

# Genysys



# Our Team



**Harshith Gavara Sai Sree**



**Danush Athithya R K**



**Riya Joseph**



**Navaneeth G Krishnan**



**Hari Charan S**

# Agenda

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# Abstract Problem

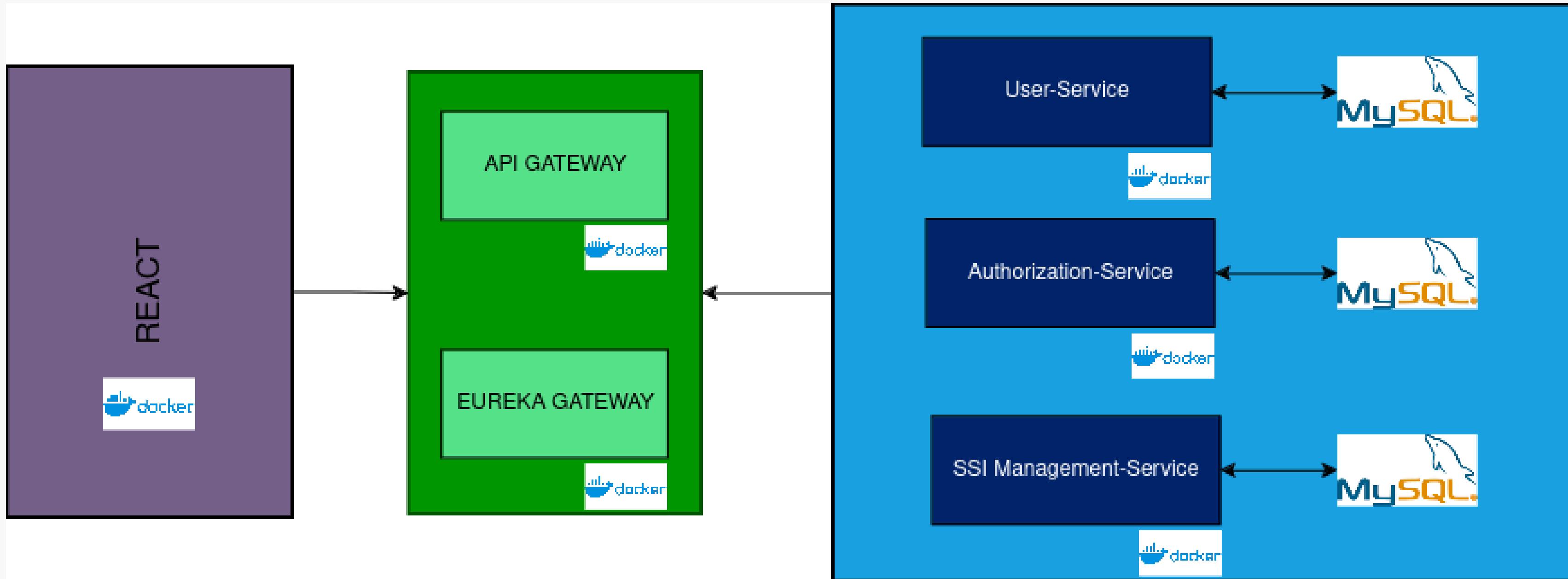
Build a user-interface to configure and manage Standard Settlement Instructions (SSI) for various counterparties across asset classes.

# Proposed Solutions

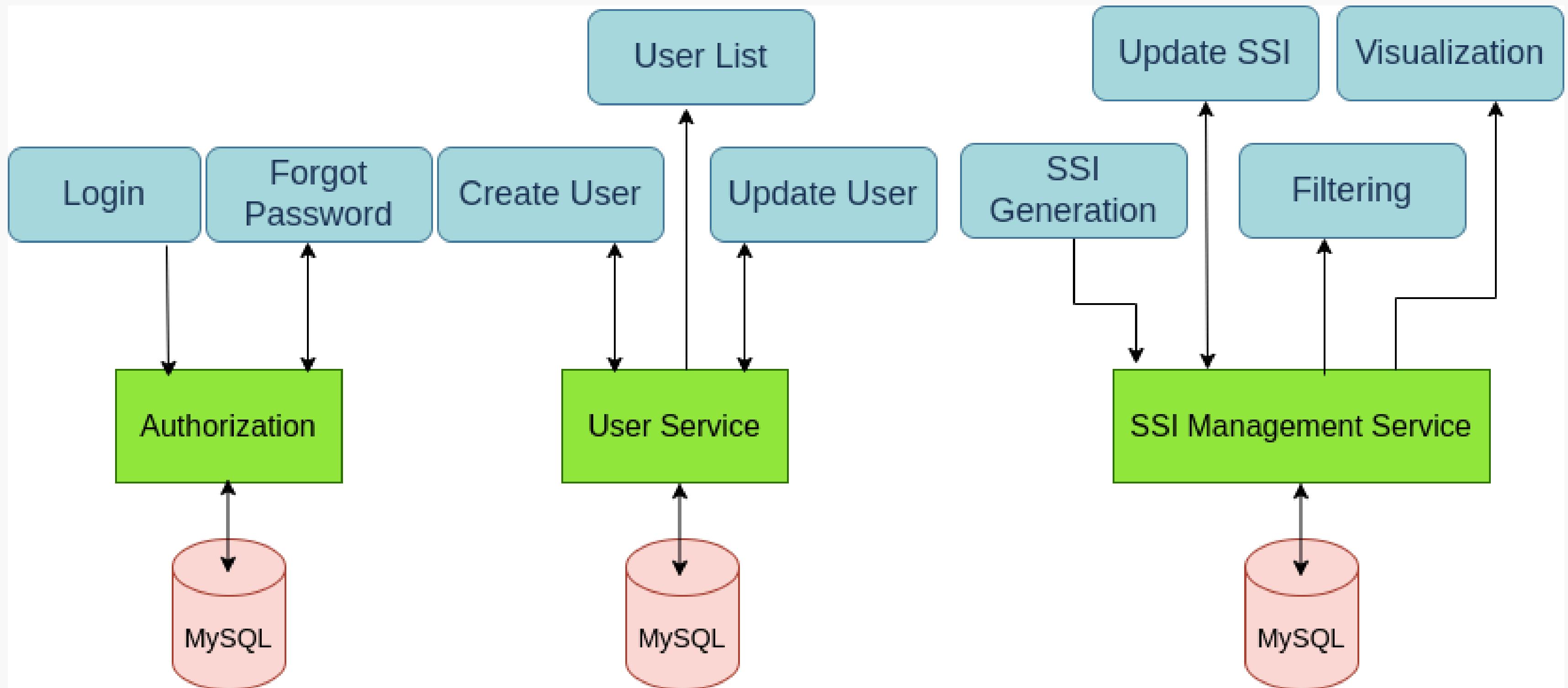
## **Creating a user-interface for configuring and managing Standard Settlement Instructions (SSI) across various counterparties and asset classes**

- A central view that provides an overview of all SSIs, with indicators for their status (active, issues, pending approval, etc.).
- Allows users to create, edit, and deactivate SSIs. This module should support different asset classes and be flexible to handle specific requirements of each class.
- Features to ensure that all SSI data is handled in compliance with international standards and regulatory requirements, including data encryption and role-based access controls.
- Various graphs for SSI for the representation of various data present in the application.

# Architecture Diagram

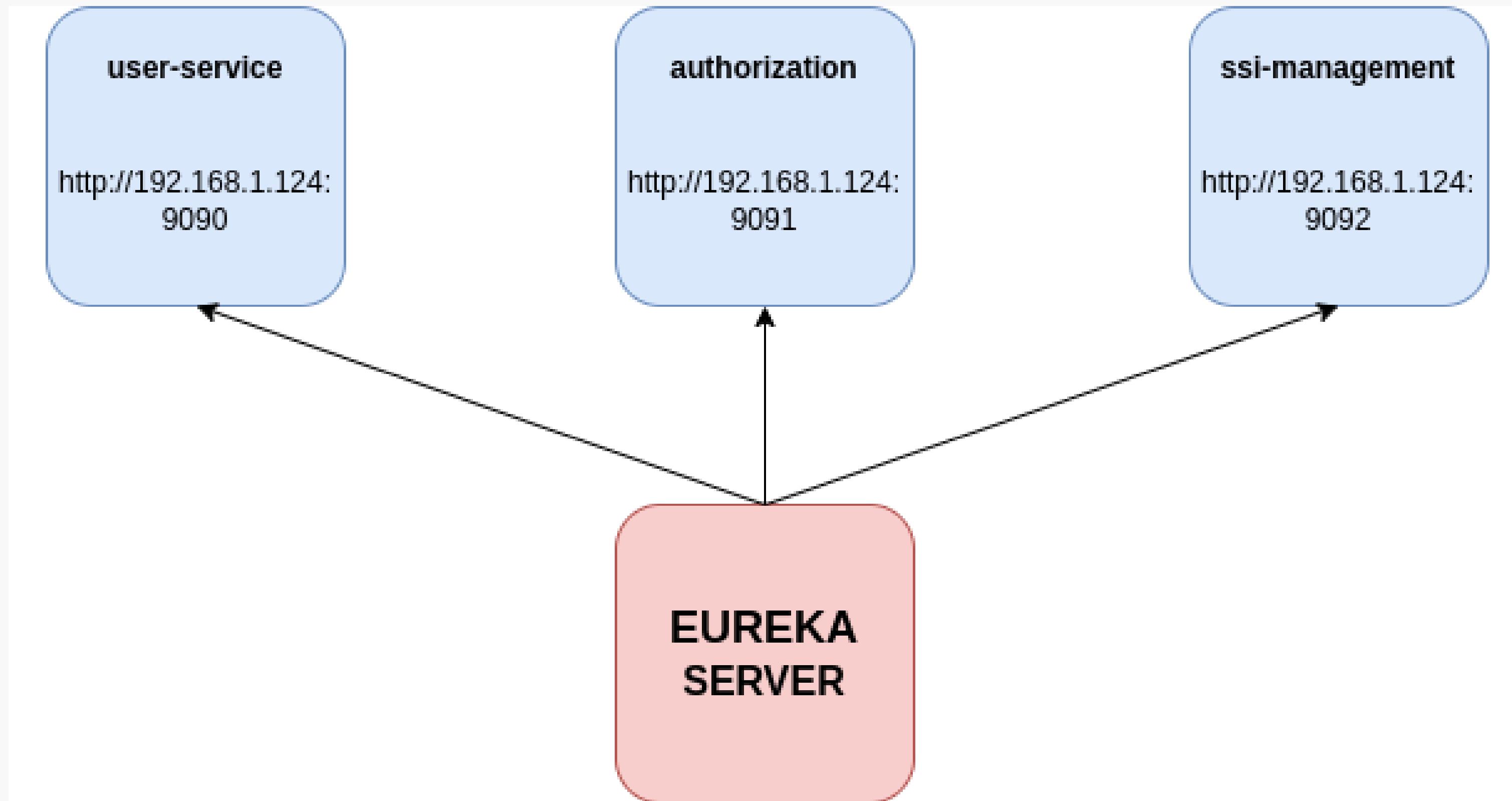


# Data Flow Diagram



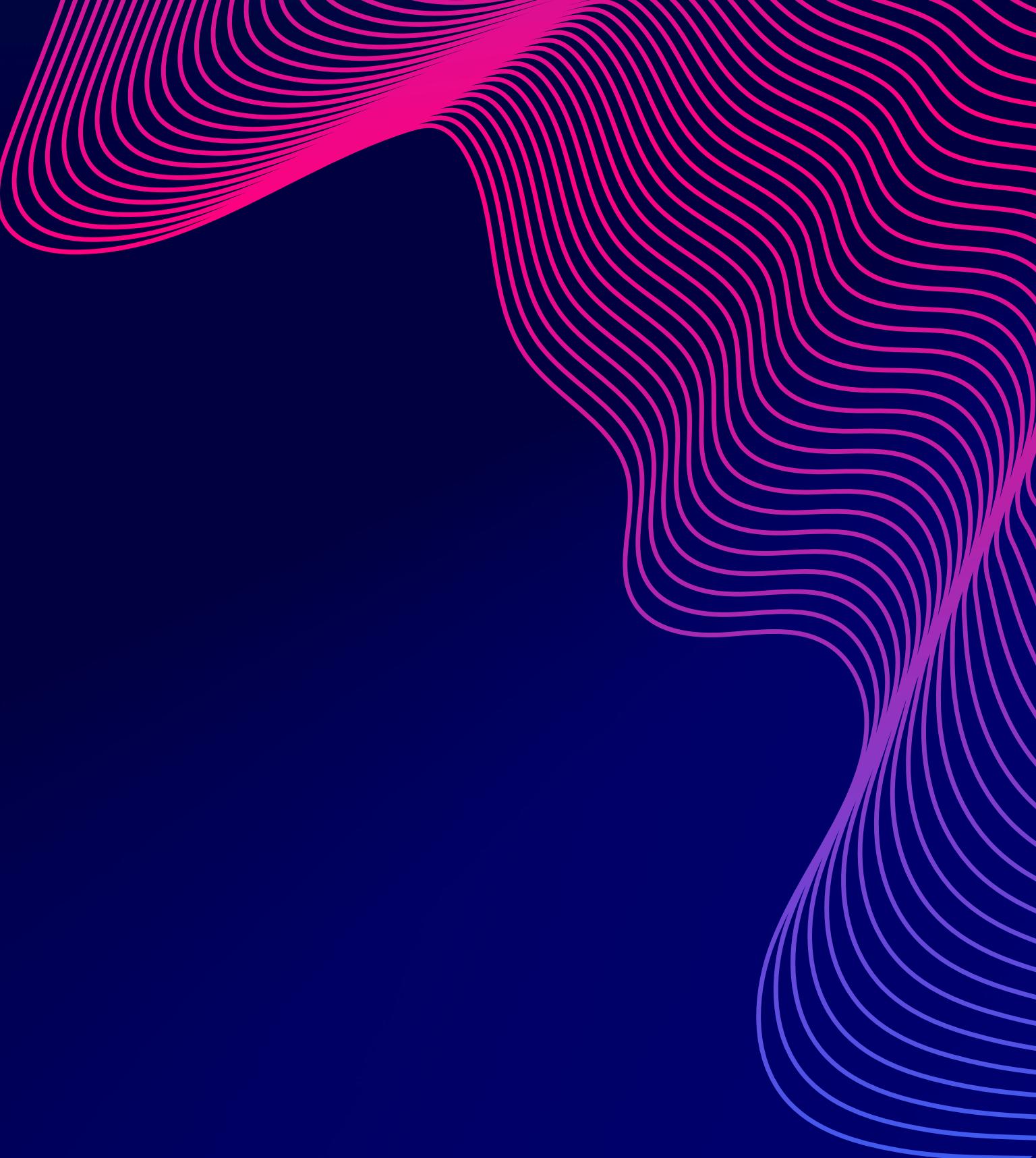
# Microservice Pattern

# Eureka Server





# Product Demo



# Tech Stack

These are the technologies we have used in our project.

Front-end



AXIOS

Back-end



# Future Scope

- Mobile App for better accessibility
- Implementing Whatsapp notifications
- Display notifications within the app



# Revenue Generation

The different ways by which our app can generate revenue is given here.



Subscription Services to Corporate Clients



Transaction Fees



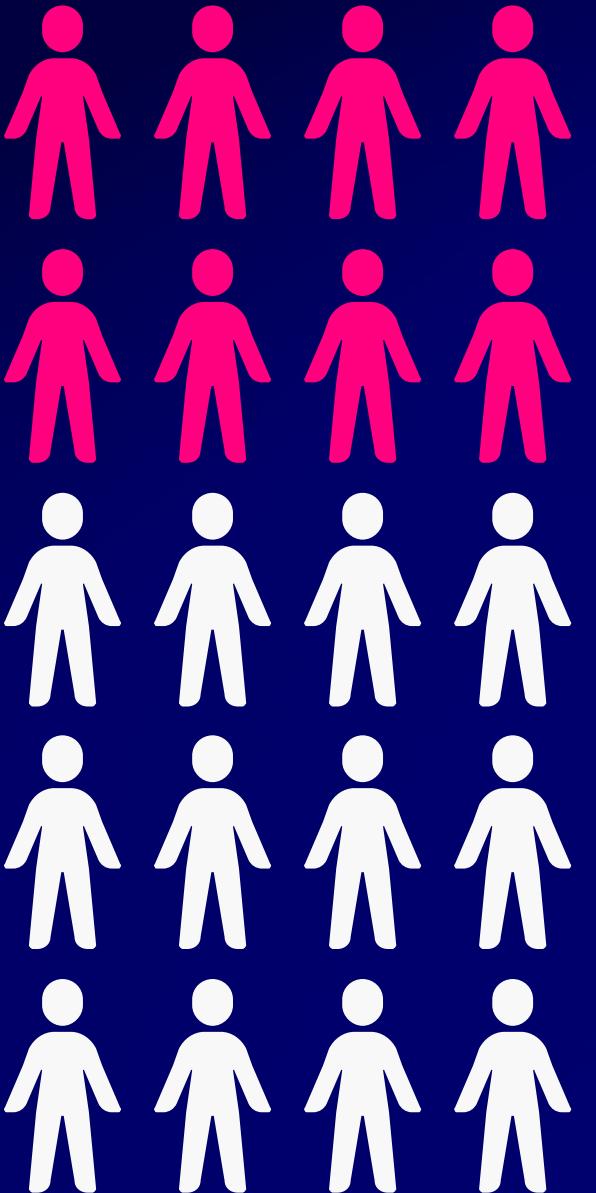
Data Insights and Analytics



API Access and Integrations

# User Stories

- As a user, I want to be able to log in to the SSI management system securely. (Done by Dhanush & Riya)
- As a user, I want to view a list of existing counterparties and their associated SSIs. (Done by Haricharan & Navaneeth)
- As a user, I want to be able to add a new counterparty along with its SSI details. (Done by Dhanush & Harshith)
- As a user, I want to edit existing SSIs for a counterparty. (Done by Haricharan, Harshith & Navaneeth)
- As a user, I want to be visualize data based on different classes. (Done by Riya)
- As a user, I want to be able to deactivate SSIs for specific counterparties when they are no longer valid. (Done by Haricharan & Navaneeth)
- As a user, I want to search for counterparties and their SSIs based on different criteria such as name, asset class, or location. (Done by Dhanush)
- As a user, I want to be able to export SSI data for reporting purposes. (Done by Riya)



# Thank You !

