



# Welcome

## *DispatchDynamo*





# *Team* *DispatchDynamo*



Prateek



Ashish



Keerthi Vikram



Vishvaja



Amit



Gaurav



## *Pain Points*



- Inaccurate or outdated Tracking information
- Limited language support.
- Inefficient and unreliable communication with carriers and suppliers.
- Inadequate information and support for international deliveries.

## *Solutions*

# *Solutions*



- Language selection for customer/vendor convenience
- Easy communication
- International delivery support
- Payment options
- Confirmation emails

## *Pain Points*

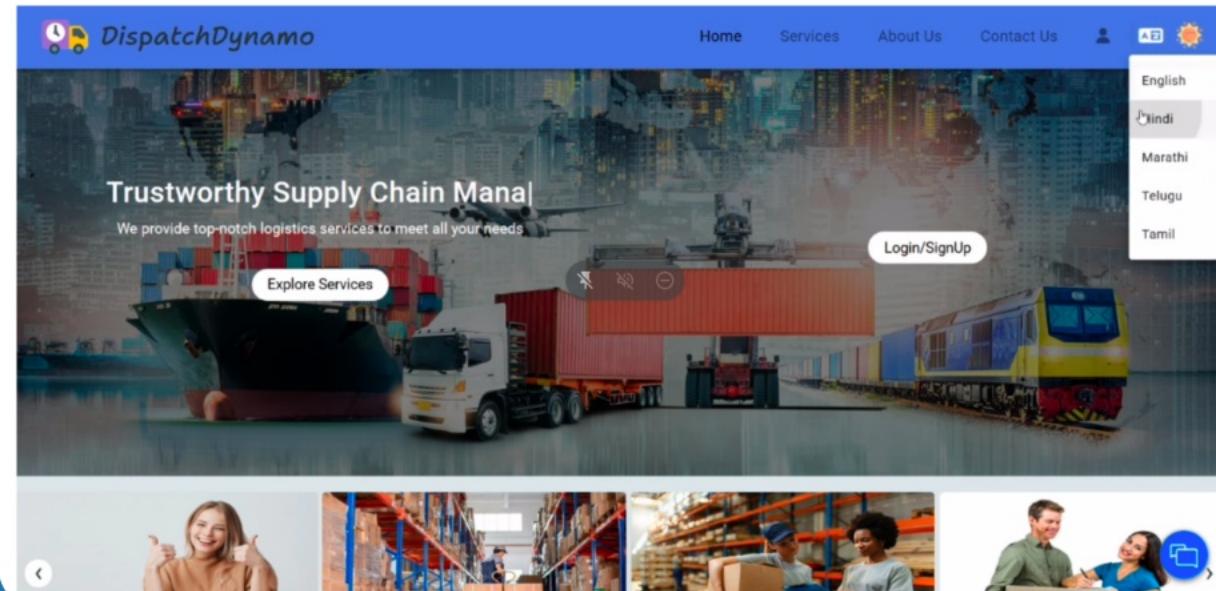


- Inaccurate or outdated Tracking information
- Limited language support.
- Inefficient and unreliable communication with carriers and suppliers.
- Inadequate information and support for international deliveries.

## *Solutions*

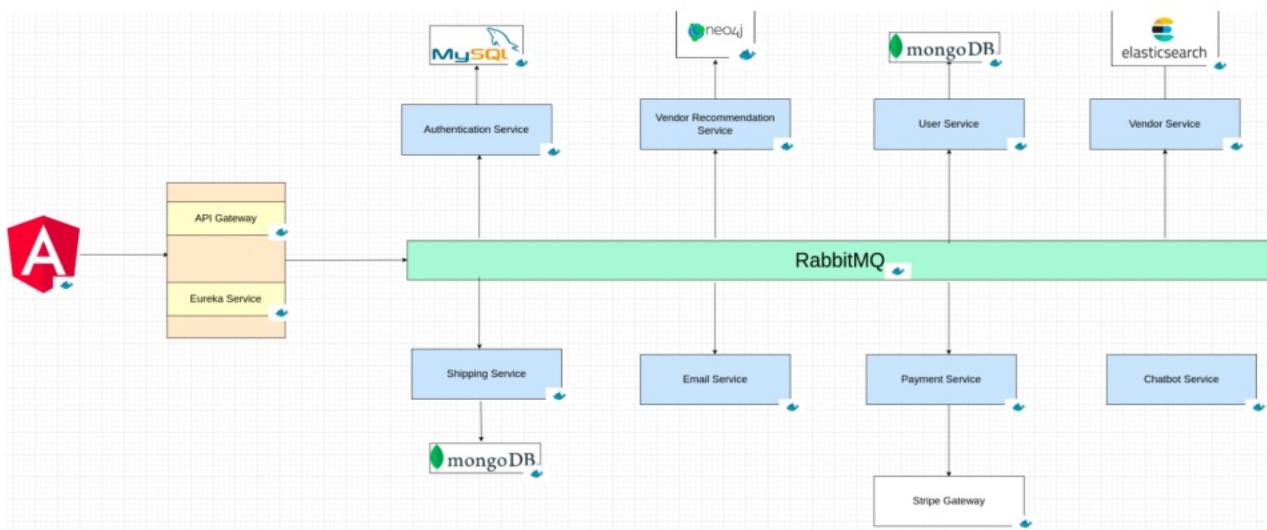


# Demo 1





# Architecture Diagram



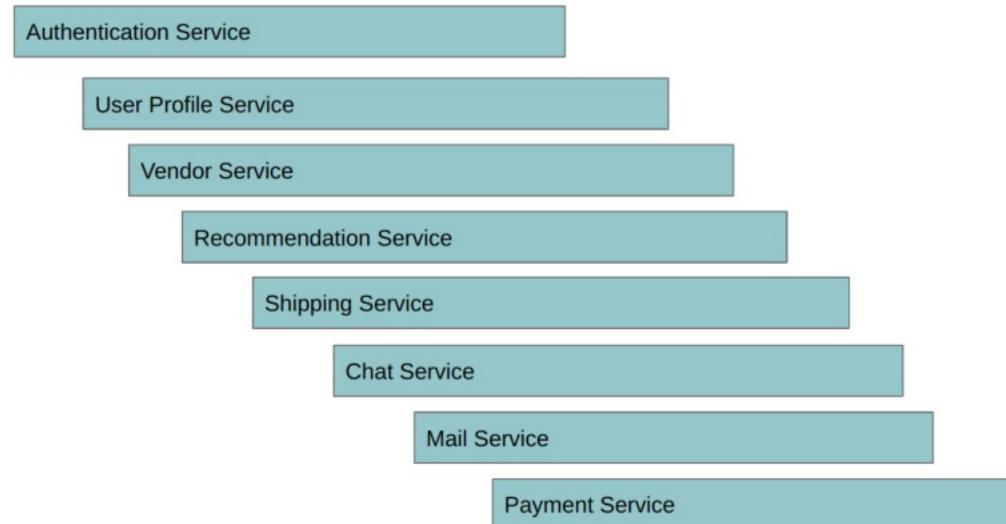
MicroServices

Databases  
Used

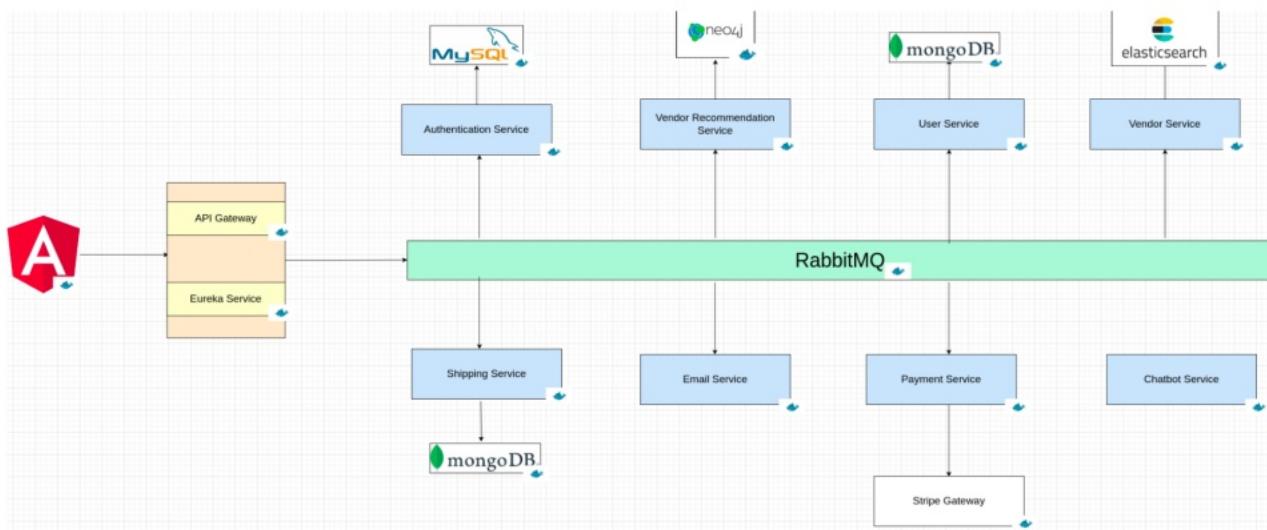
Dataflow

Docker

# *MicroServices*



# Architecture Diagram



MicroServices

Databases  
Used

Dataflow

Docker

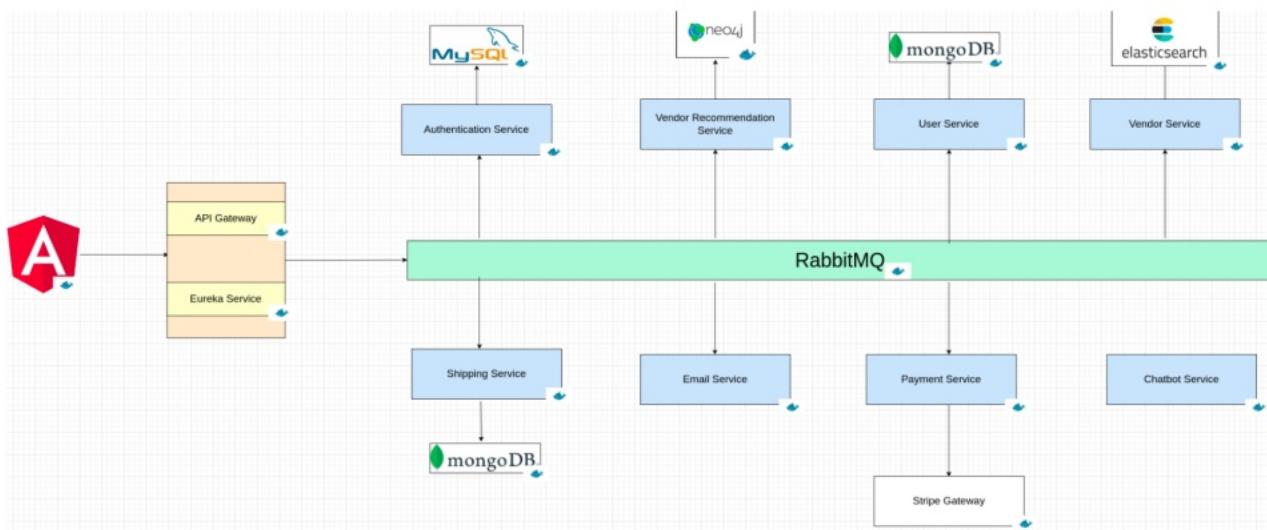
## *Databases Used*



elasticsearch



# Architecture Diagram



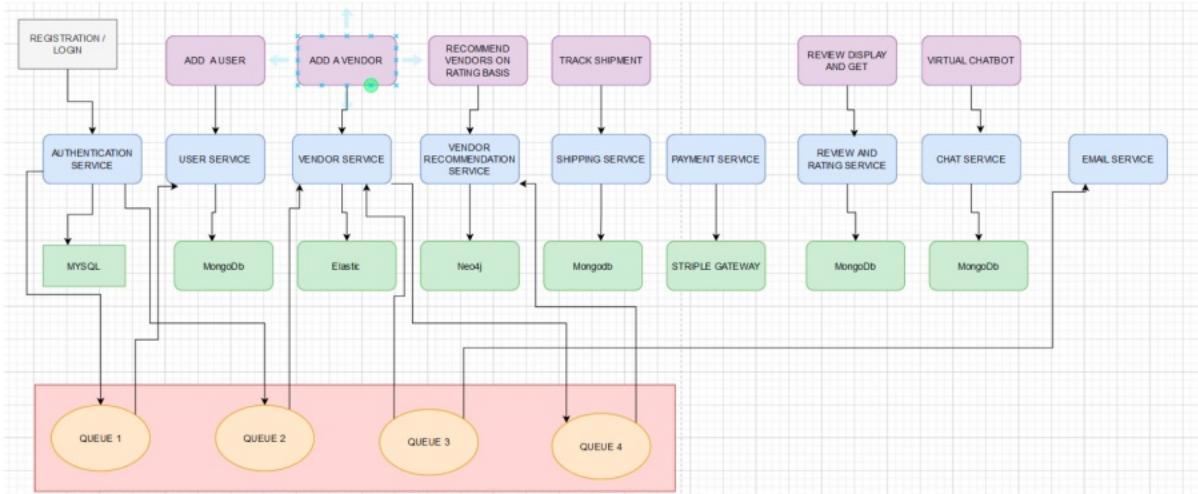
MicroServices

Databases  
Used

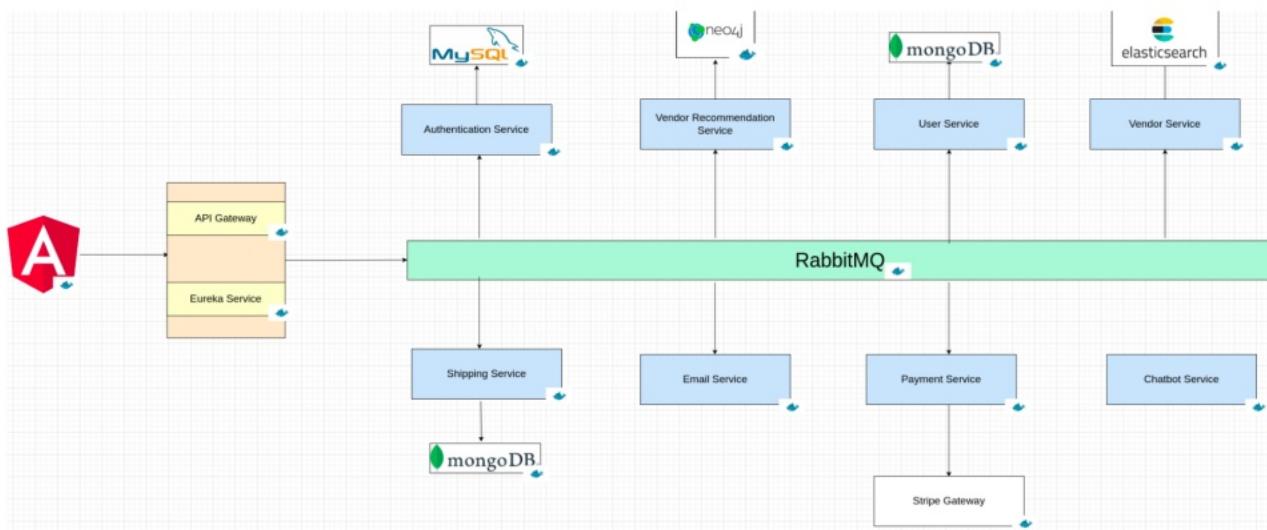
Dataflow

Docker

# Dataflow Diagram



# Architecture Diagram



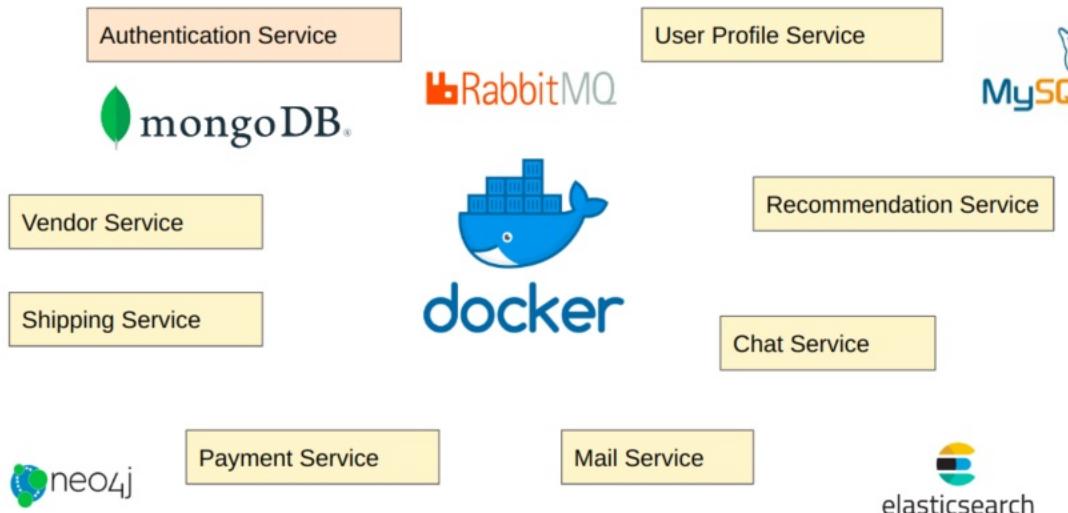
MicroServices

Databases Used

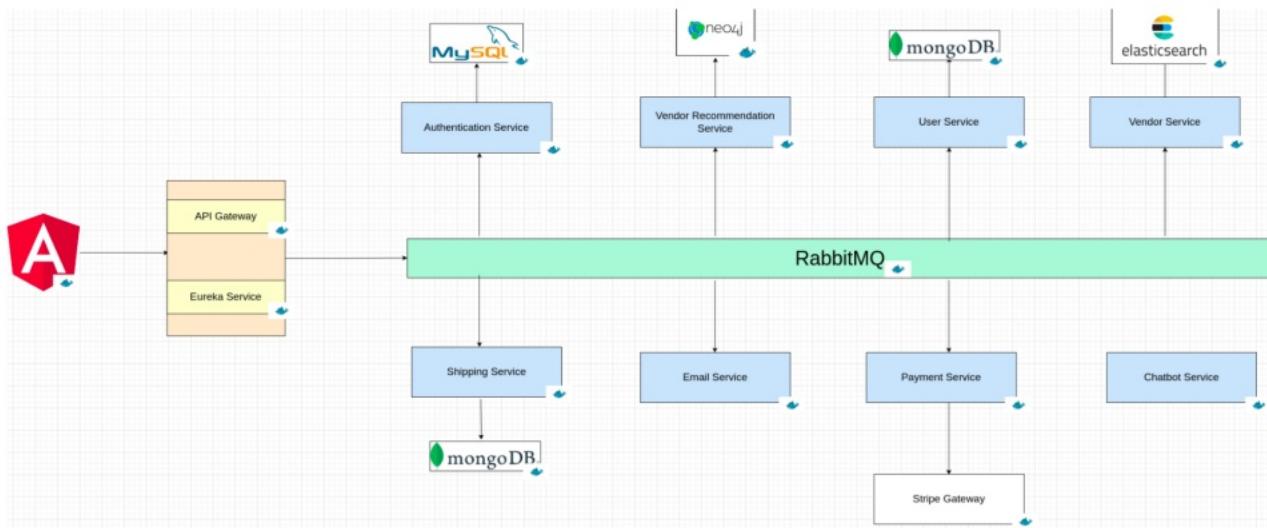
Dataflow

Docker

# Docker



# Architecture Diagram



MicroServices

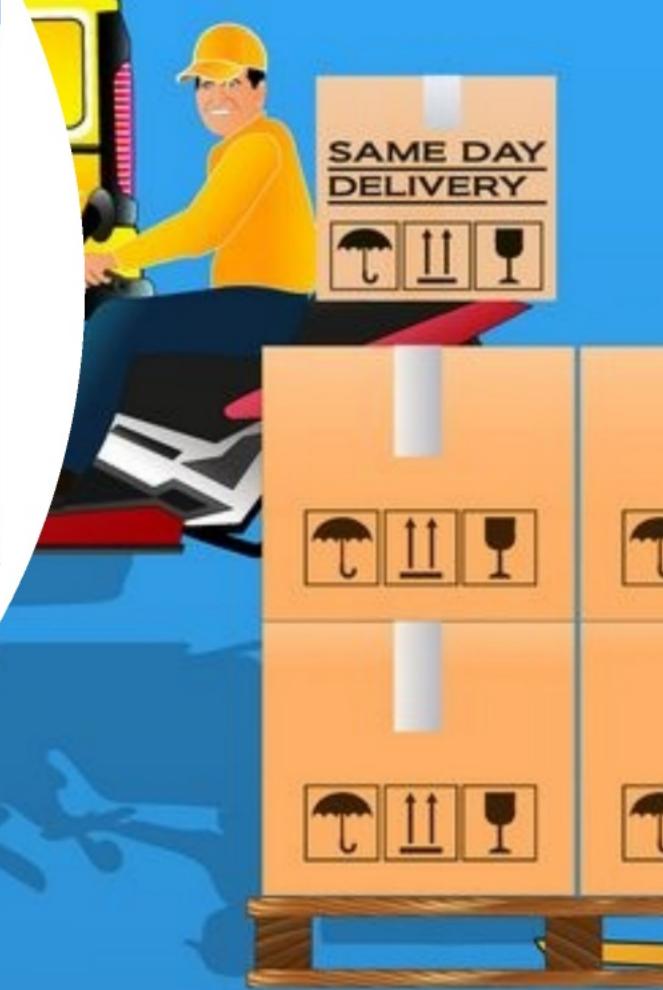
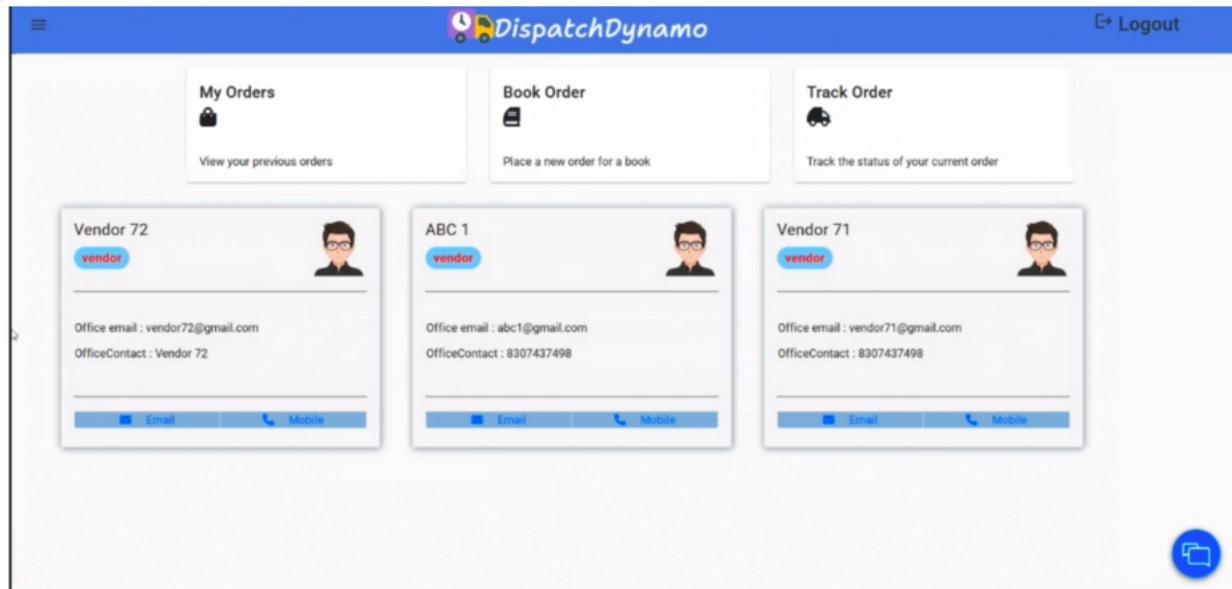
Databases Used

Dataflow

Docker



# Demo 2





# RabbitMQ

The screenshot shows the RabbitMQ Management Console interface. At the top, there are tabs for Overview, Connections, Channels, Exchanges, **Queues**, and Admin. Below the tabs, a section titled "Queues" displays a table of existing queues:

| Name         | Type    | Features | State | Messages | Message rates |       |          |               |     |
|--------------|---------|----------|-------|----------|---------------|-------|----------|---------------|-----|
|              |         |          |       | Ready    | Unacked       | Total | Incoming | deliver / get | ack |
| Mail_Queue   | classic | 0        | idle  | 42       | 0             | 42    | 0        | 0             | 0   |
| User_Queue   | classic | 0        | idle  | 0        | 0             | 0     | 0        | 0             | 0   |
| Vendor_Queue | classic | 0        | idle  | 0        | 0             | 0     | 0        | 0             | 0   |
| mail_queue   | classic | 0        | idle  | 2        | 0             | 2     | 0        | 0             | 0   |

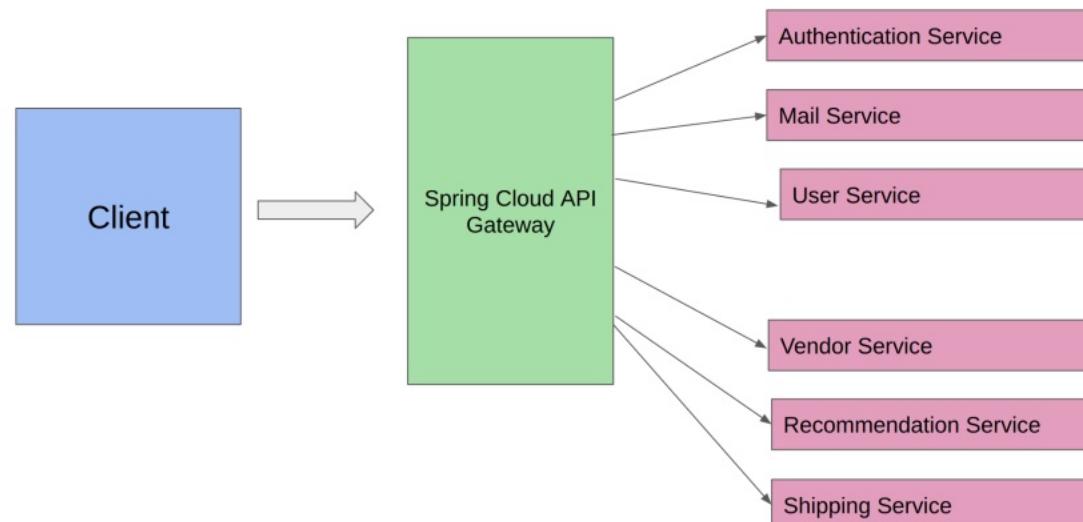
Below the table, there is a form for "Add a new queue" with fields for Type (Classic), Name, Durability (Durable), Auto delete (No), and Arguments. At the bottom of the page, there are links for HTTP API, Server Docs, Tutorials, Community Support, Commercial Support, Plugins, GitHub, and Changelog.

API  
Gateway



Eureka  
Server

# *API Gateway*



# RabbitMQ

The screenshot shows the RabbitMQ Management Console interface. At the top, there are tabs for Overview, Connections, Channels, Exchanges, **Queues**, and Admin. Below the tabs, a section titled "Queues" displays a table of existing queues:

| Name         | Type    | Features | State | Ready | Unacked | Total | Incoming | deliver / get | ack |
|--------------|---------|----------|-------|-------|---------|-------|----------|---------------|-----|
| Mail_Queue   | classic | 0        | idle  | 42    | 0       | 42    | 0        | 0             | 0   |
| User_Queue   | classic | 0        | idle  | 0     | 0       | 0     | 0        | 0             | 0   |
| Vendor_Queue | classic | 0        | idle  | 0     | 0       | 0     | 0        | 0             | 0   |
| mail_queue   | classic | 0        | idle  | 2     | 0       | 2     | 0        | 0             | 0   |

Below the table, there is a form for "Add a new queue" with fields for Type (set to Classic), Name, Durability (set to Durable), Auto delete (set to No), and Arguments. At the bottom of the page, there are links for HTTP API, Server Docs, Tutorials, Community Support, Commercial Support, Plugins, GitHub, and Changelog.

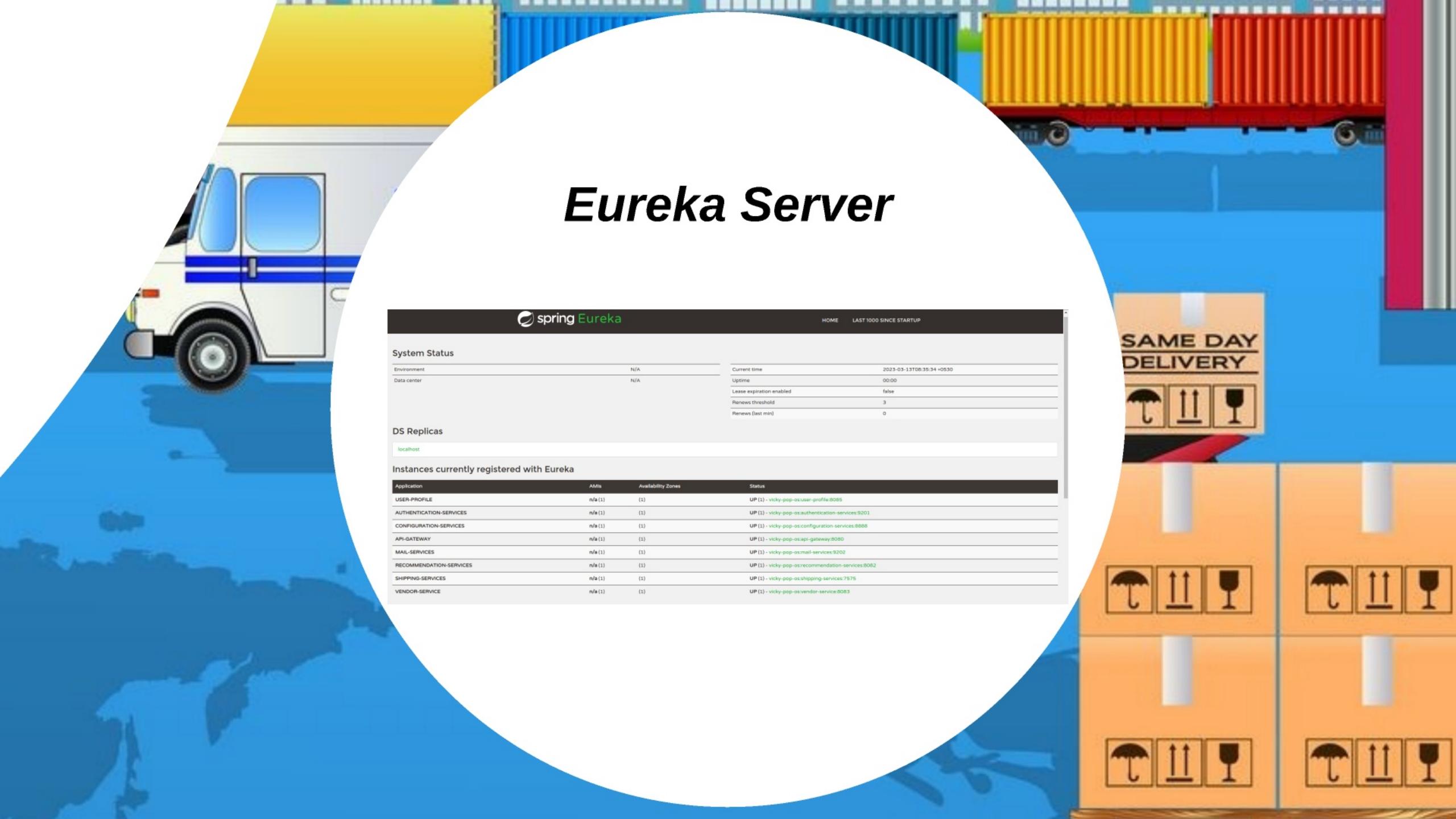
API  
Gateway



Eureka  
Server



# Eureka Server



The background features a white van with blue stripes driving on a road next to a yellow shipping container.

**spring Eureka** HOME LAST 1000 SINCE STARTUP

**System Status**

|             |     |
|-------------|-----|
| Environment | N/A |
| Data center | N/A |

|                          |                           |
|--------------------------|---------------------------|
| Current time             | 2023-03-13T08:35:34 +0530 |
| Uptime                   | 00:00                     |
| Lease expiration enabled | false                     |
| Renew threshold          | 3                         |
| Renews (last min)        | 0                         |

**DS Replicas**

|           |
|-----------|
| localhost |
|-----------|

**Instances currently registered with Eureka**

| Application             | AMIs    | Availability Zones | Status   |
|-------------------------|---------|--------------------|--|
| USER-PROFILE            | n/a (1) | {1}                | UP (1) - vicky-pop-os-user-profile:8085            |
| AUTHENTICATION-SERVICES | n/a (1) | {1}                | UP (1) - vicky-pop-os-authentication-services:9201 |
| CONFIGURATION-SERVICES  | n/a (1) | {1}                | UP (1) - vicky-pop-os-configuration-services:8668  |
| API-GATEWAY             | n/a (1) | {1}                | UP (1) - vicky-pop-os-api-gateway:8080             |
| MAIL-SERVICES           | n/a (1) | {1}                | UP (1) - vicky-pop-os-mail-services:9202           |
| RECOMMENDATION-SERVICES | n/a (1) | {1}                | UP (1) - vicky-pop-os-recommendation-services:8082 |
| SHIPPING-SERVICES       | n/a (1) | {1}                | UP (1) - vicky-pop-os-shipping-services:7875       |
| VENDOR-SERVICE          | n/a (1) | {1}                | UP (1) - vicky-pop-os-vendor-service:8083          |

# RabbitMQ

The screenshot shows the RabbitMQ Management Console interface. At the top, there are tabs for Overview, Connections, Channels, Exchanges, Queues (which is selected), and Admin. Below the tabs, a section titled "Queues" displays a table of four queues: Mail\_Queue, User\_Queue, Vendor\_Queue, and mail\_queue. The table includes columns for Name, Type, Features, State, Ready, Unacked, Total, Incoming, deliver / get, and ack. The "Ready" column shows values like 42, 0, 0, and 2 respectively. Below the table, there is a form for "Add a new queue" with fields for Name, Durability, Auto delete, and Arguments. At the bottom of the page, there are links for HTTP API, Server Docs, Tutorials, Community Support, Commercial Support, Plugins, GitHub, and Changelog.

| Name         | Type    | Features | State | Ready | Unacked | Total | Incoming | deliver / get | ack |
|--------------|---------|----------|-------|-------|---------|-------|----------|---------------|-----|
| Mail_Queue   | classic | 0        | idle  | 42    | 0       | 42    | 0        | 0             | 0   |
| User_Queue   | classic | 0        | idle  | 0     | 0       | 0     | 0        | 0             | 0   |
| Vendor_Queue | classic | 0        | idle  | 0     | 0       | 0     | 0        | 0             | 0   |
| mail_queue   | classic | 0        | idle  | 2     | 0       | 2     | 0        | 0             | 0   |

API  
Gateway

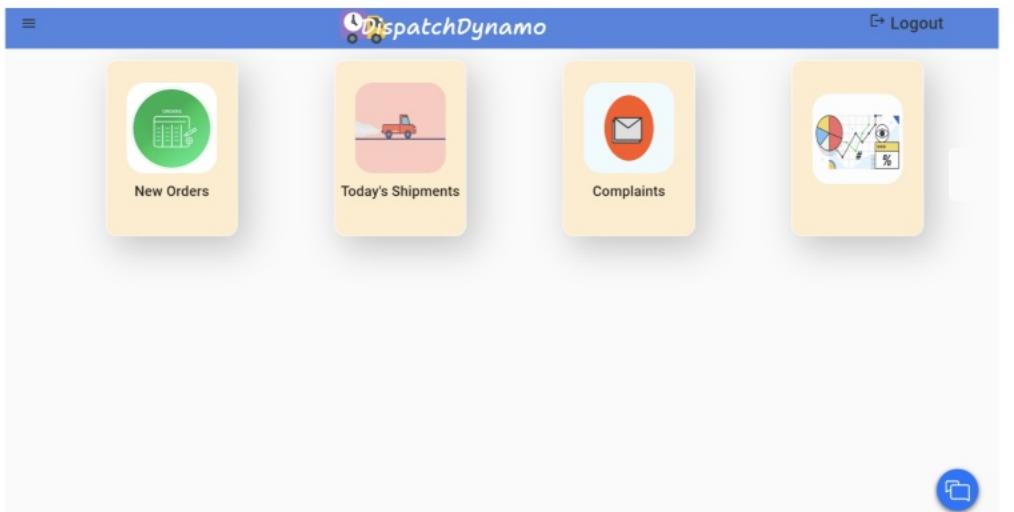


Eureka  
Server



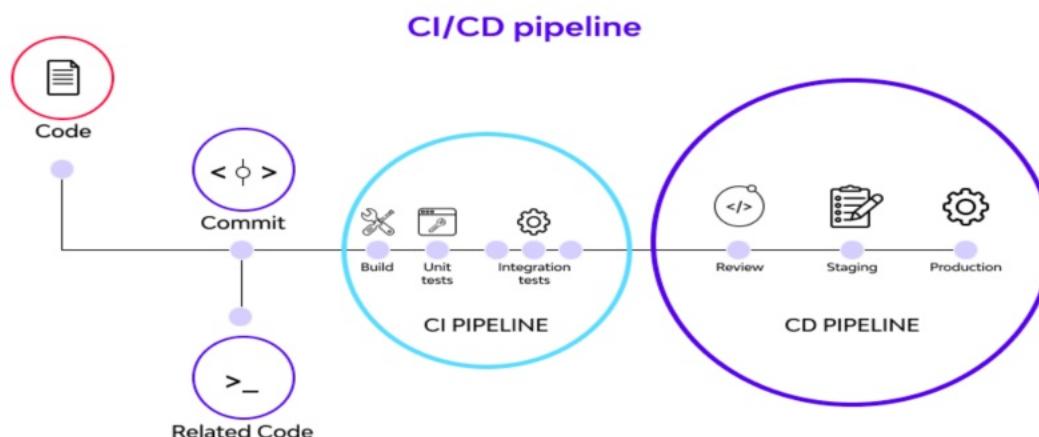


# Demo 3



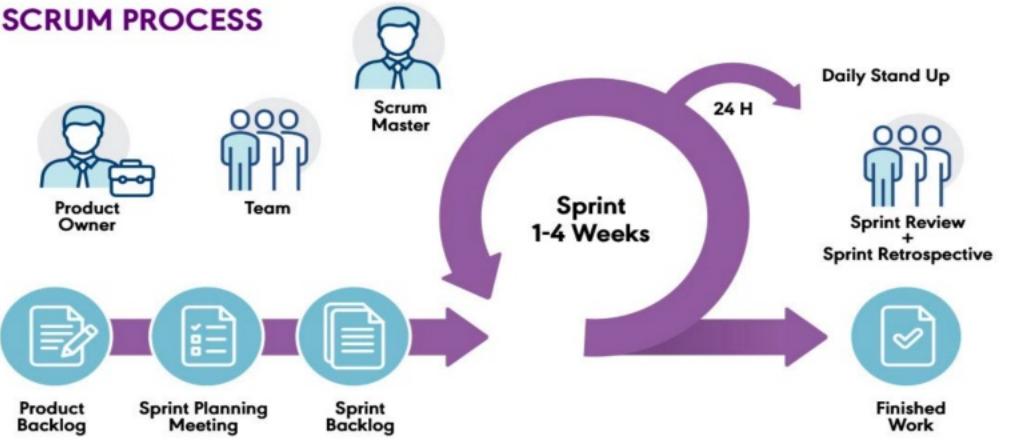


# CI/CD

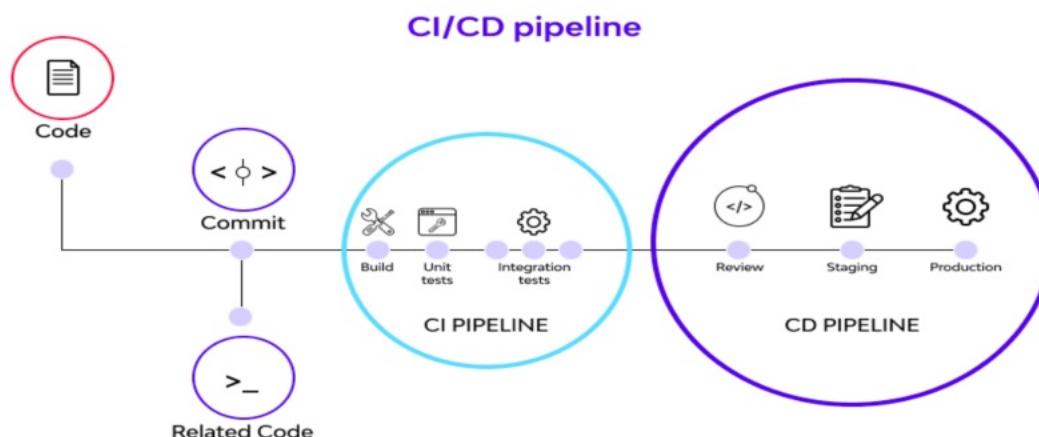


*Agile  
Framework*

# *Agile Scrum Framework*



# CI/CD

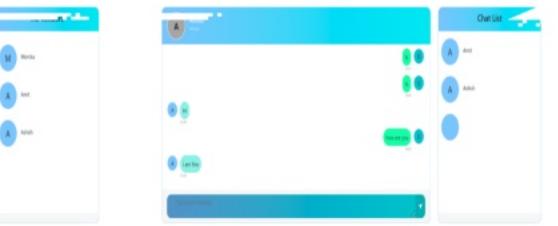


*Agile  
Framework*



# Product Backlog

Chat App



AR Scale



Net Banking

The image shows two screenshots of a net banking payment interface. The left screenshot is titled "Choose Payment Mode" and lists several options: Credit/Debit Card, Net Banking, Cash on delivery, Wallet, PayPal, Gift Card, and Other banks. Under "Net Banking", logos for Axis, Citi, HDFC, ICICI, Kotak, and SBI are shown. The right screenshot is titled "Order Summary" and displays a summary of an order with fields for "Total Payable", "Delivered to", and "Change Address".

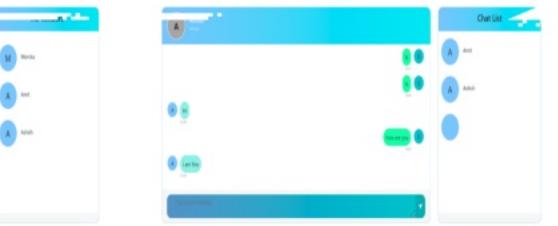
Revenue

# Revenue



# Product Backlog

Chat App



AR Scale



Net Banking

The image shows two parts of a net banking interface. On the left, a "Choose Payment Mode" section displays various options: Credit/Debit Card, Net Banking, Cash on delivery, Wallet, PayPal, Gift Card, and Other banks. Under "Net Banking", logos for Axis, Citi, HDFC, ICICI, Kotak, and SBI are shown. A "Place Order" button is at the bottom. On the right, an "Order Summary" section shows a cart icon, delivery status, and payment status. It includes fields for "Total Payable", "Delivered to", and "Change Address".

Revenue



DELIVERY

# Tech Stack







THANK YOU

