Flyaway

The code for the project is hosted on: GitHub
Project Developer: **Vijaysai Yekbote**

This document contains the following sections:

Sprint Planning and Task Completion

Note: A separate document for sprint planning is attached to the Zip.

The project is planned to be completed in two Sprints. The task assumed to be completed are:

Sprint 1:

- Flow chart of the application
- Initializing Git repository to track changes of development
- Writing the source code

Sprint 2:

- Testing the program with various user inputs
- Pushing project to GitHub
- Creating documentation

Core Concepts Used in the Project

- Java
- Spring Boot
- Mysql DB
- Postman

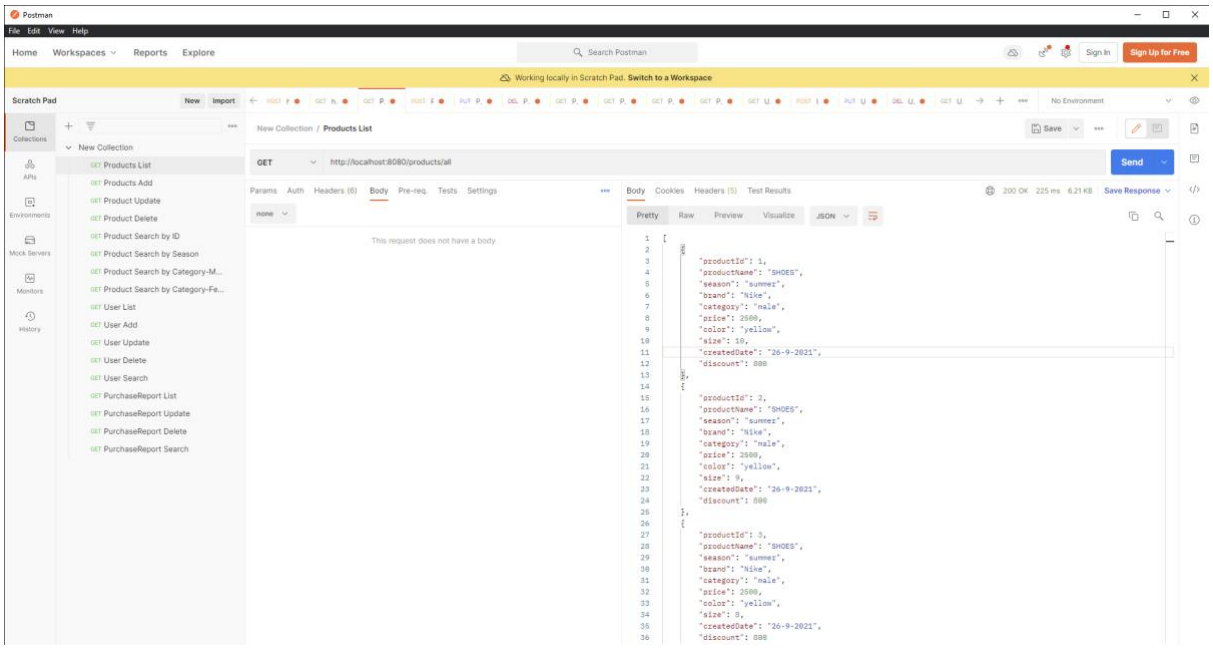
Product Capabilities

The application has the following capabilities:

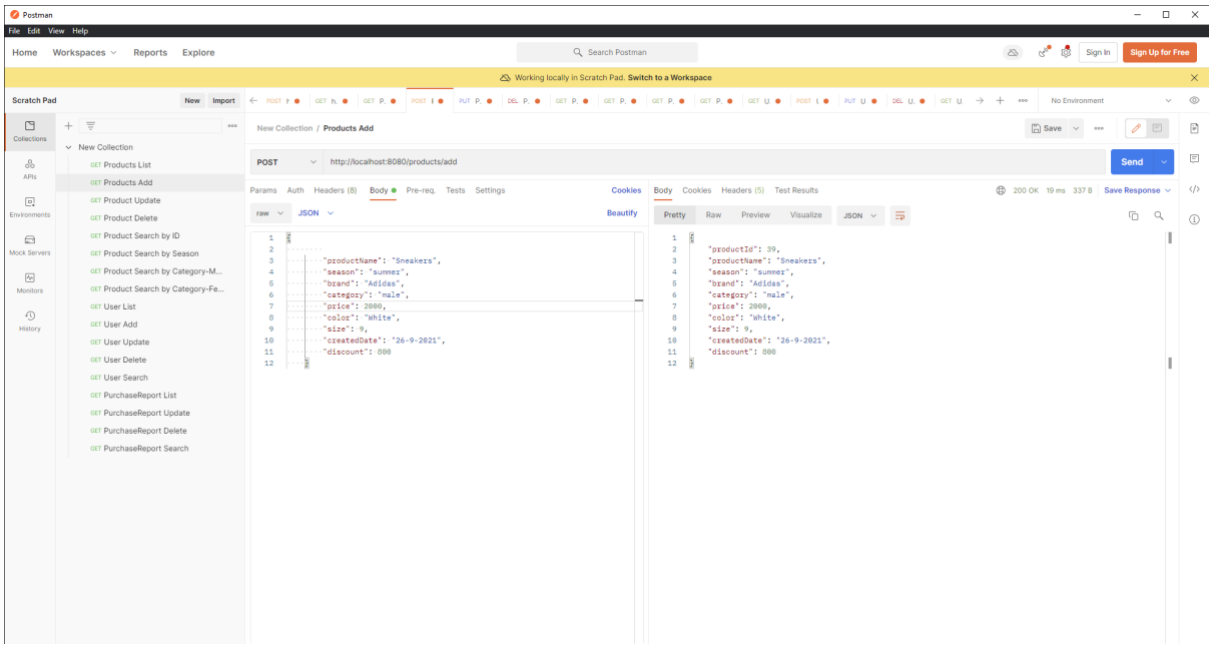
1. Products
    1.1. Products List
    1.2. Product Add
    1.3. Product Update
    1.4. Product Search by id
2. Users
    2.1. User List
    2.2. User Update
    2.3. User Delete
    2.4. User Search
3. Purchase Report
    3.1. Purchase Report List
    3.2. Purchase repost Update
    3.3. Purchase Report Delete
    3.4. Purchase Report Search

Source code for each of the capabilities with output is shown below:
Note: Complete source code, respective servlets of the app is zipped please check zip/Gitrepo for reference.

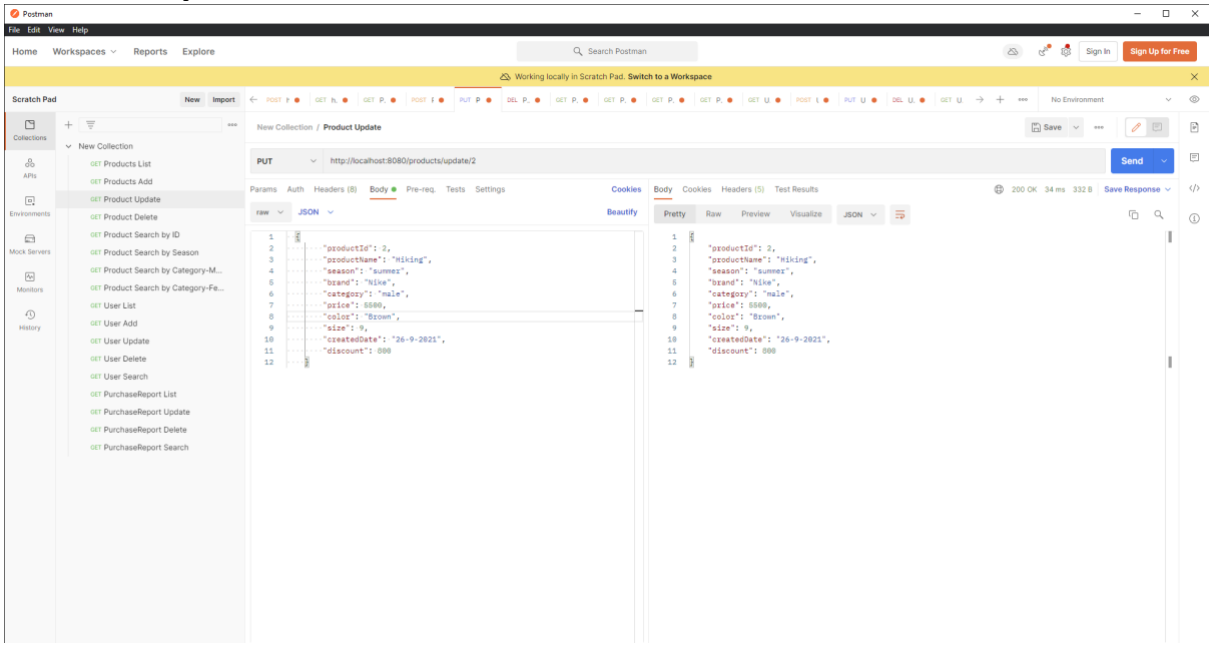
Products List



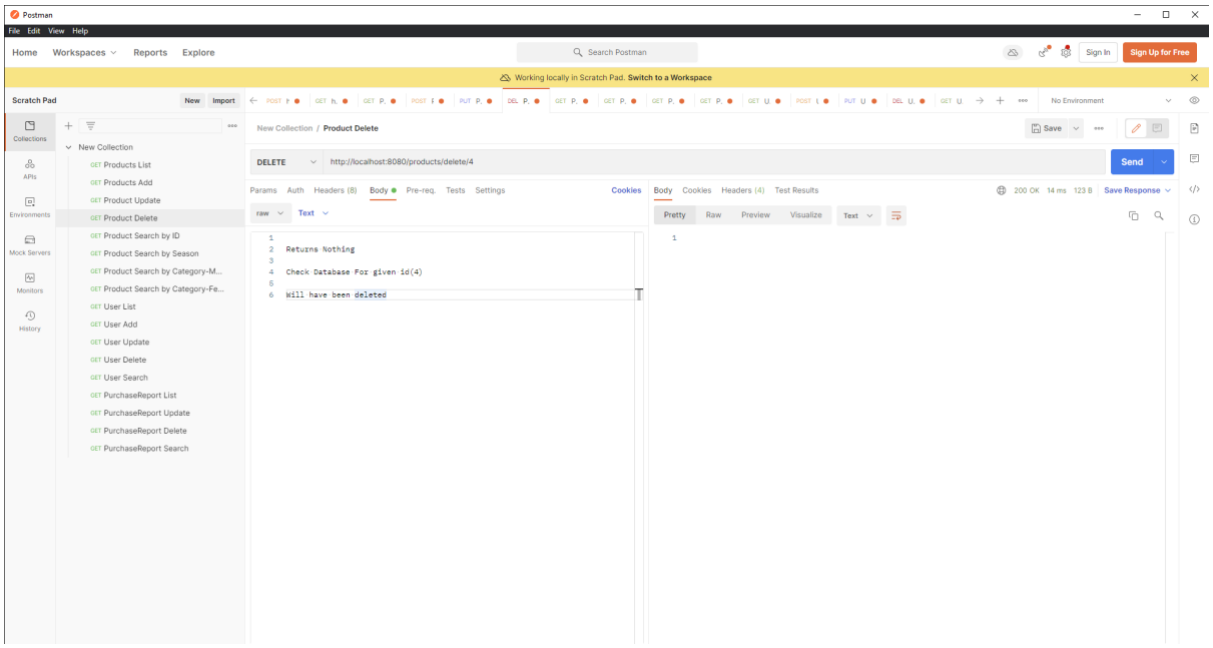
Product Add



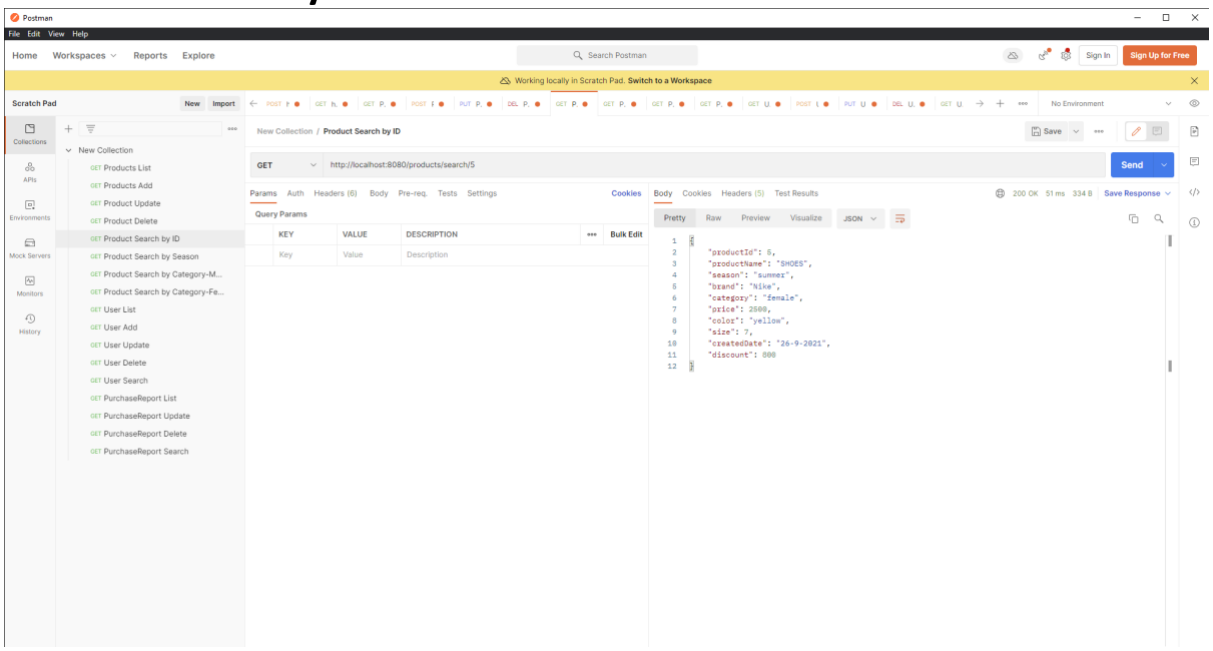
Product Update



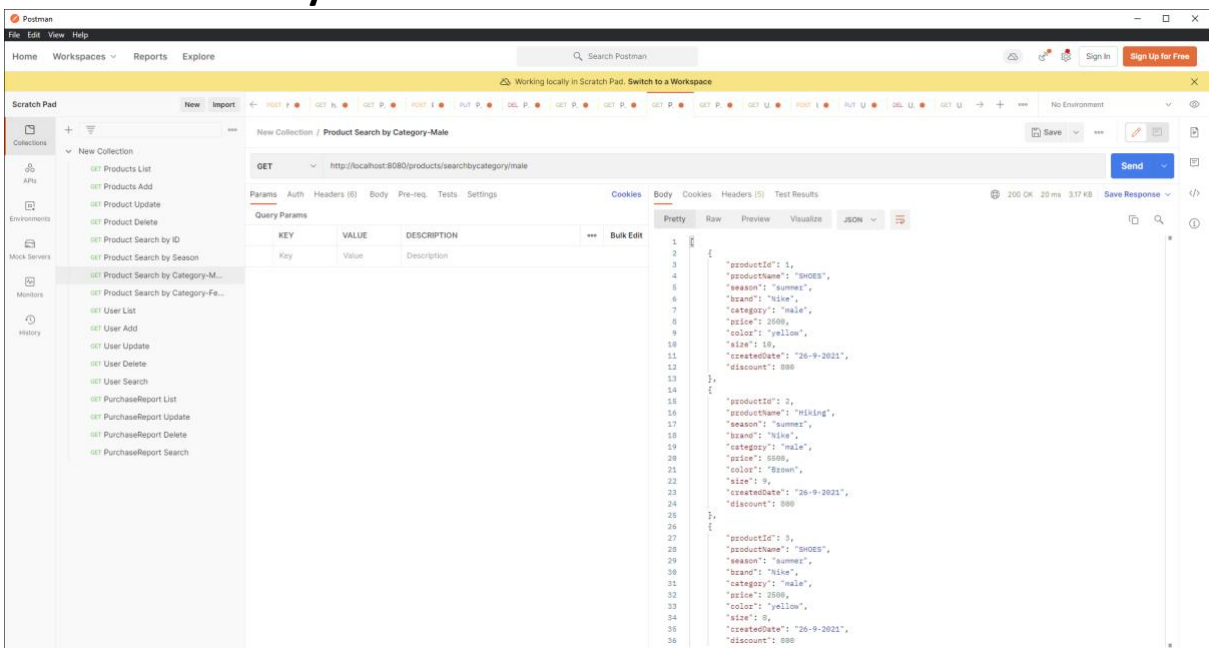
Product Delete



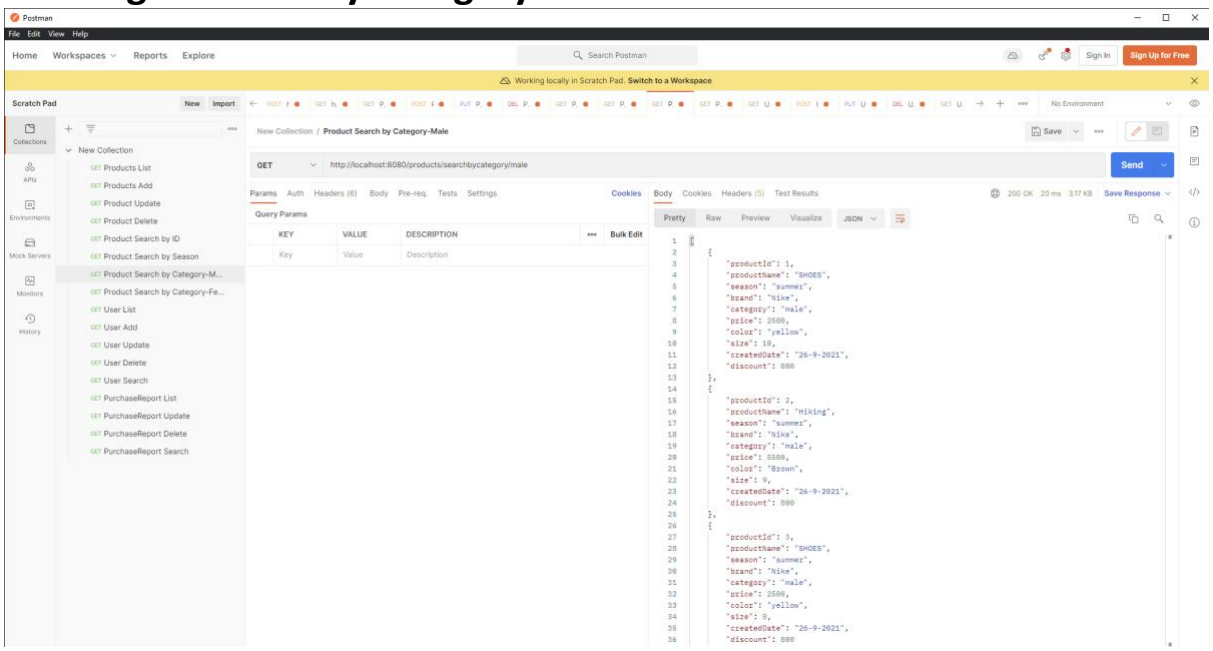
Product Search by ID



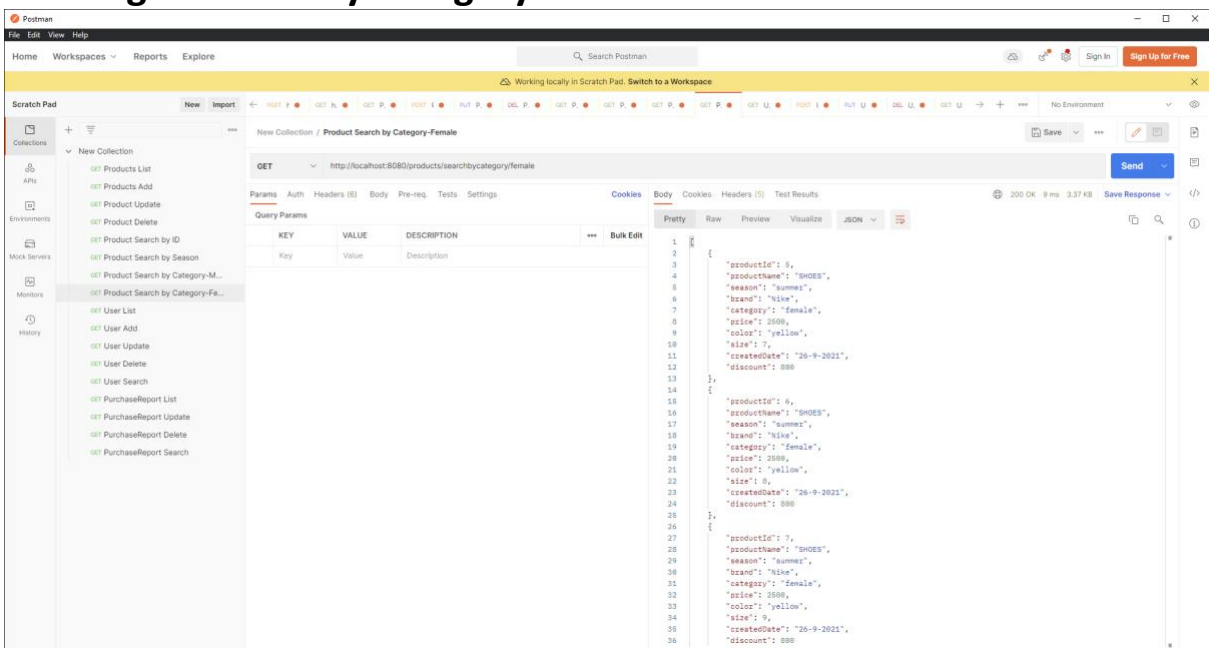
Product Search by Season



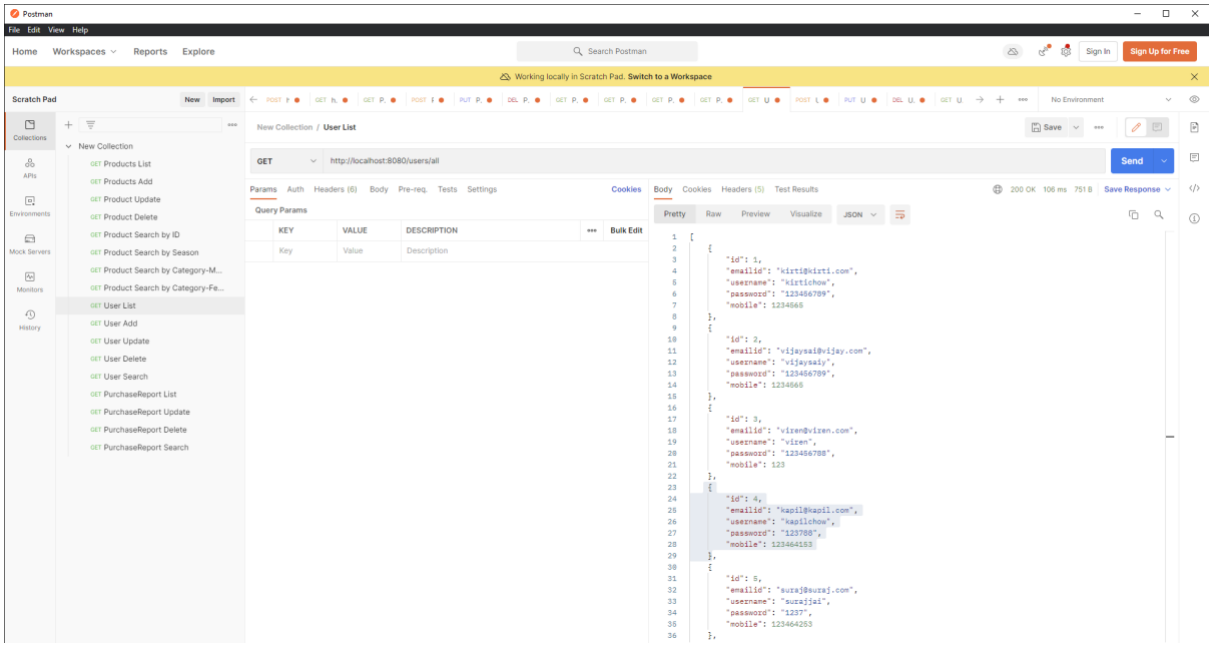
Passenger Search by Category Male



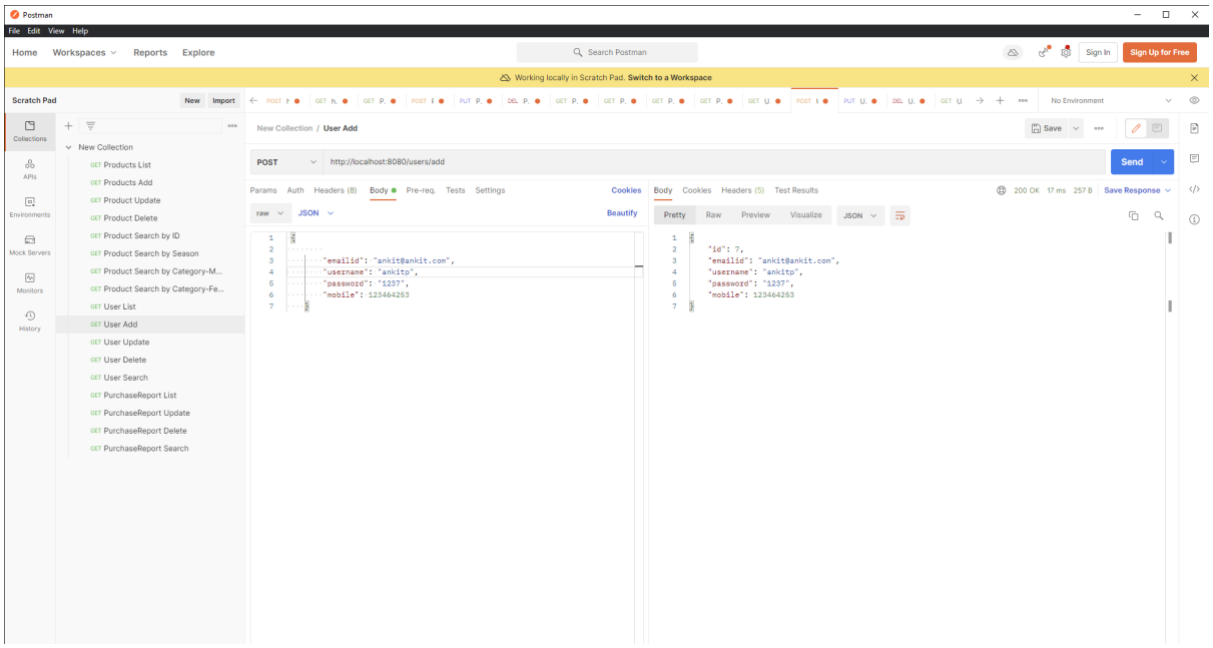
Passenger Search by Category Female



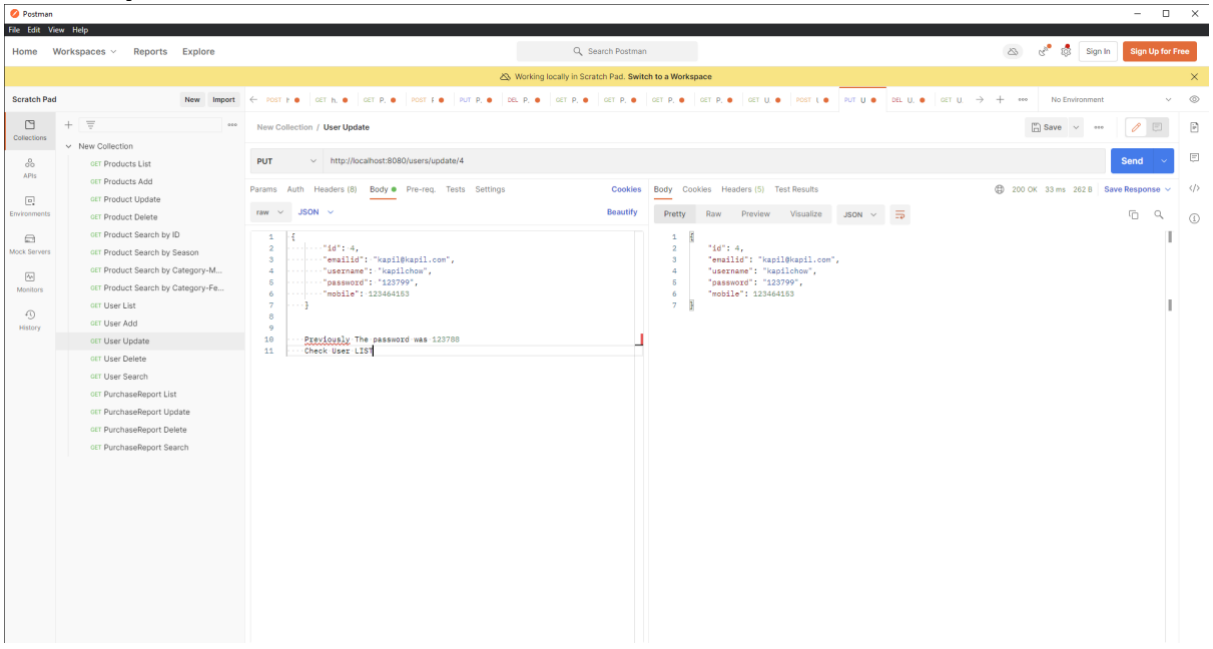
User List



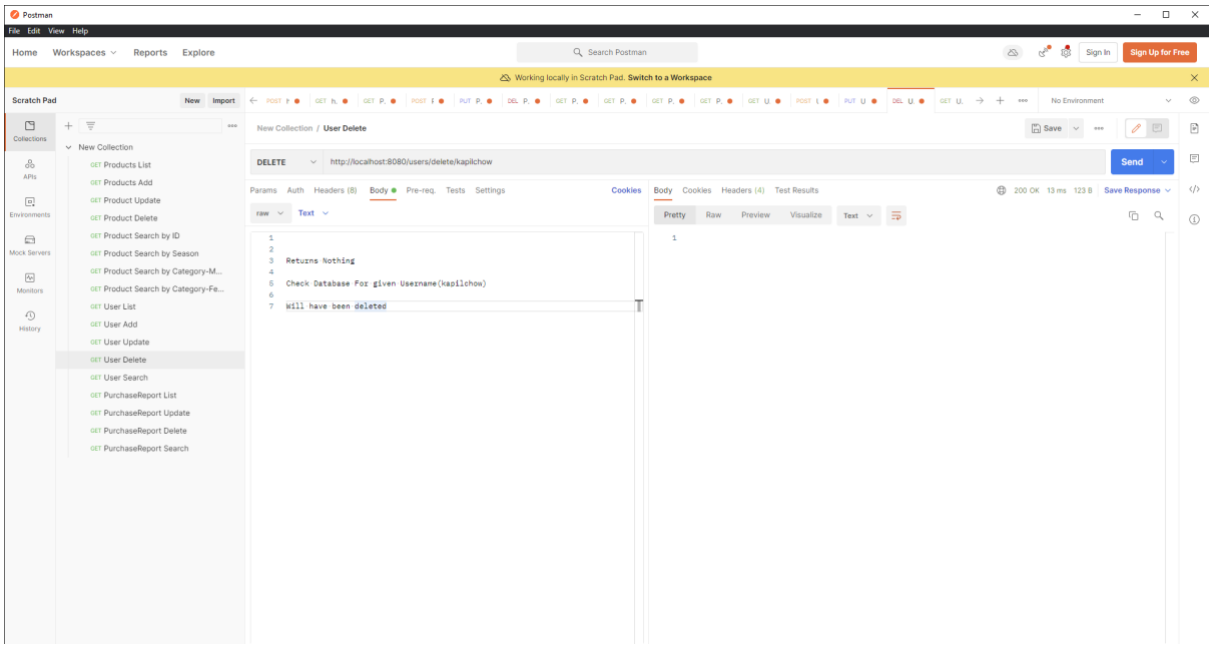
User Add



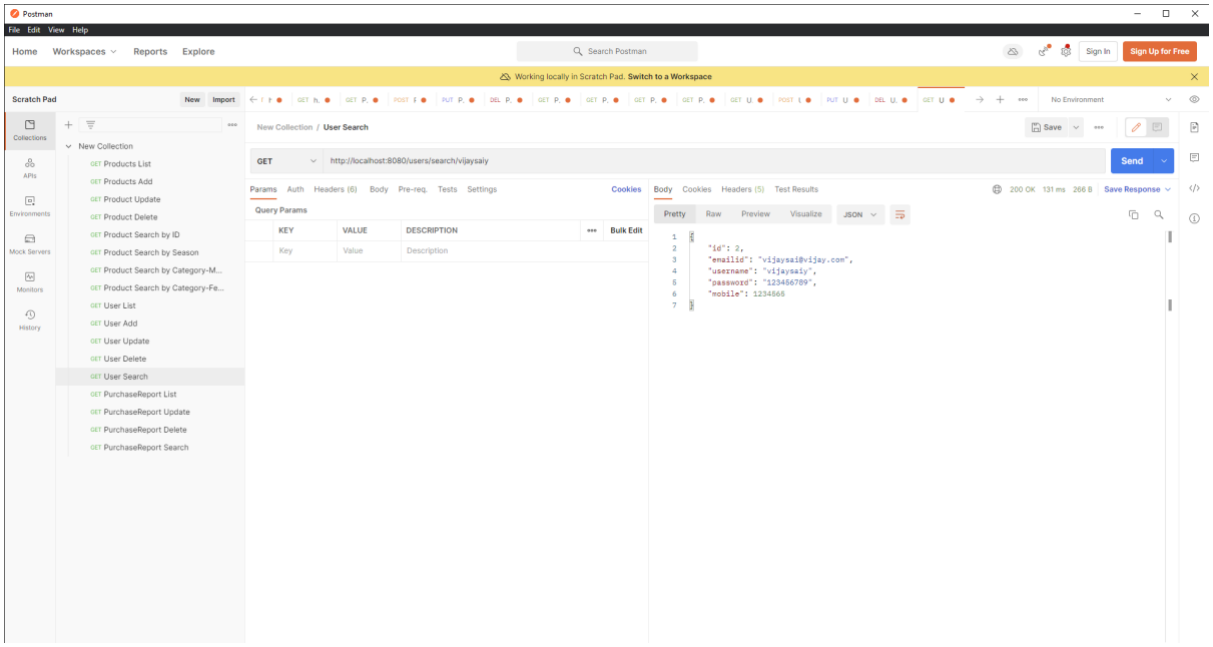
User Update



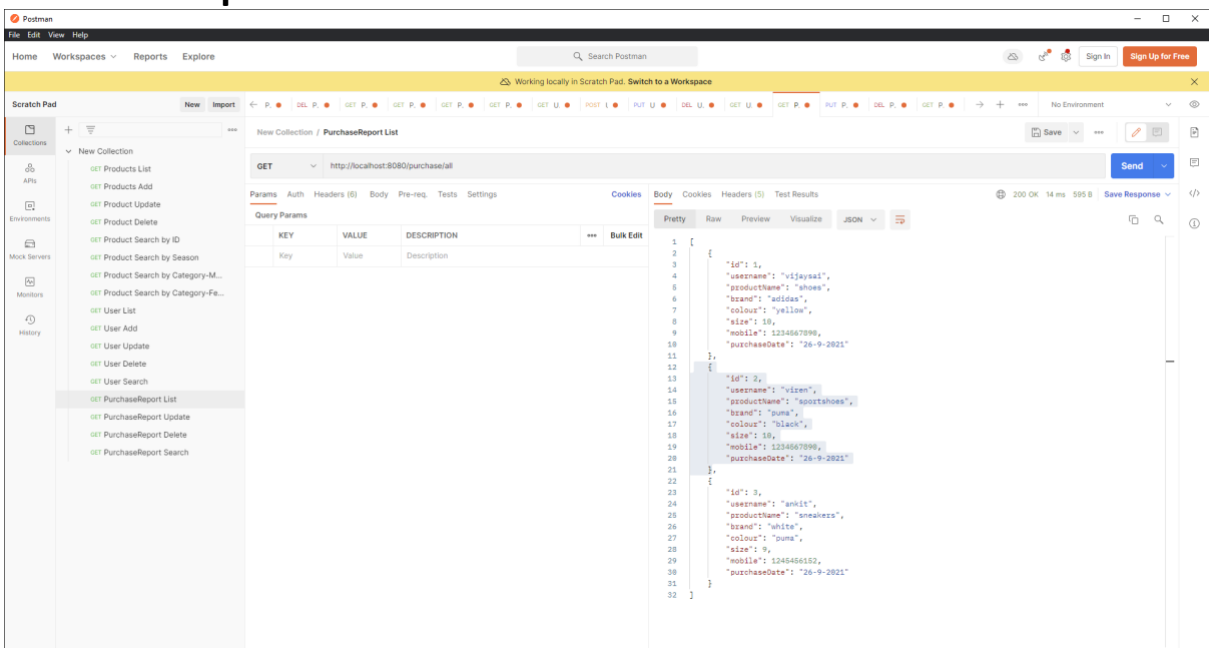
User Delete



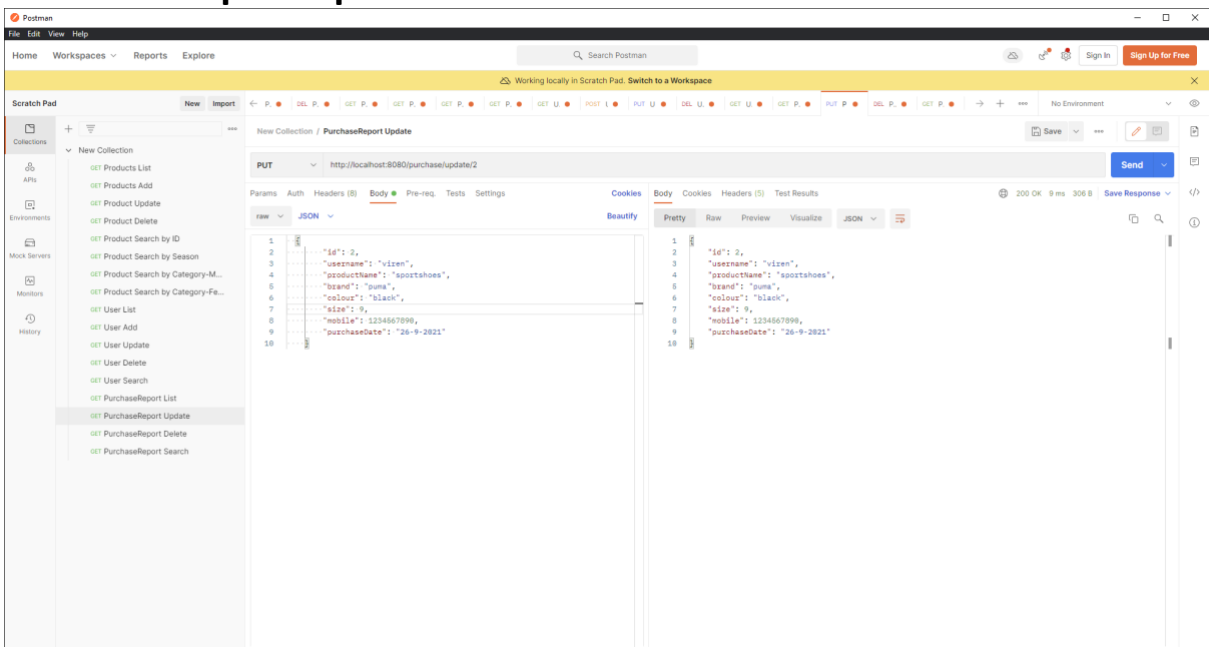
User Search



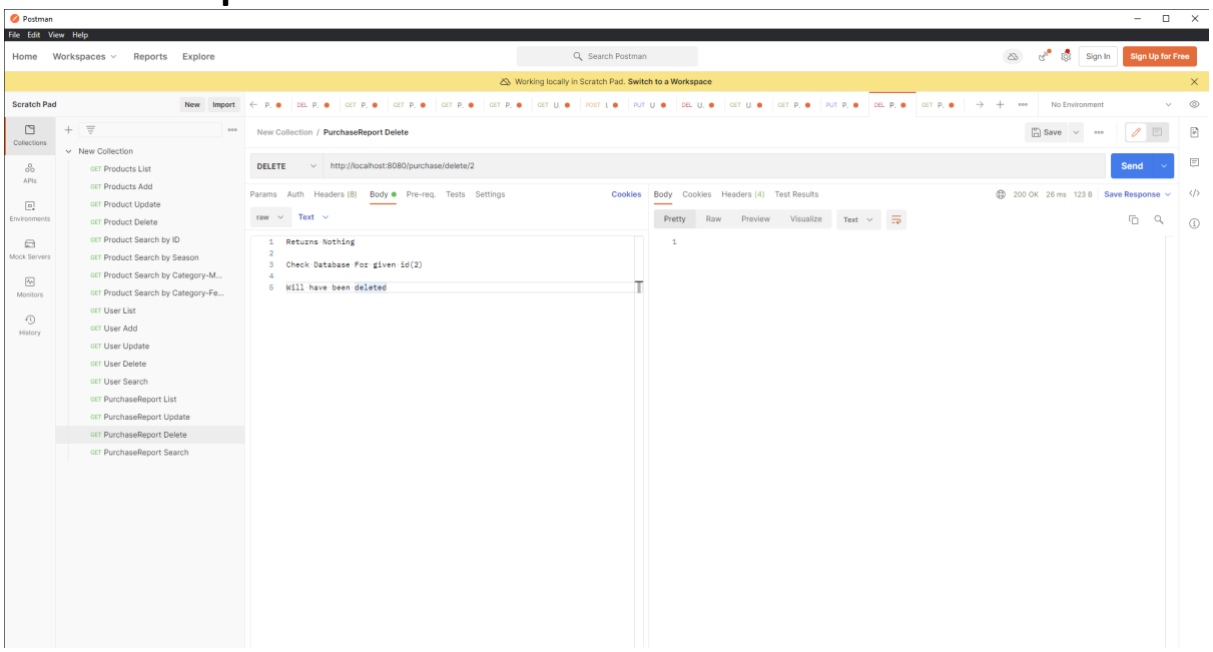
Purchase Report List



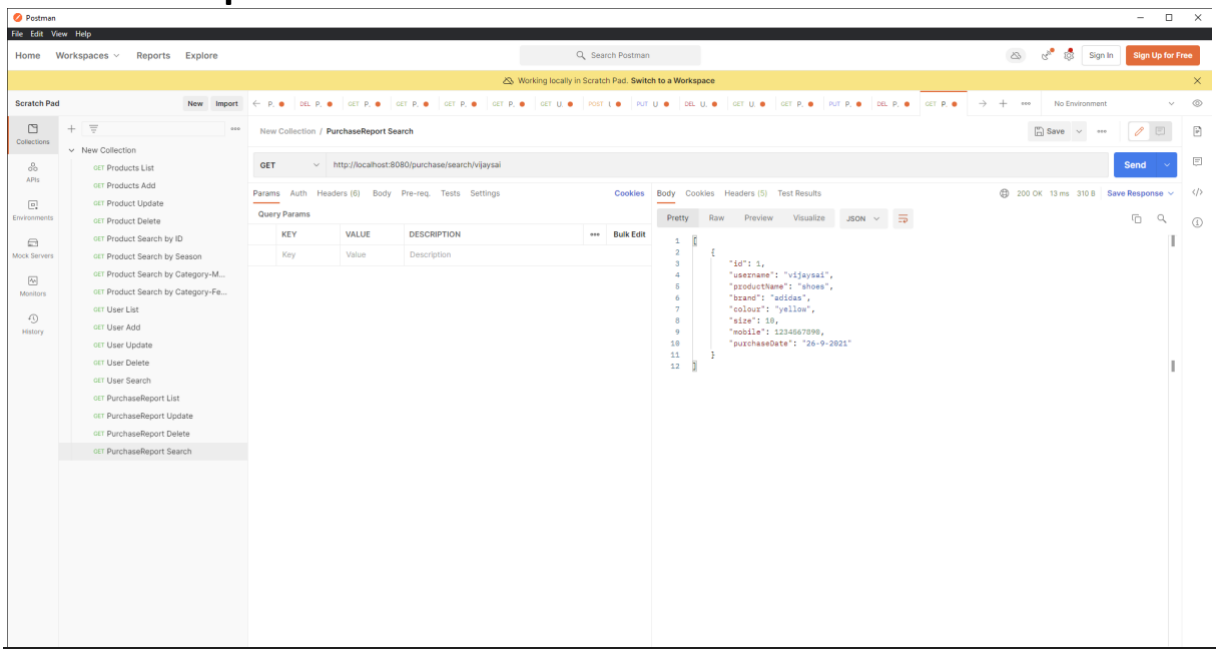
Purchase Report Update



Purchase Report Delete



Purchase Report Search



Unique Selling Points of the Application:

1. The application is designed to keep on running and taking user inputs even after exceptions occur.
2. Can search for product by different parameters such as Brand, Season, Gender

Conclusion:

Further improvements to the application can be done which may include:

- Develop UI
- Develop Front End
- Option to book round tickets.