

American International University- Bangladesh

CSC 4261: Advanced Programming in Web Technology

CO1 Evaluation

Project Report

Summer 22-23

Project Title: Sneaker Club

Project Domain: Sneakers Shop

Group Number: 8

Section: A

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| Student Name | Student Id |
| Reaj, Md Asgor Hossain | 20-43999-2 |
| Sudipta Saha | 20-43587-1 |
| Uday Kumar Sarker Pranto | 20-42941-1 |
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Introduction:

Welcome to our sneaker haven, where style meets comfort, and sneakerheads find their dream kicks! We are ecstatic to present a platform dedicated to all things sneakers, connecting footwear enthusiasts from around the globe. Our website is not just another shoe shop; it's a comprehensive sneaker resource hub, designed to cater to your love for fashionable and top-quality footwear.

Problem Analysis:

Problem Statement:

The sneaker culture has exploded in popularity, and yet, finding a centralized platform that offers a diverse selection of sneakers, informative content, and a passionate community remains a challenge. Many shoe shops focus solely on sales without providing the necessary knowledge and engagement that true sneaker enthusiasts crave. As a result, it can be difficult for individuals to stay updated on the latest trends, secure limited editions, and connect with like-minded sneaker lovers.

Significance of Solving the Problem:

Addressing these challenges is of utmost importance for the following reasons:

• Style and Expression: Sneakers have evolved into a powerful fashion statement, reflecting one's personality and unique style. Our platform aims to empower individuals to express themselves through their footwear choices, embracing the vibrant sneaker culture.

• Education and Trendsetting: By offering in-depth articles and guides on sneaker culture, releases, and design trends, we can keep our community informed and inspired. We want to be a driving force behind the latest sneaker trends, encouraging innovation and creativity in the sneaker world.

• Community and Connection: Our platform seeks to unite sneaker enthusiasts, creating a supportive and engaging community where you can share your passion, discuss your favorite kicks, and discover new releases together.

Existing Solutions:

SneakerFreaker.com: A popular sneaker blog that covers the latest sneaker releases, collaborations, and sneaker news. It has a strong community of sneakerheads who share their thoughts and insights on various footwear topics.

SneakerMarketplace.com: An online sneaker shop that allows individuals to buy and sell both new and pre-owned sneakers. It provides a platform for sneaker enthusiasts to access a wide range of styles and brands.

Hypebeast.com: A leading online platform that covers sneaker culture, streetwear, and fashion trends. It showcases exclusive sneaker releases and interviews with industry insiders, keeping readers up-to-date on the hottest releases.

At our sneaker shop, we're committed to delivering more than just shoes; we aim to provide an immersive experience that celebrates your love for sneakers. Join us on this exciting journey, as we step into the world of stylish footwear, together. Whether you're a seasoned sneakerhead or a newbie eager to embark on this thrilling adventure, our platform has something special in store for you. Embrace the sneaker culture, stay ahead of the trends, and connect with a community of passionate sneaker lovers – it's all here, waiting for you!

Feature Analysis:

1. User Category:

There are 4-types of Users here. They are:

(4 users)

* Customer - MD. Asgor Hossain Reaj
* Seller – MD. Asgor Hossain Reaj
* Admin - Sudipta Saha
* Manager - Uday Kumar Sarker Pranto

1. Feature List:

In this project the “Admin” has the following features:

(**12 feature per user)**

1. Can get all the user details.
2. Can add any user.
3. Can edit any user details.
4. Can delete any user details.
5. Can add any product.
6. Can edit any product details.
7. Can delete any product.
8. Can approve a user for seller role.
9. Can get revenue info.
10. Can get sales statistics.
11. Can approve to publish blogs.
12. Can send notices to the users.

In this project the “Customer” has the following features:

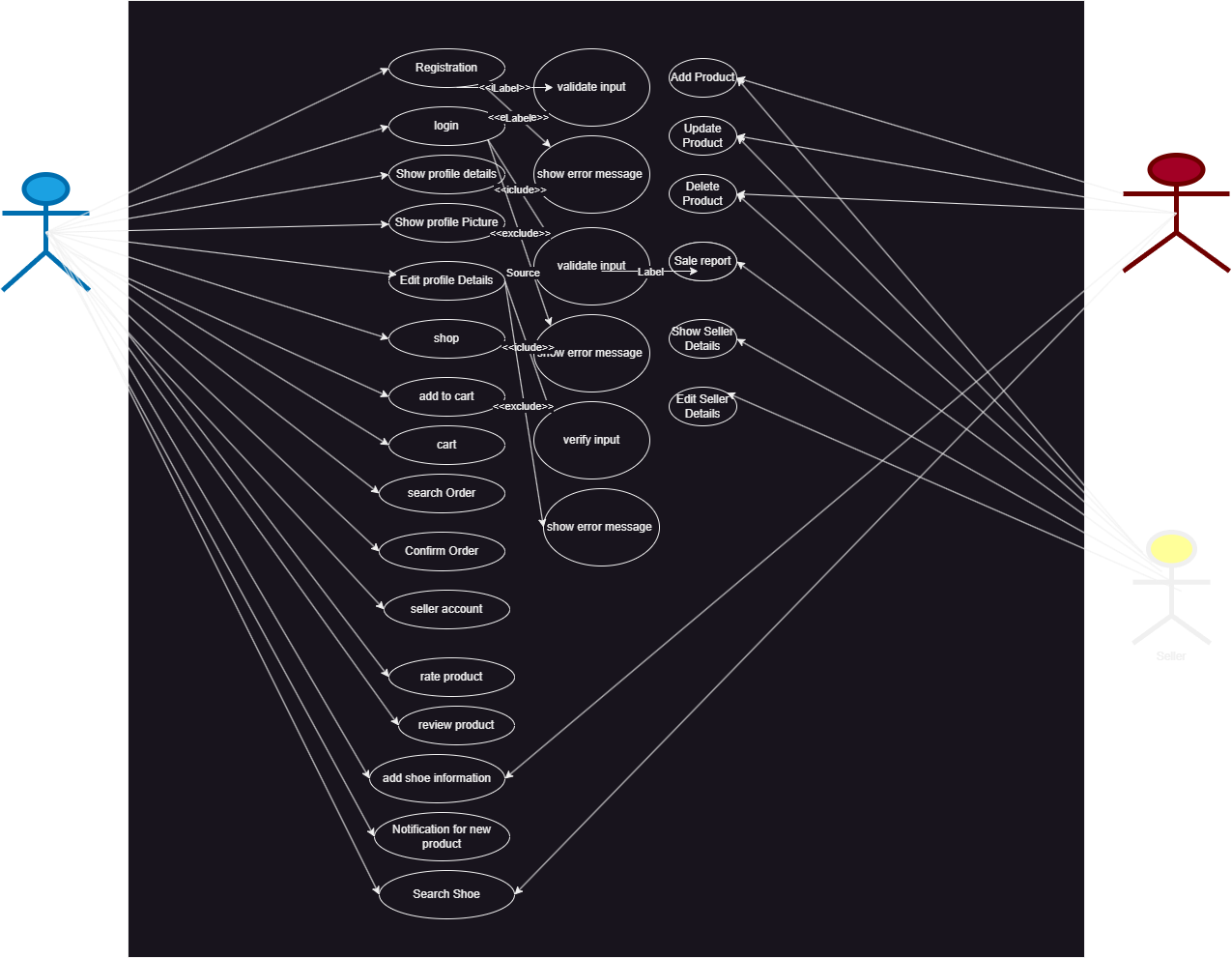
1. Can edit personal information.
2. Can apply to become a seller.
3. Can upgrade membership.
4. Can buy products.
5. Can review a product.
6. Can get information about different types of Shoes.
7. Can get guidelines on shoe.
8. Can cancel the order.
9. Can apply for a refund from the seller.
10. Can share emotion through newsfeed.
11. Can see owner picture.
12. Can Edit members details.

In this project the “Seller” has the following features:

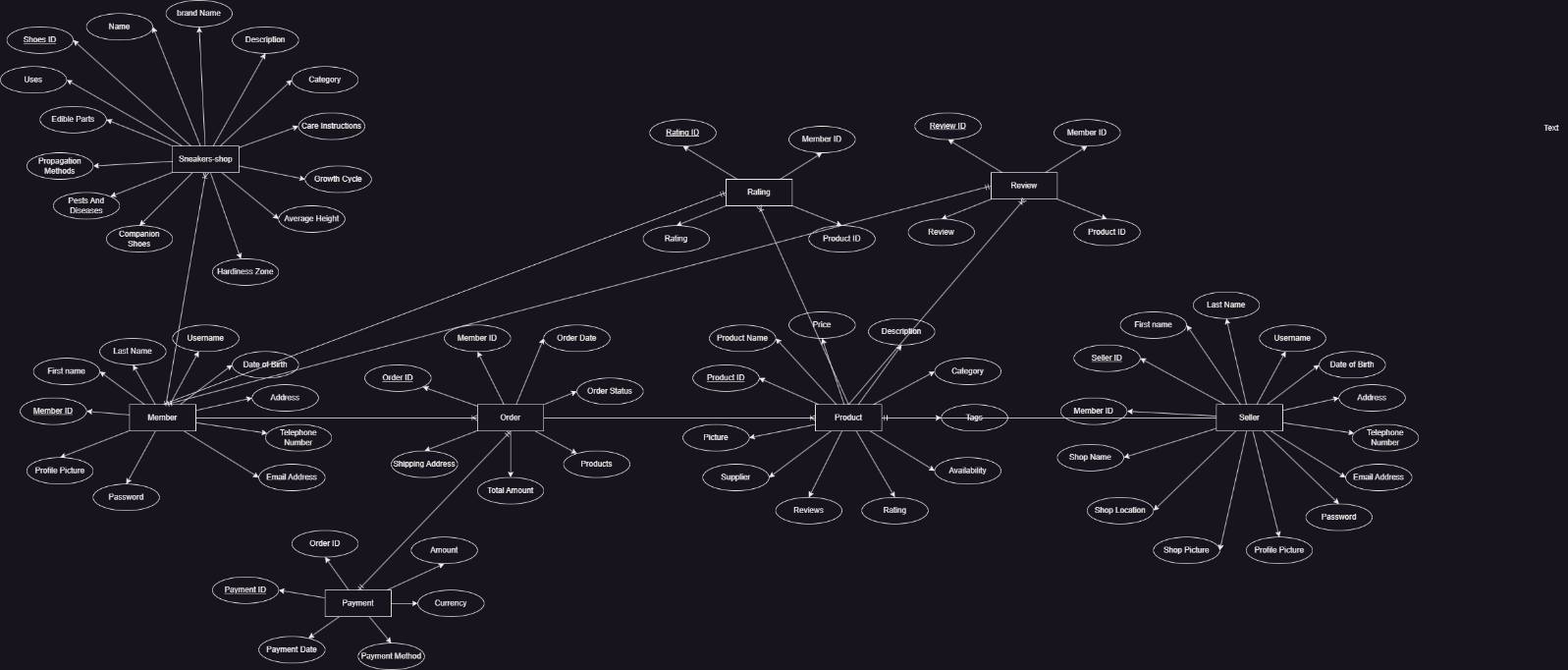
1. Can add products.
2. Can edit product details.
3. Can delete product.
4. Can edit personal information.
5. Can give the refund money.
6. Can give offer on sales.
7. Can get revenue information.
8. Can approve order.
9. Can approve order cancellation.
10. Can get trendy product list.
11. Can apply for changing to member through admin.
12. Can get number of shop products has been wish listed.

In this project the “Manager” has the following features:

1. Can access and manage all user roles and permissions.
2. Can monitor and track user activities and interactions within the platform.
3. Can analyze sales and revenue data to identify trends and make strategic decisions.
4. Can create and manage promotional campaigns and discounts for products.
5. Can moderate user-generated content, ensuring compliance with community guidelines.
6. Can review and approve blog posts and other content before publishing.
7. Can handle escalated customer support issues and provide resolutions.
8. Can manage inventory and product availability across the platform.
9. Can generate detailed reports on various aspects of the platform's performance.
10. Can collaborate with Admin and Sellers to optimize the user experience.
11. Can propose and implement new features or improvements to enhance the platform.
12. Can oversee security measures and ensure the platform's safety and integrity.

Design: 

ER DIAGRAM



USE CASE DIAGRAM

Tools Used:

To develop this project, we have used the following:

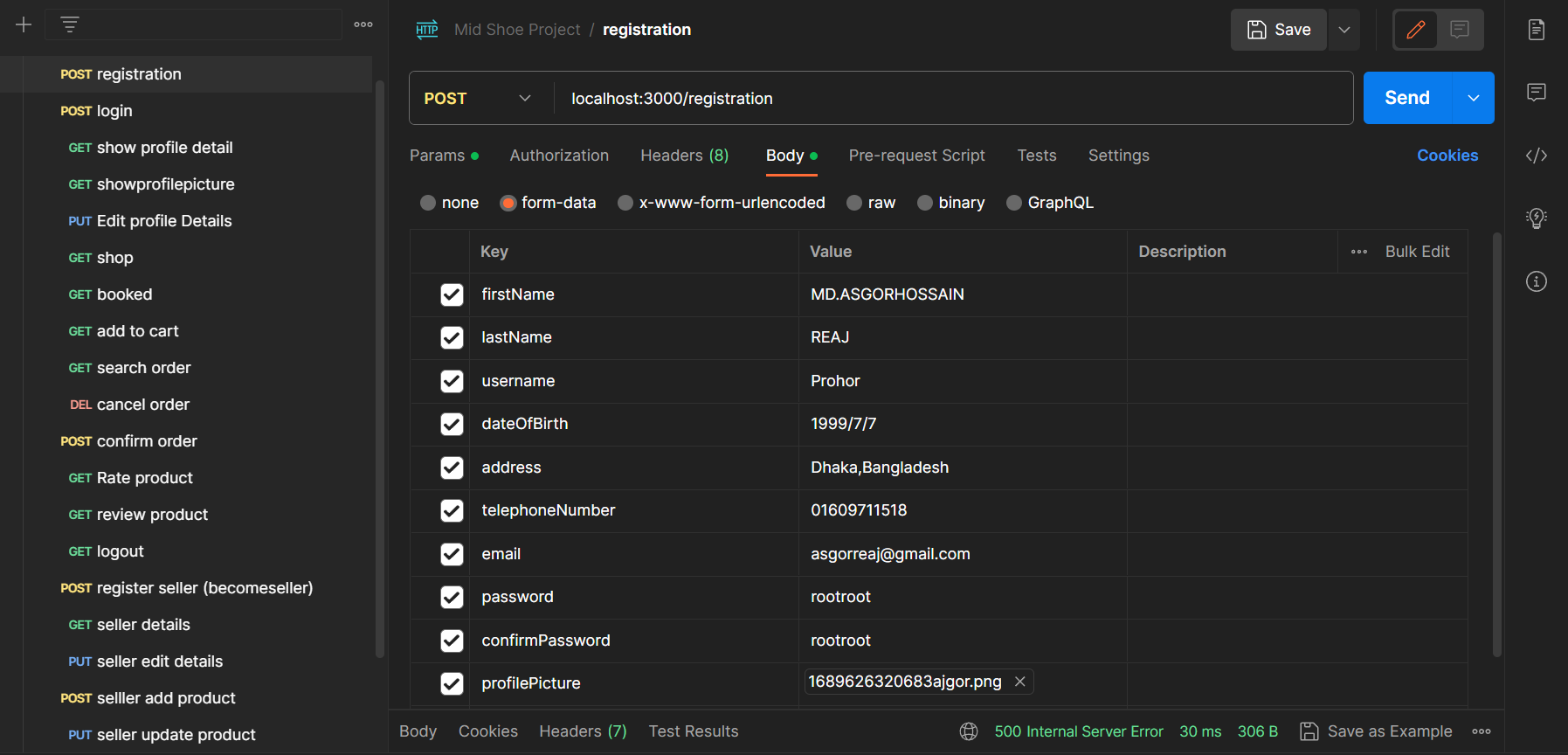
• Microsoft Visual Studio Code

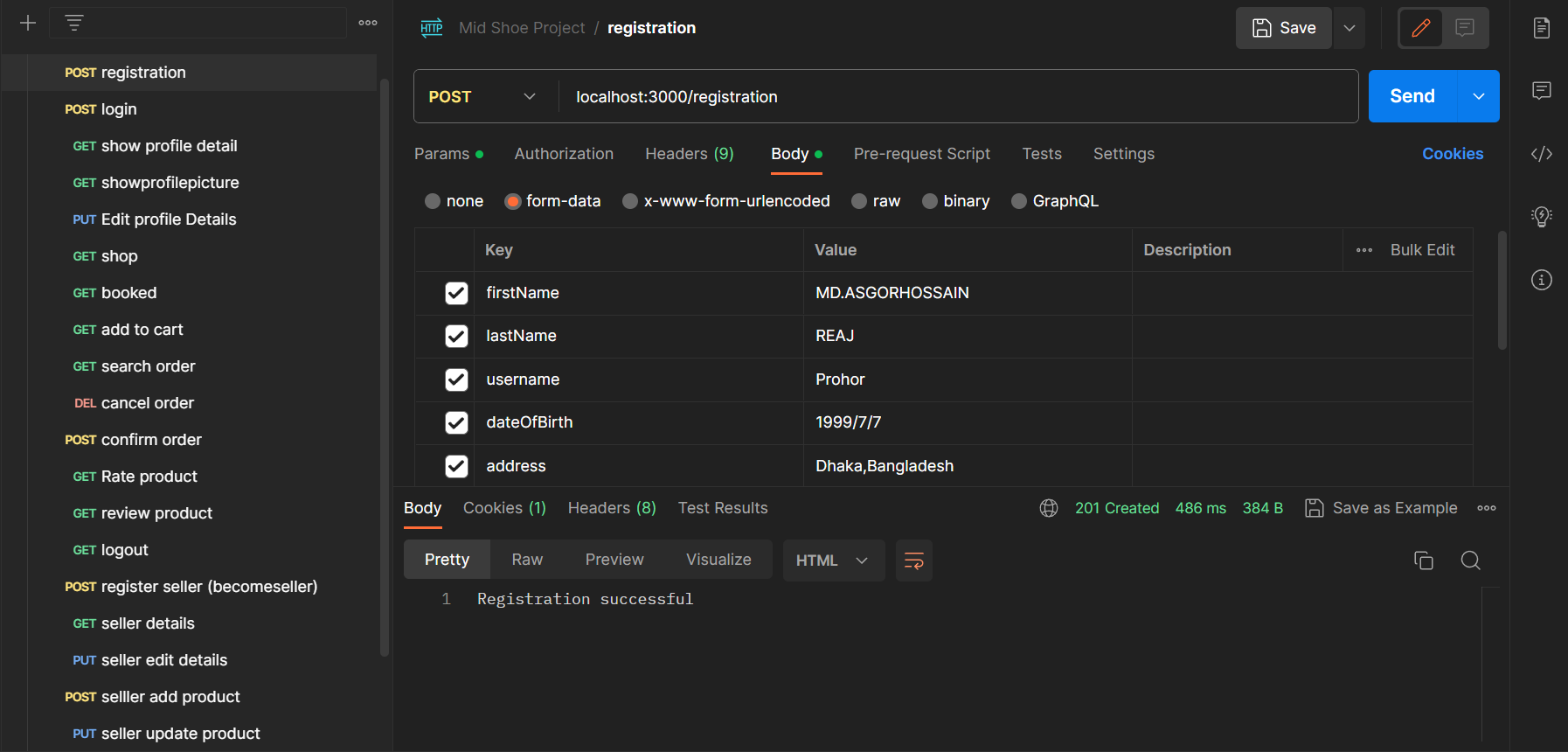
• Postman

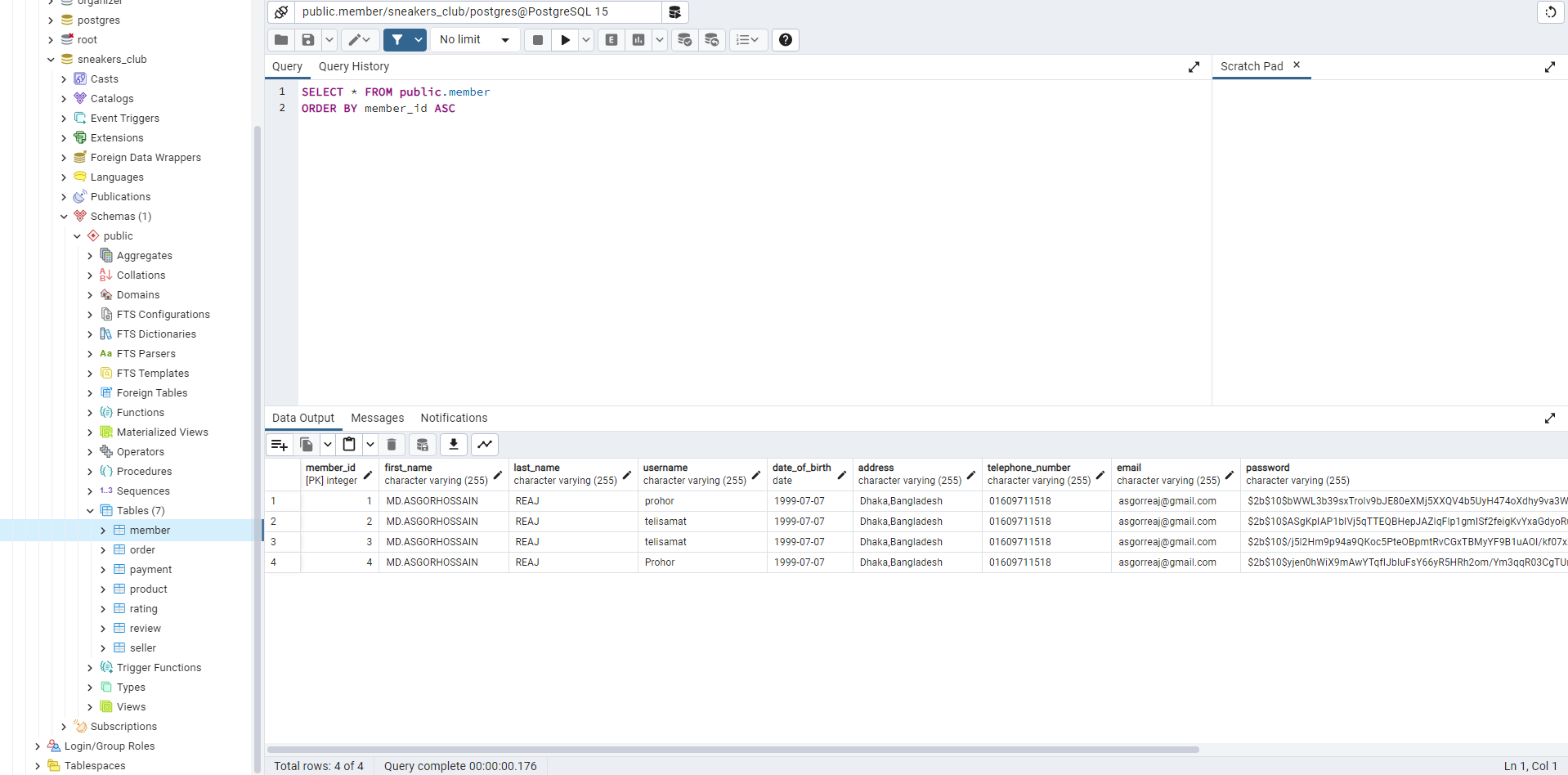
• Git Bash

• pgAdmin 4

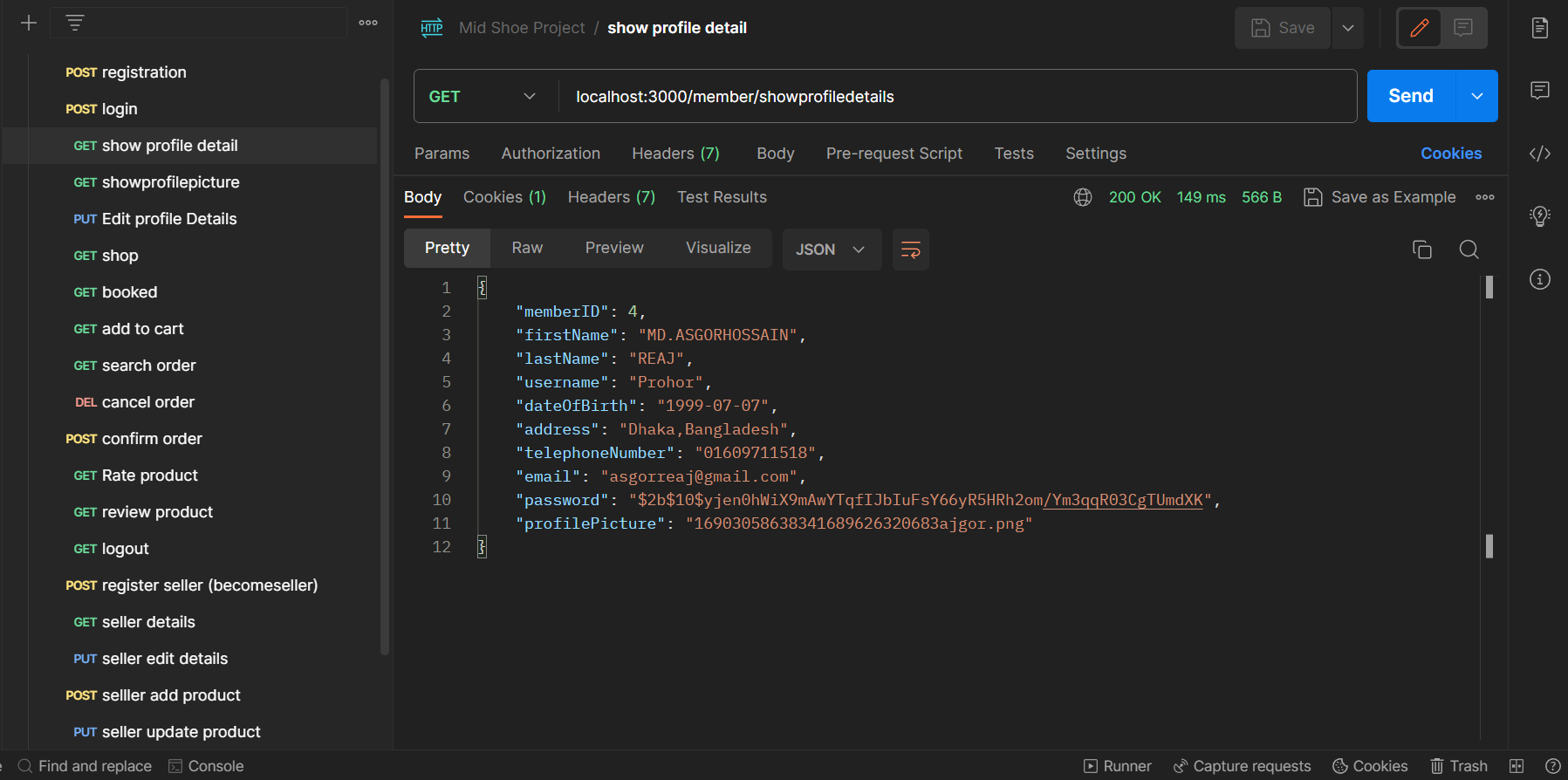
**System Images against the Specification:**



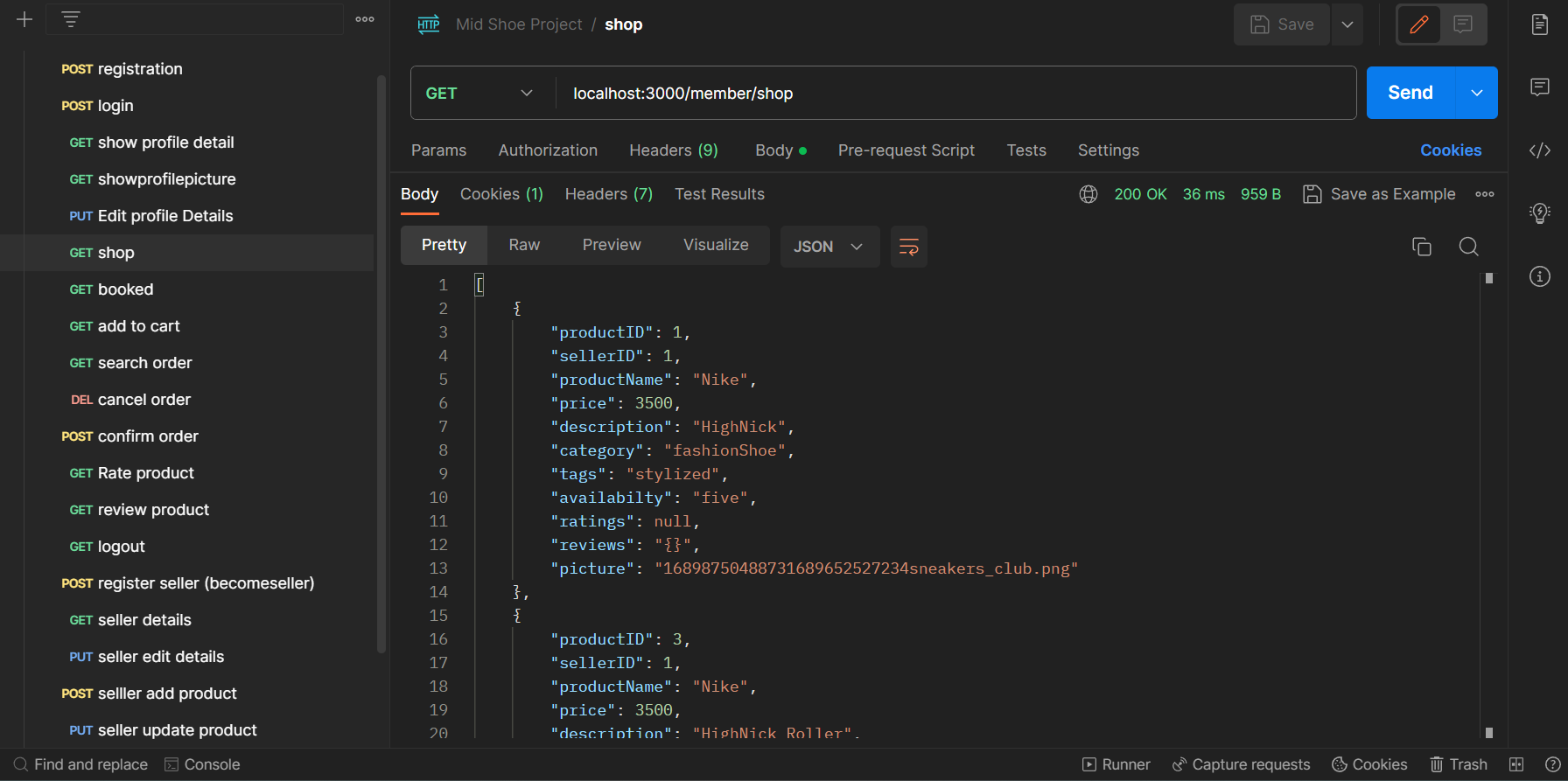




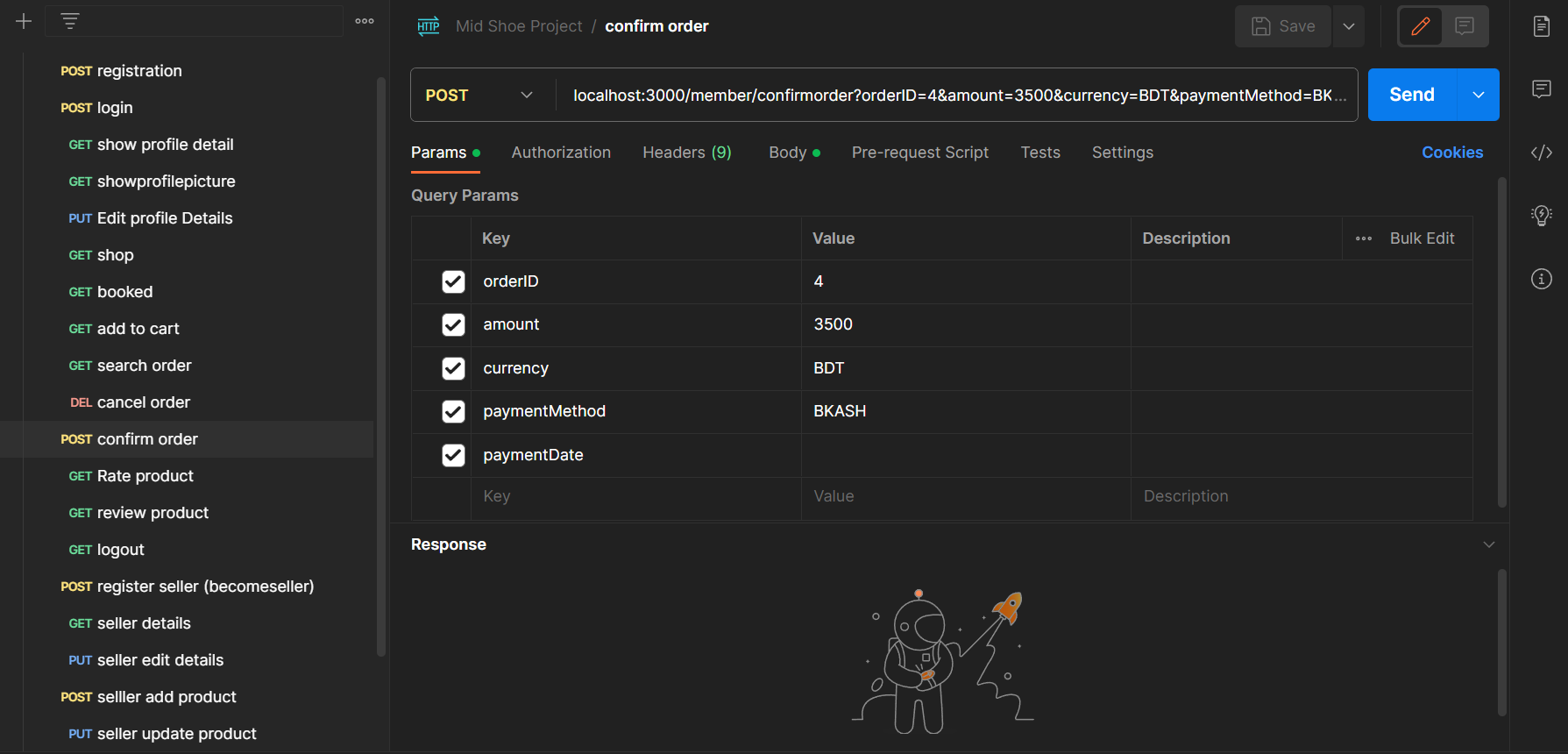
Register Database



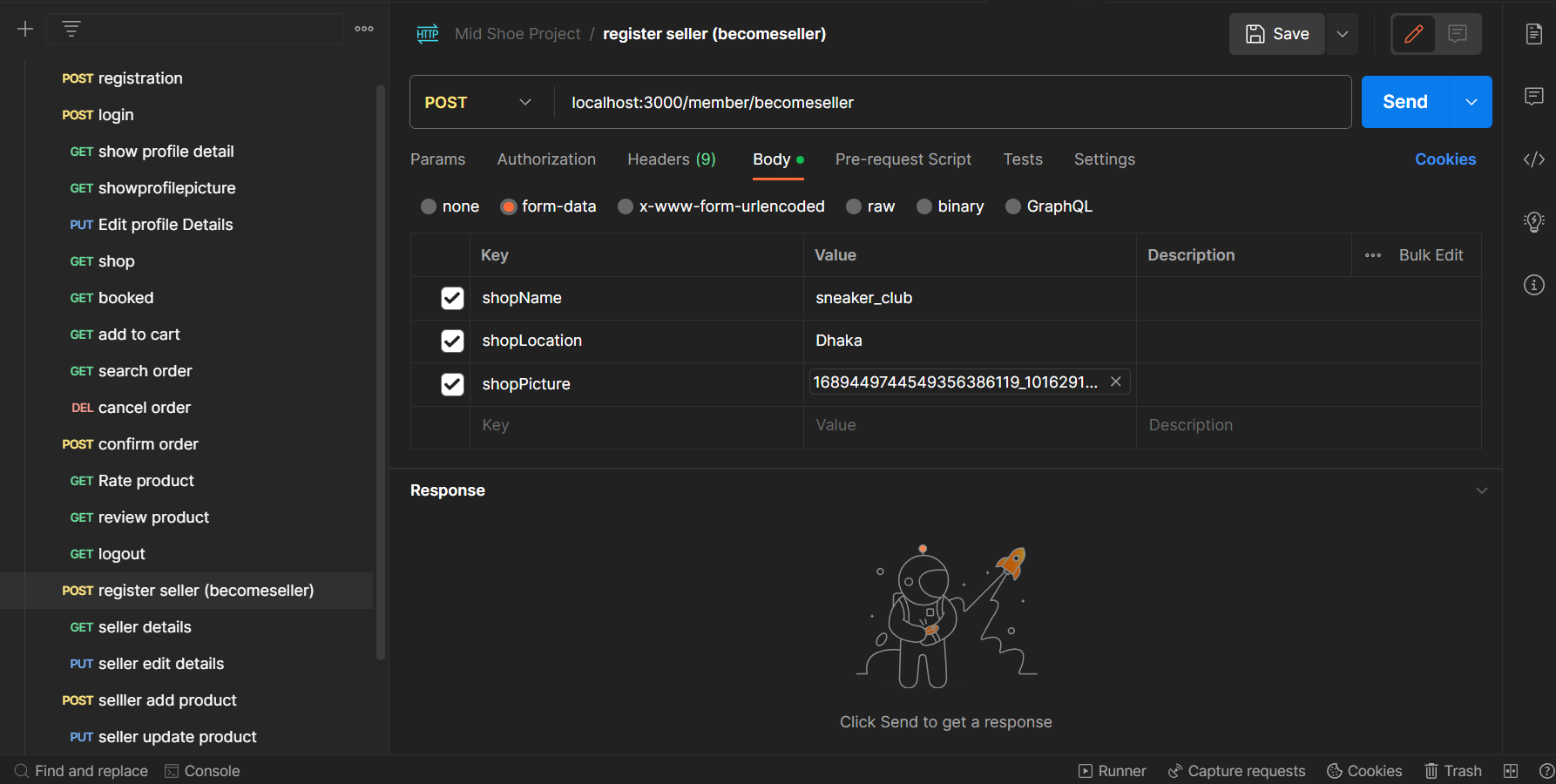
Show profile Details



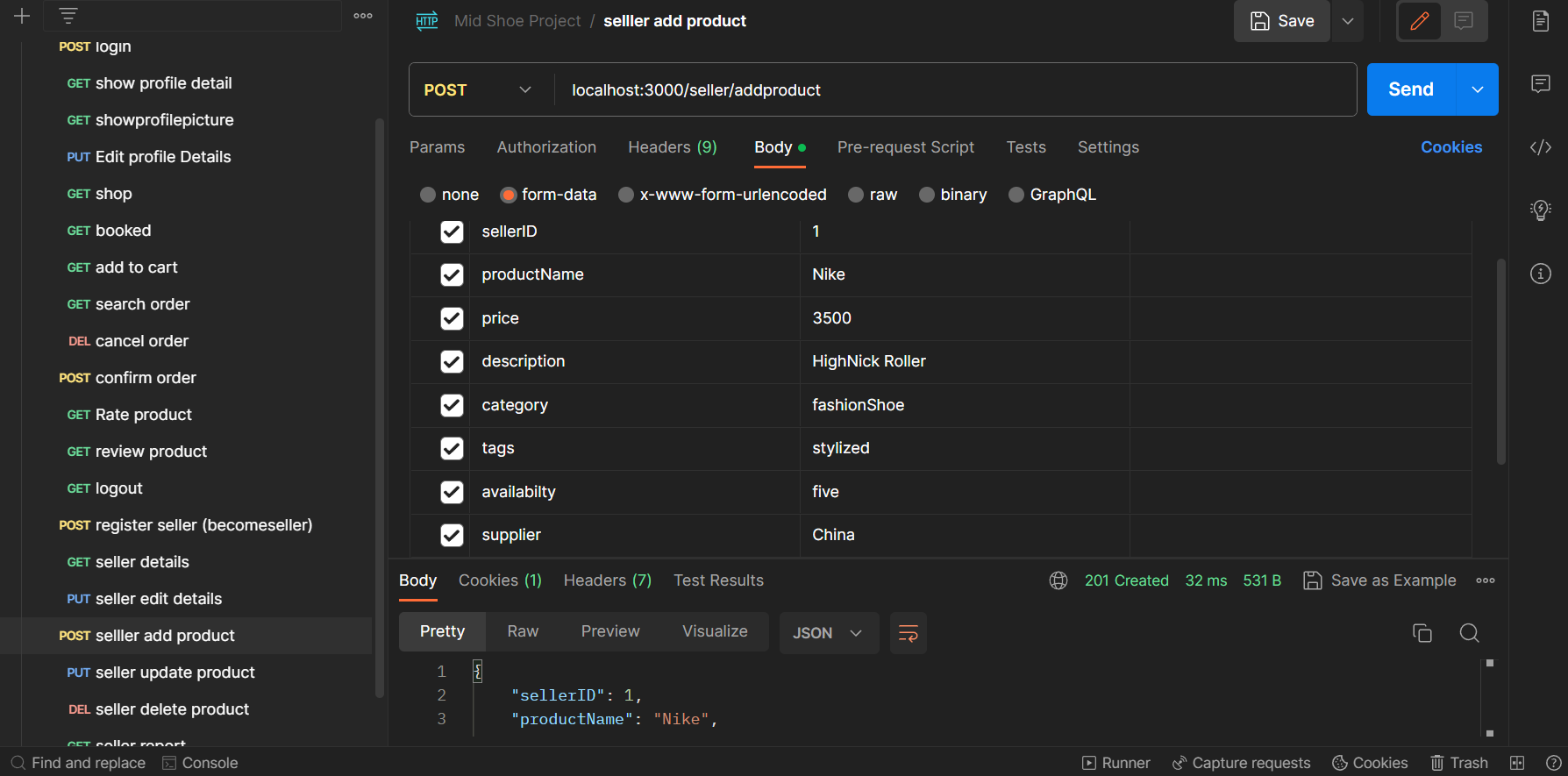
Shop section



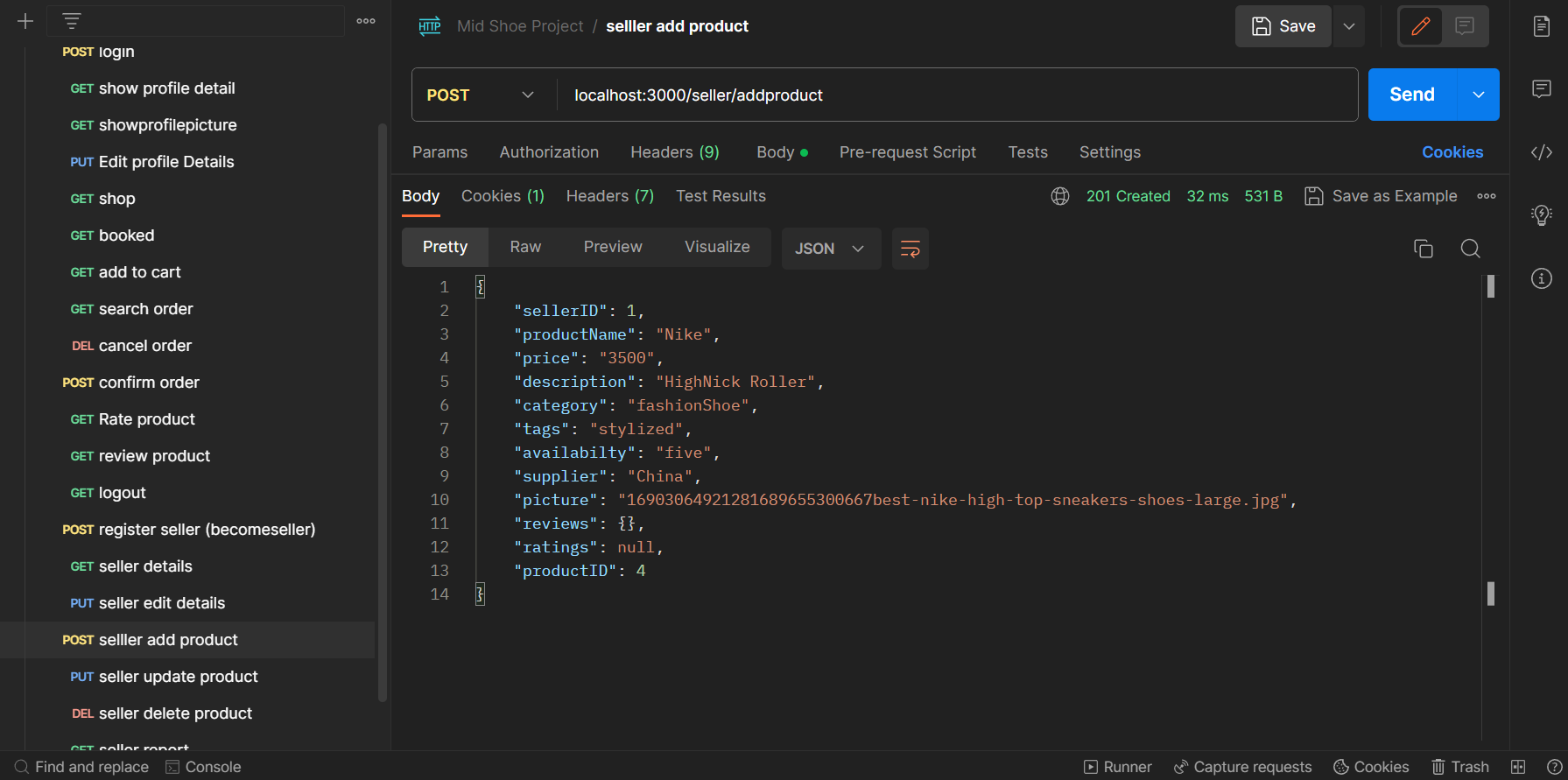
Payment Section



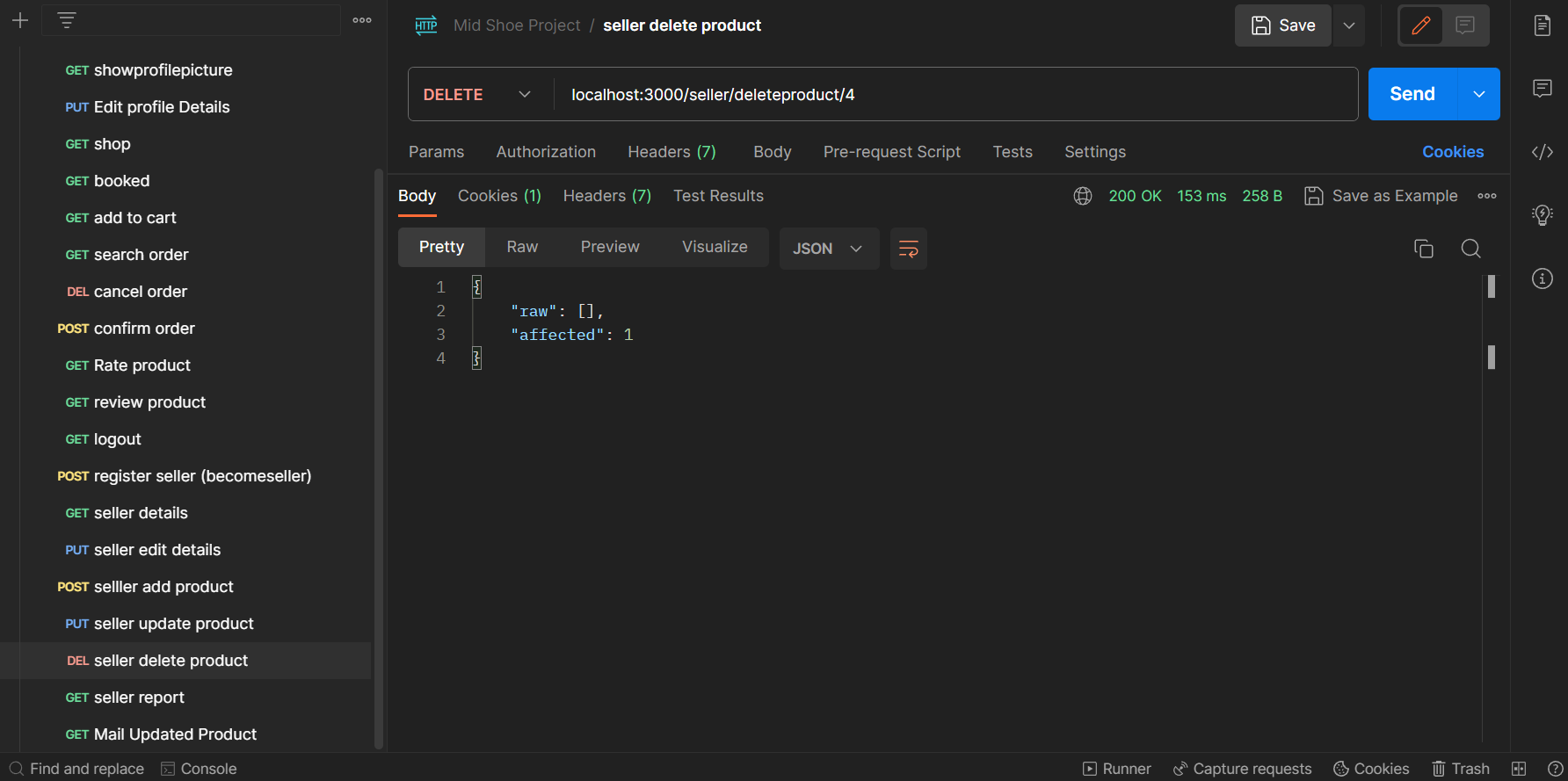
Seller added



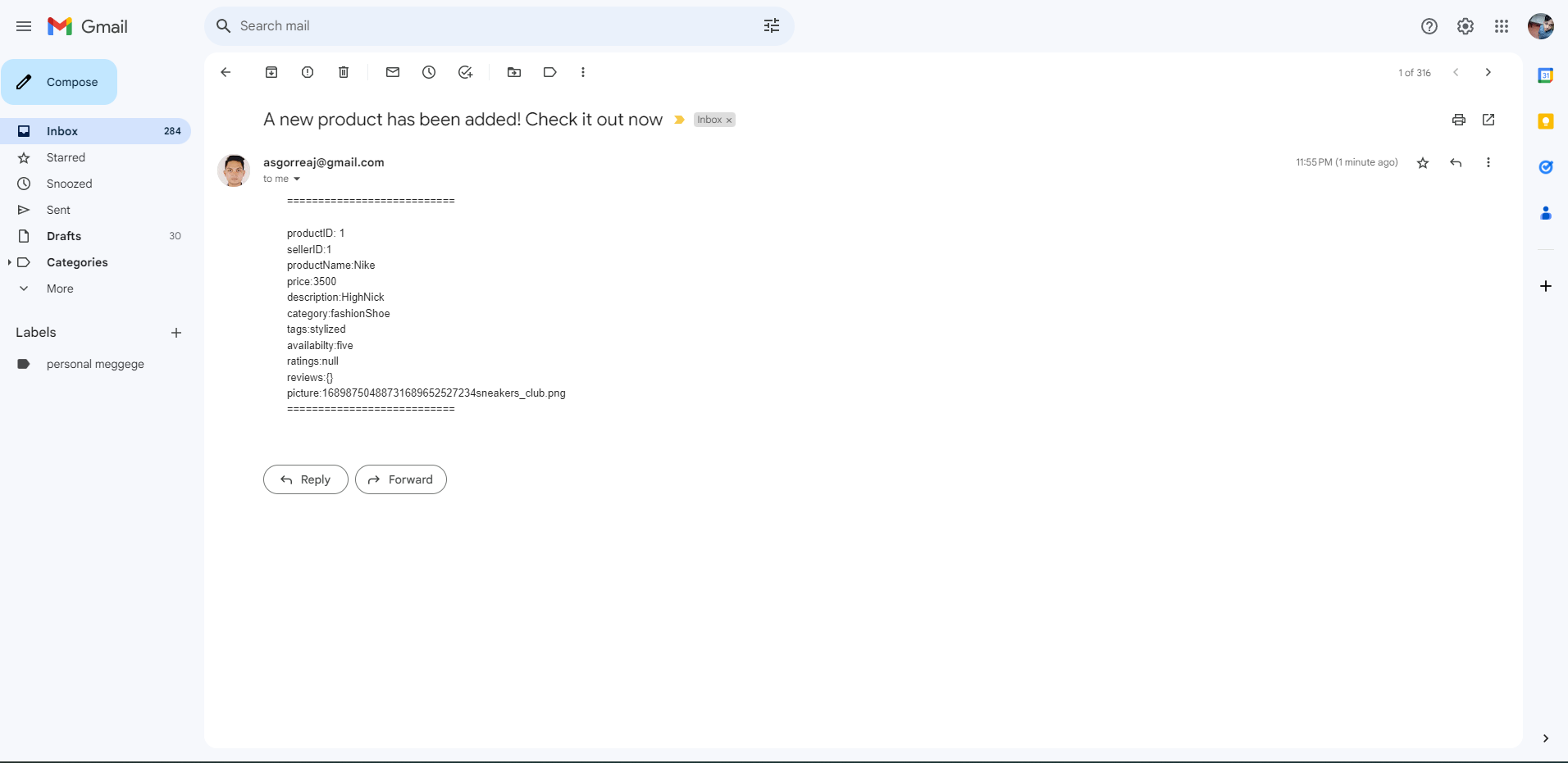
Seller added product



Seller Delete a product



Mail



Impact of this Project:

Our sneaker club project holds increasing importance in modern society and fashion culture by celebrating stylish footwear and fostering a passionate community of sneaker enthusiasts. People will benefit from our platform through trendsetting, education, and connection, enabling them to express their unique style and stay updated on the latest sneaker releases and collaborations. Additionally, our marketplace provides access to a diverse range of sneakers, allowing individuals to elevate their fashion game and find their perfect pair. Together, we can create a vibrant sneaker culture and make a lasting impact on the world of fashion.

(Maximum 80 words)

Limitations and Possible Future Improvements:

While our sneaker club project strives to make a positive impact on fashion culture, it has a few limitations. Firstly, the availability of limited-edition sneakers may be limited, leading to high demand and potential exclusivity. In the future, collaborating with more brands and suppliers can increase access to sought-after releases. Additionally, maintaining user engagement will be vital, and introducing interactive features like sneaker discussions, exclusive events, and expert interviews can enhance the community experience. Together, we can evolve into the ultimate destination for sneaker enthusiasts worldwide.

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| CO1 Evaluation: Project Report Evaluation | | | |
| Problem  Analysis  (5) | Use Case  Diagram  (5) | ER  Diagram  (5) | Total (15) |
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