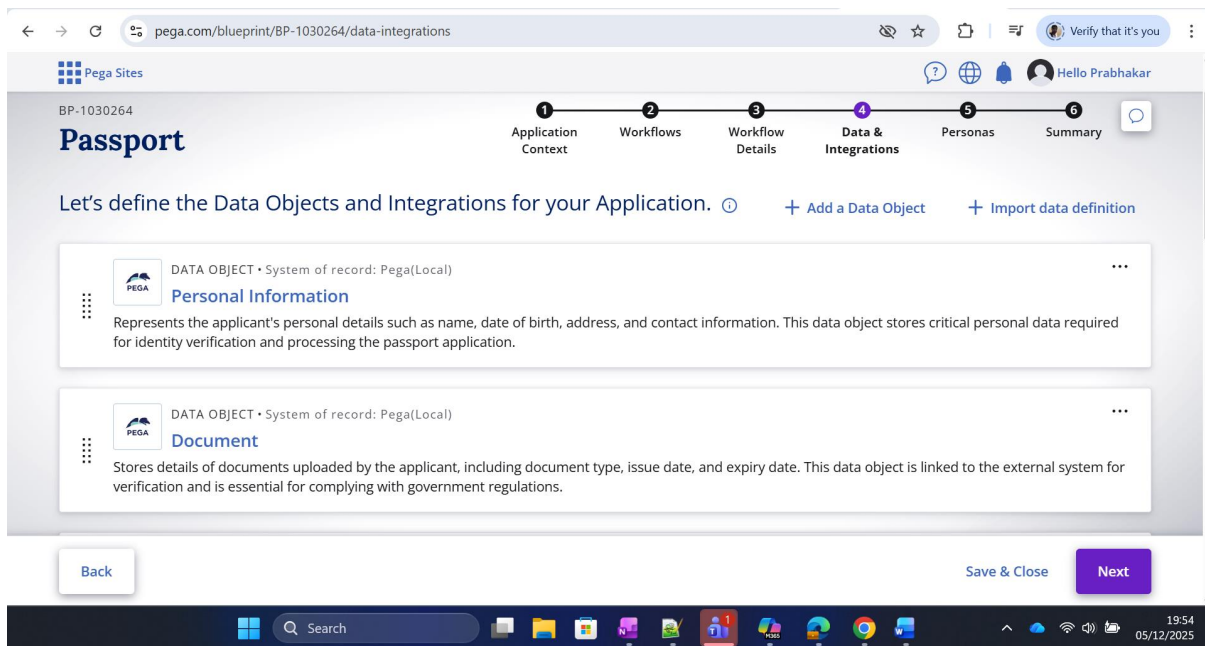
Step 5: Creating personas

After the blueprint generates the data types, click **Next** to proceed. At this stage, the system will automatically create the required personas.
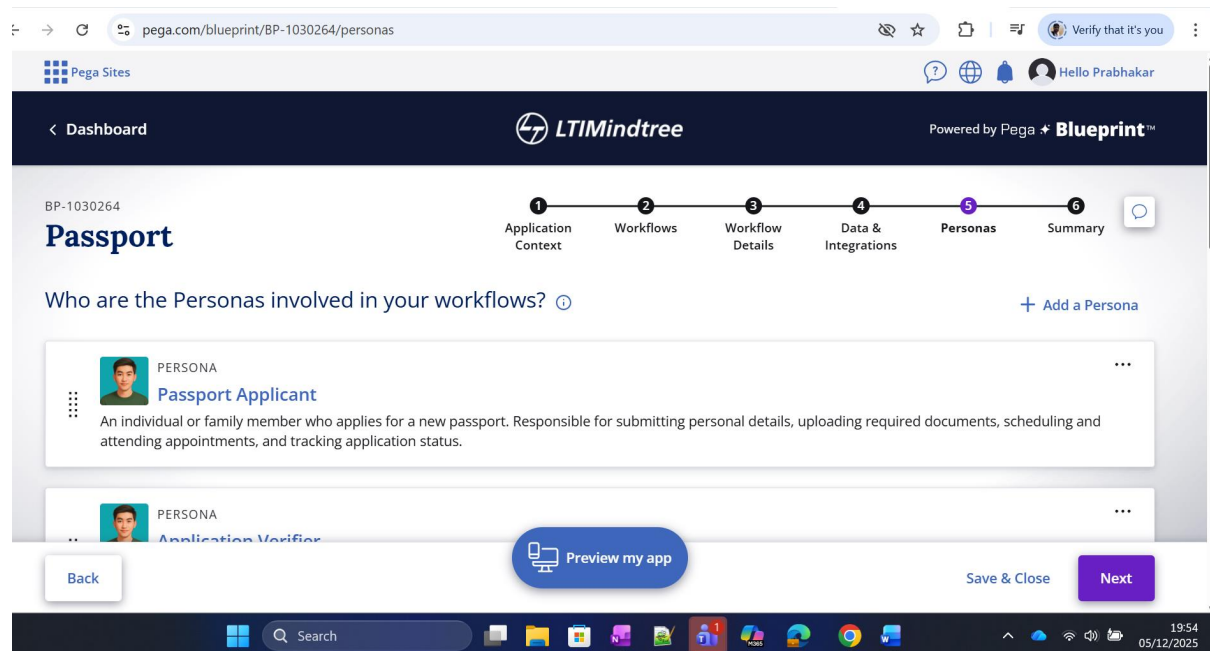
Step 5: Download and Upload Blueprint
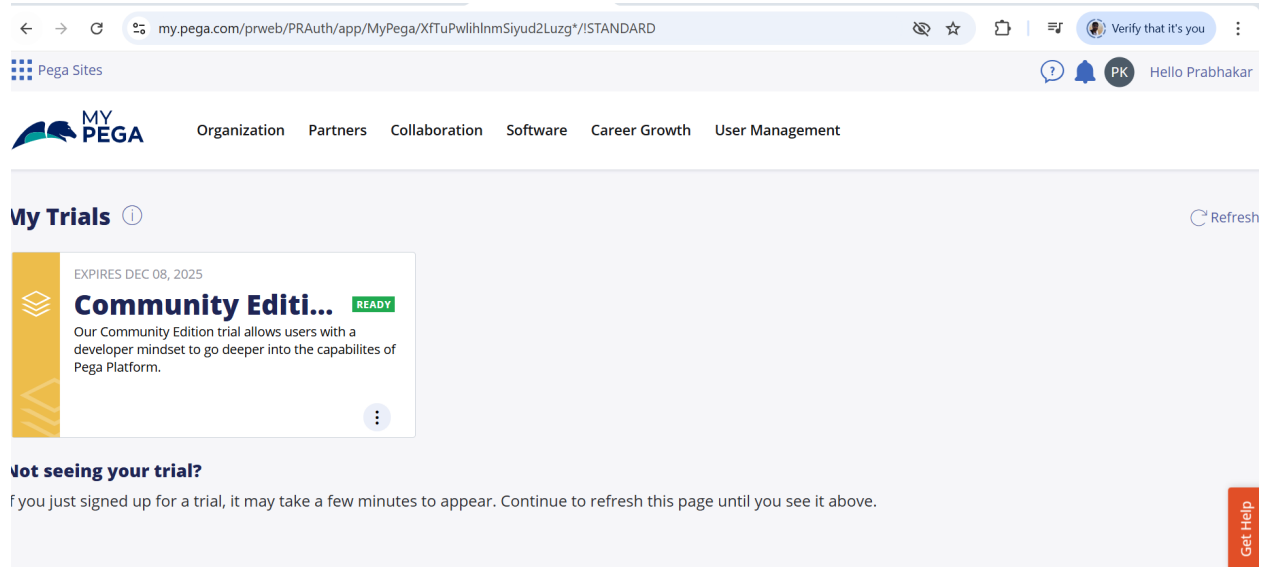
Once the blueprint is prepared:
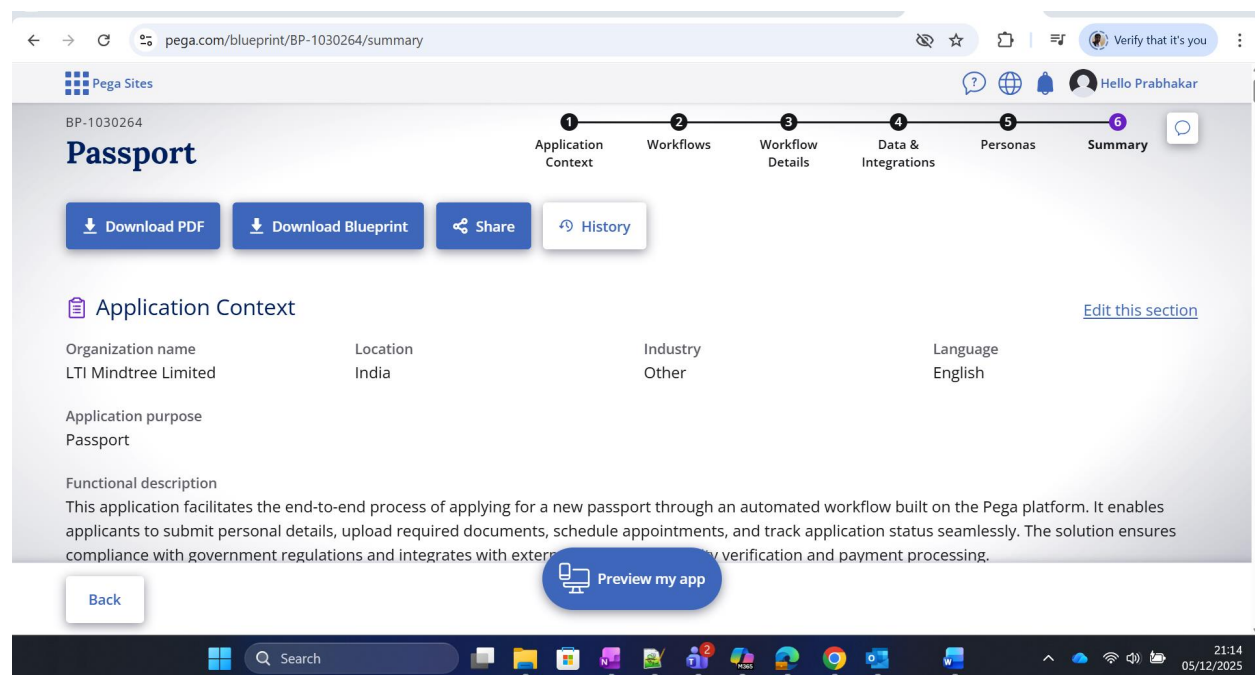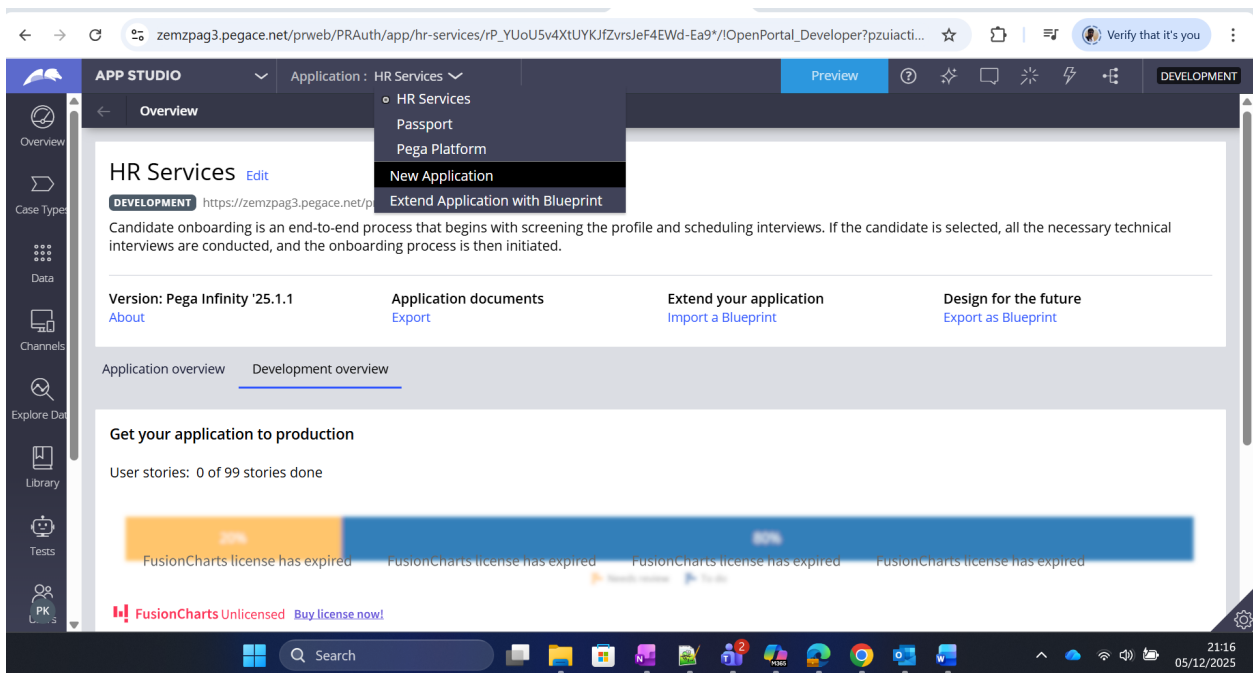
1. Download the blueprint file.

| 📄 Passport_20251205T142541852 GMT.blueprint | 05/12/2025 19:55 | BLUEPRINT File | 278 KB |

2. Log in to the Pega Community Edition and access the Pega Platform.

3. Navigate to New Application Wizard, which redirects to the Blueprint screen.

4. Upload the prepared blueprint or create a new one manually if required.
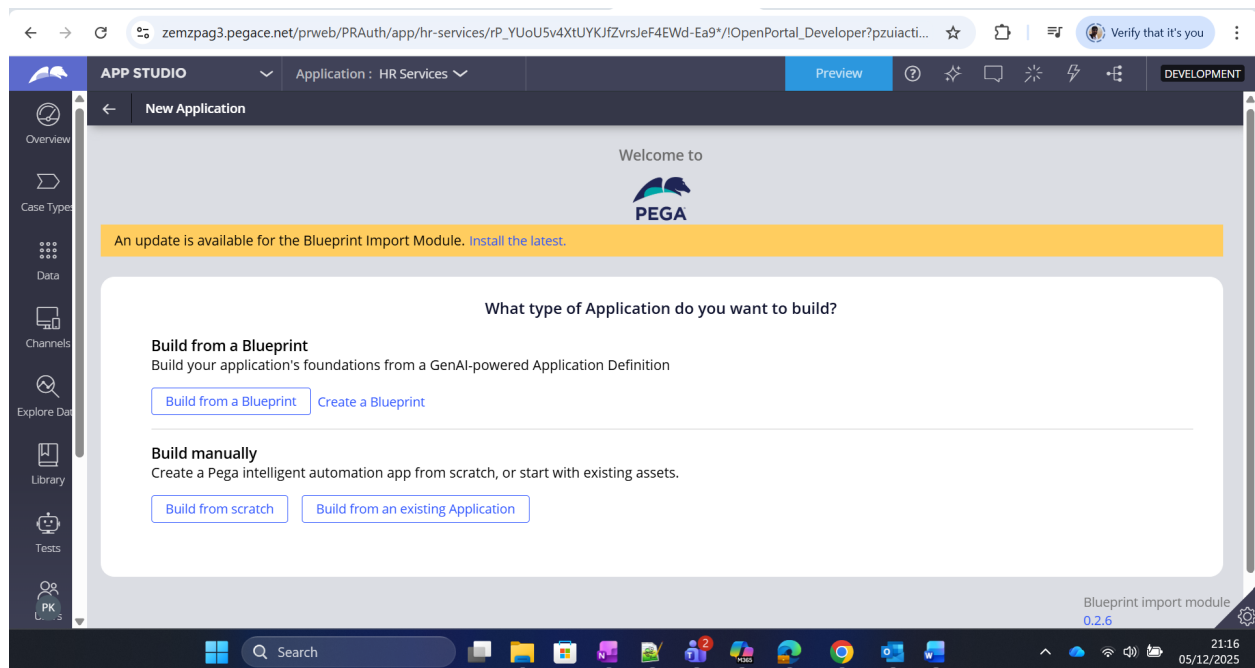
Step 6: Preview and Confirm

After uploading, review the blueprint details in the preview screen. Once confirmed, the blueprint is successfully uploaded into the Pega Platform. All rules and objects will be created under the BP-2 branch.

Screenshot 1:

zemzpag3.pegace.net/prweb/PRAuth/app/hr-services/rP_YUoU5v4XtUYKJfZvrsJeF4EWd-Ea9*/!STANDARD

Verify that it's you

APP STUDIO   Application : HR Services

Preview   DEVELOPMENT

New Application

An update is available for the Blueprint Import Module. Install the latest version.

Overview
Case Types
Data
Channels
Explore Da
Library
Tests
Users
AI Design
Settings

status seamlessly. The solution ensures compliance with government regulations and integrates with external systems for identity verification and payment processing.

Application Settings | **Blueprint Details**

📋 **Business needs**

Who is this for?

| Organization Name | Industry | Language |
| LTI Mindtree Limited | Other | English |

What should it do?

Application purpose
Passport

Functional description
This application facilitates the end-to-end process of applying for a new passport through an automated workflow built on the Pega platform. It enables applicants to submit personal details, upload required documents, schedule appointments, and track application status seamlessly. The solution ensures compliance with government regulations and integrates with external systems for identity verification and payment processing.

Case Types | Data Objects | Personas | Sample Data

Customize build | Build now   Blueprint import module 0.2.6

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Screenshot 2:

zemzpag3.pegace.net/prweb/PRAuth/app/hr-services/rP_YUoU5v4XtUYKJfZvrsJeF4EWd-Ea9*/!STANDARD

Verify that it's you

APP STUDIO   Application : HR Services

Preview   DEVELOPMENT

Overview
Case Types
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Users

Congratulations!

Your Blueprint has been successfully built.

Objects built in **BP-2** Branch:

✅ 5 Case types
✅ 6 Data Objects
✅ 6 Personas
✅ 3 Channels

Optionally, add users. Build better applications as a team.

Select a user or add user by email address... | Authors | Add

PK   Prabhakar Kamireddy (You)
Authors

Go to new application

Blueprint import module 0.2.6

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