**# Starbucks Group Project CMPE 202**

Team Members:

1. Pooja Kataria: 013818415

2. Amit Kamboj: 013827489

3. Nihal Konda: 013828997

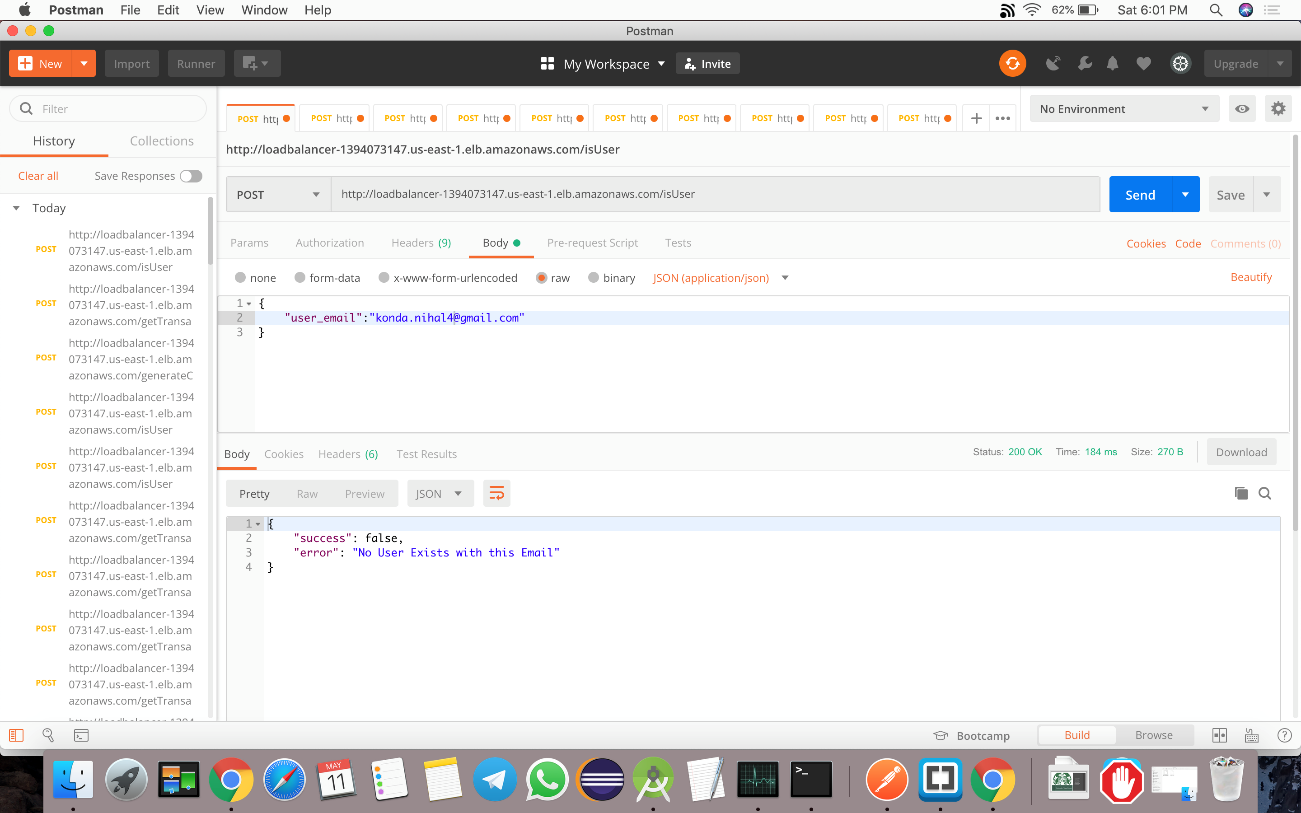
4. Jessica Mathias : 013838097

5. Prathamesh Patki: 013772395

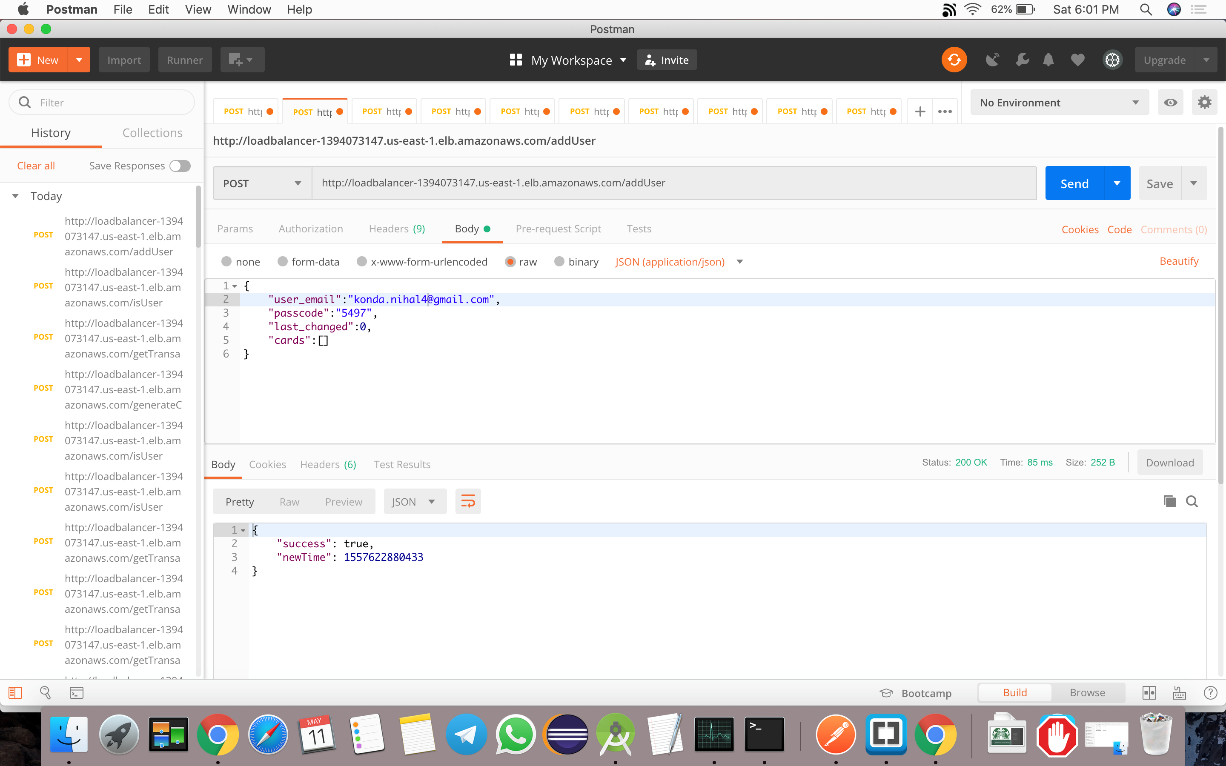
**Individual Contributions:**

**1. Nihal Konda: User Authentication API**

Initially when a user tries to login, the isUser API is called which checks if the user is already present in the Mongo DB. If the user is a new user, the API returns success: false which shows that the user does not exist in the database.

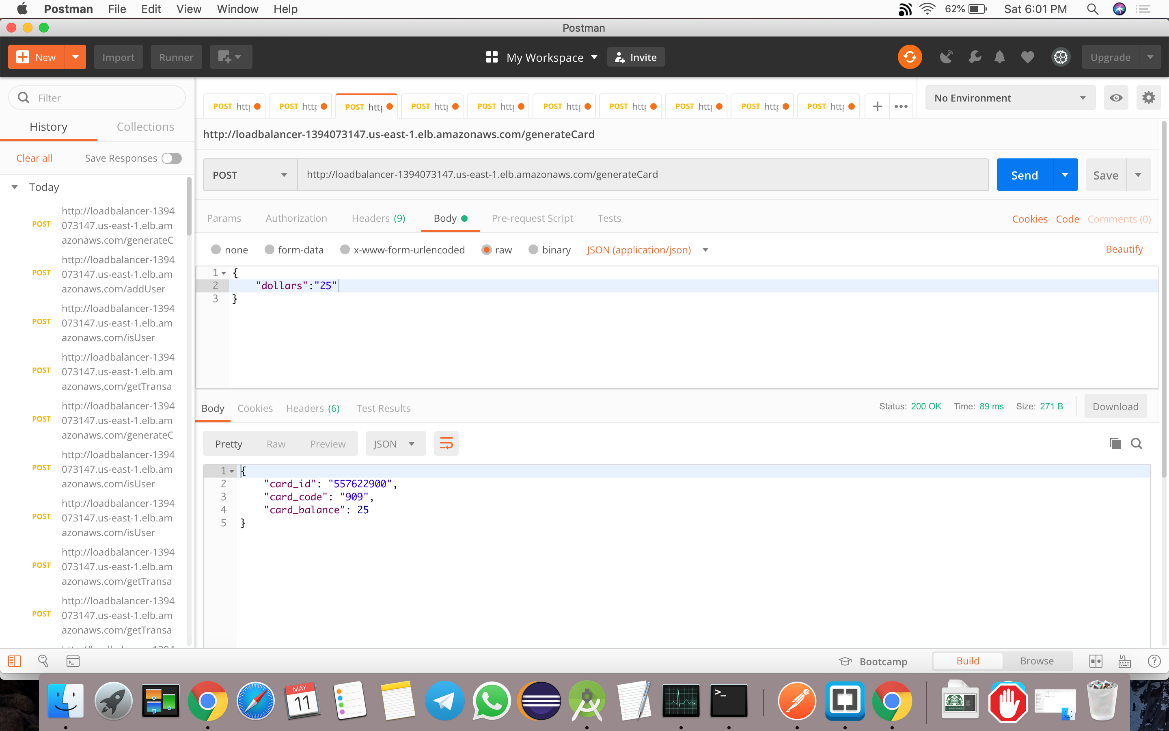


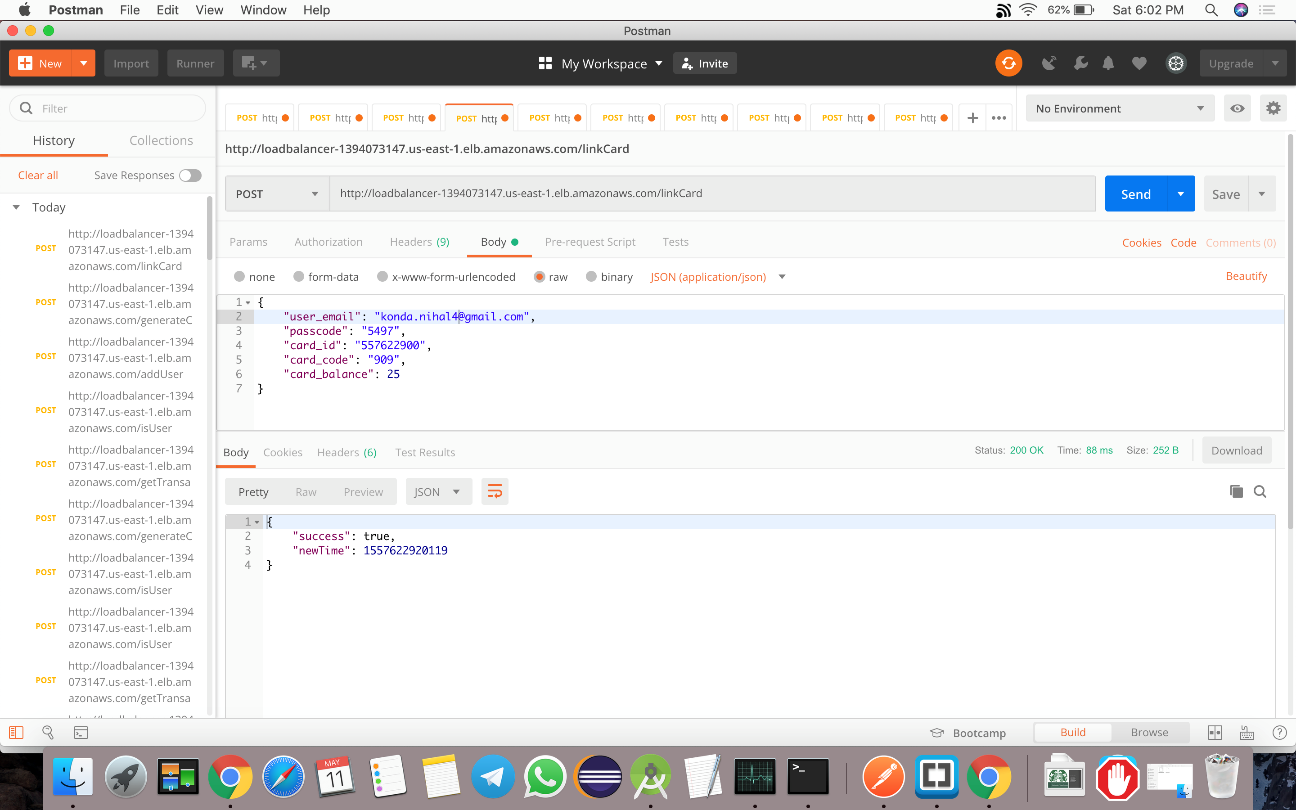
Next the addUser API is called where the user enters his passcode and an account is created for the user which is shown in the POSTMAN as success:true



**2. Pooja Kataria: Add Card API**

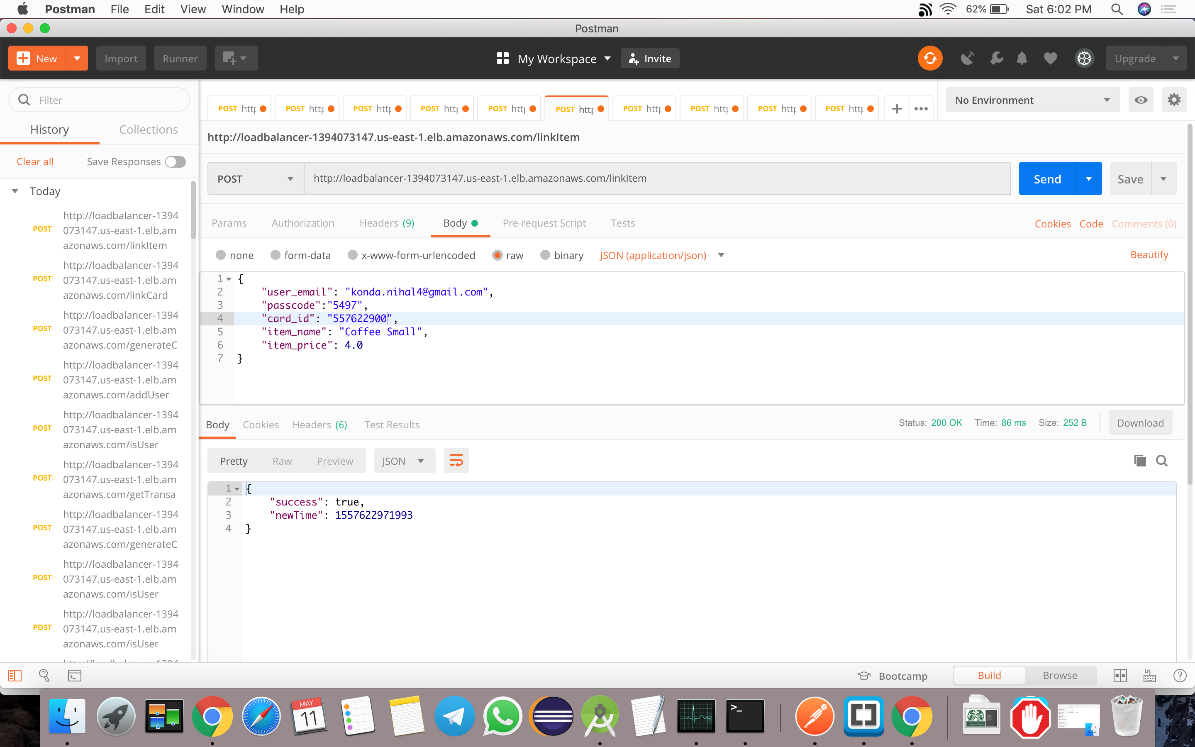
Once the user has logged in, he needs to enter a 9-digit card number and a 3-digit card code and a default balance. When he clicks on send in postman, generateCard API pushes the details into the Mongo DB stores the card details for the user. The linkCard API also stores multiple cards can be stored for a user. The Add Card API is also validated against entering a card number lesser than 9 digits or entering a balance lesser than 0.





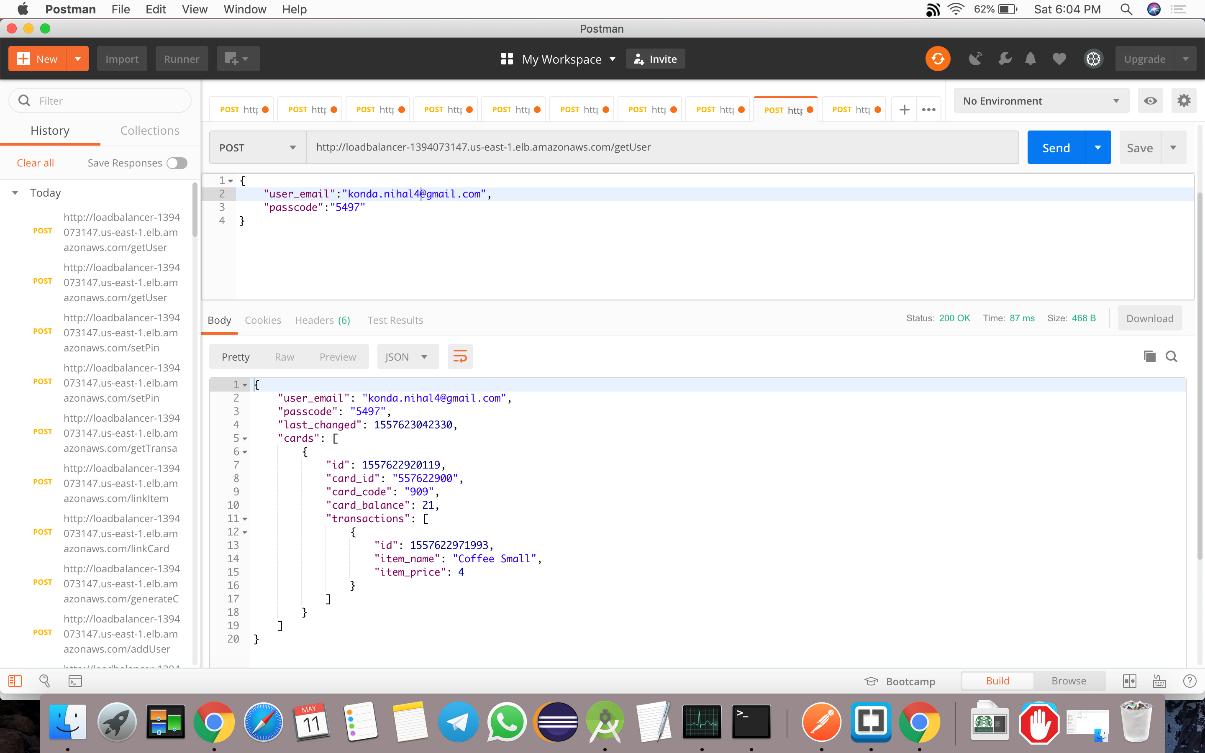
**3. Payment API: Jessica Mathias**

Once the card is added, the user might want to order an item from starbucks and pay for that order. When the user enters the item name and item price, the linkItem API is called. The linkItem API validates the transaction against the card details and the card balance. Once the card details are validated, the necessary balance is deducted, and the API returns a success message. The new balance will be reflected in the user’s card details



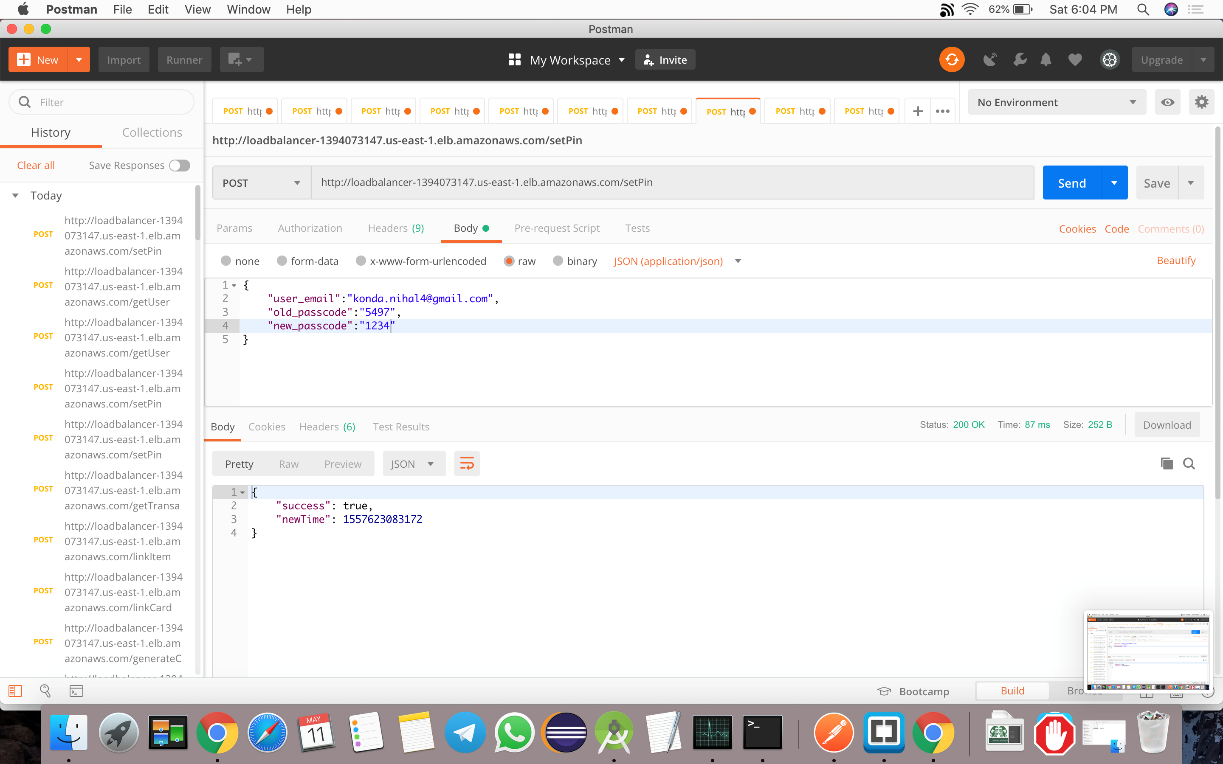
**4. Managed Orders API: Amit Kamboj**

The user might want to see a list of all the transactions he has made from his particular card. He can view these transactions using a getTransactions API which returns a list of transactions



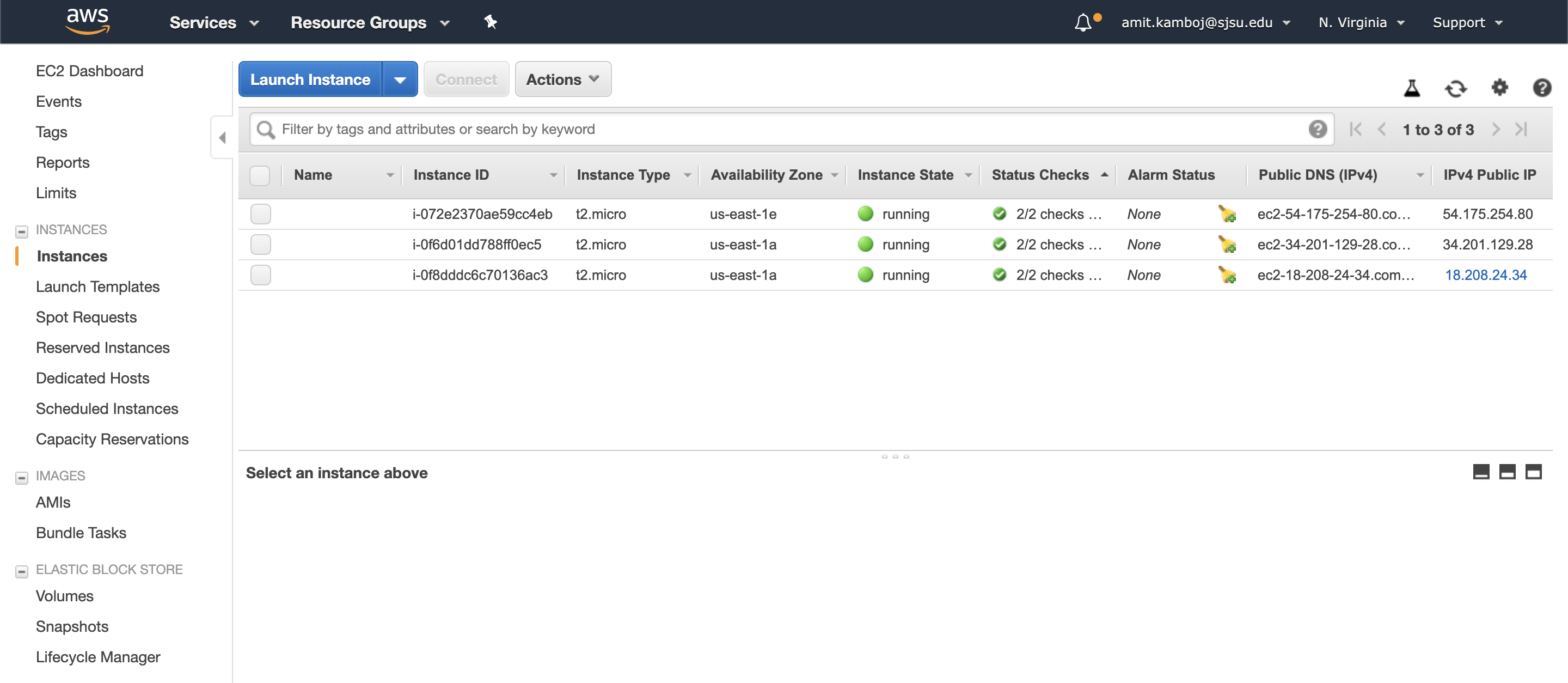
**5. Reset Pin API: Prathamesh Patki**

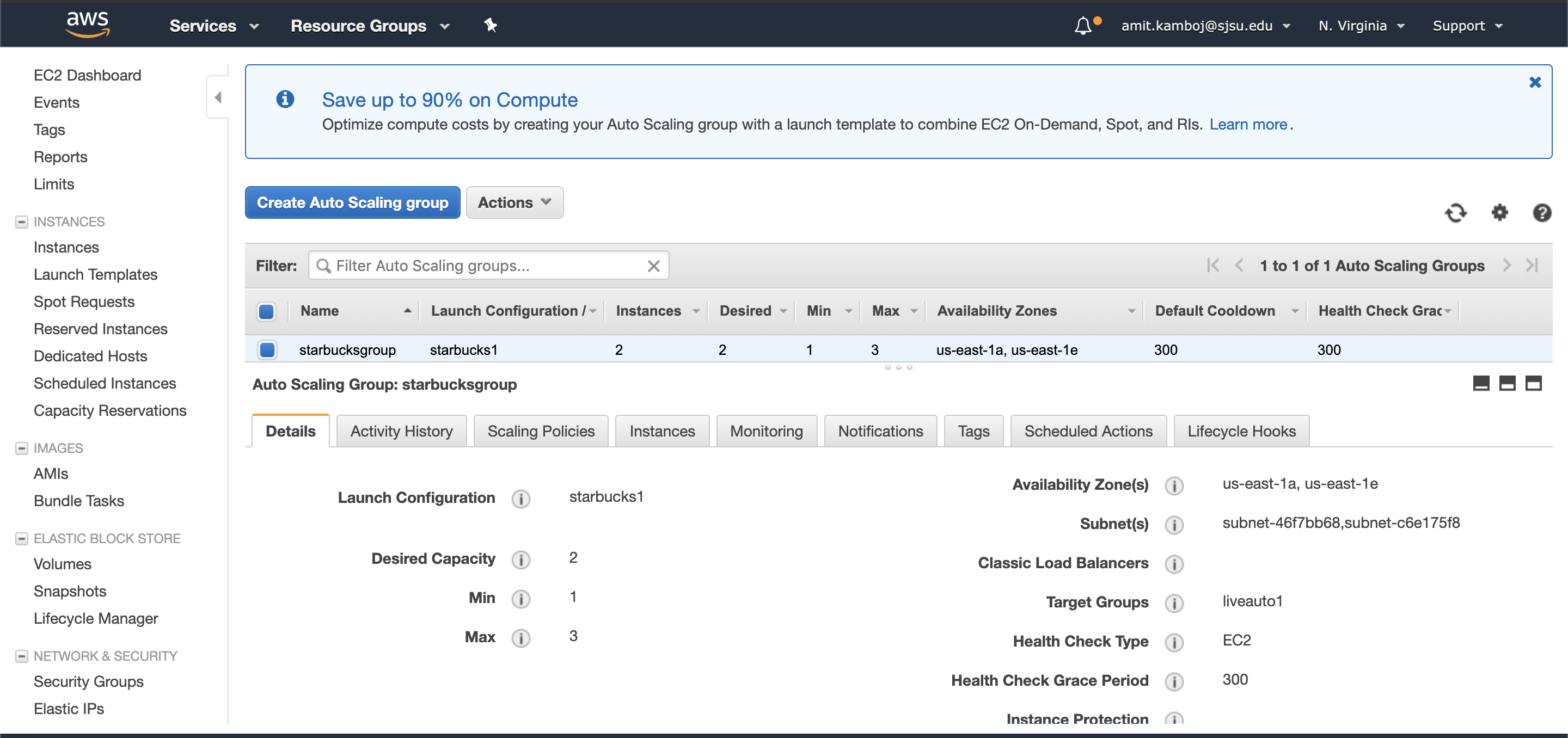
In order to reset the pin for the user, the setPin API is implemented. The user enters his old passcode and new passcode and clicks on submit. The new password for the user is reflected in Postman

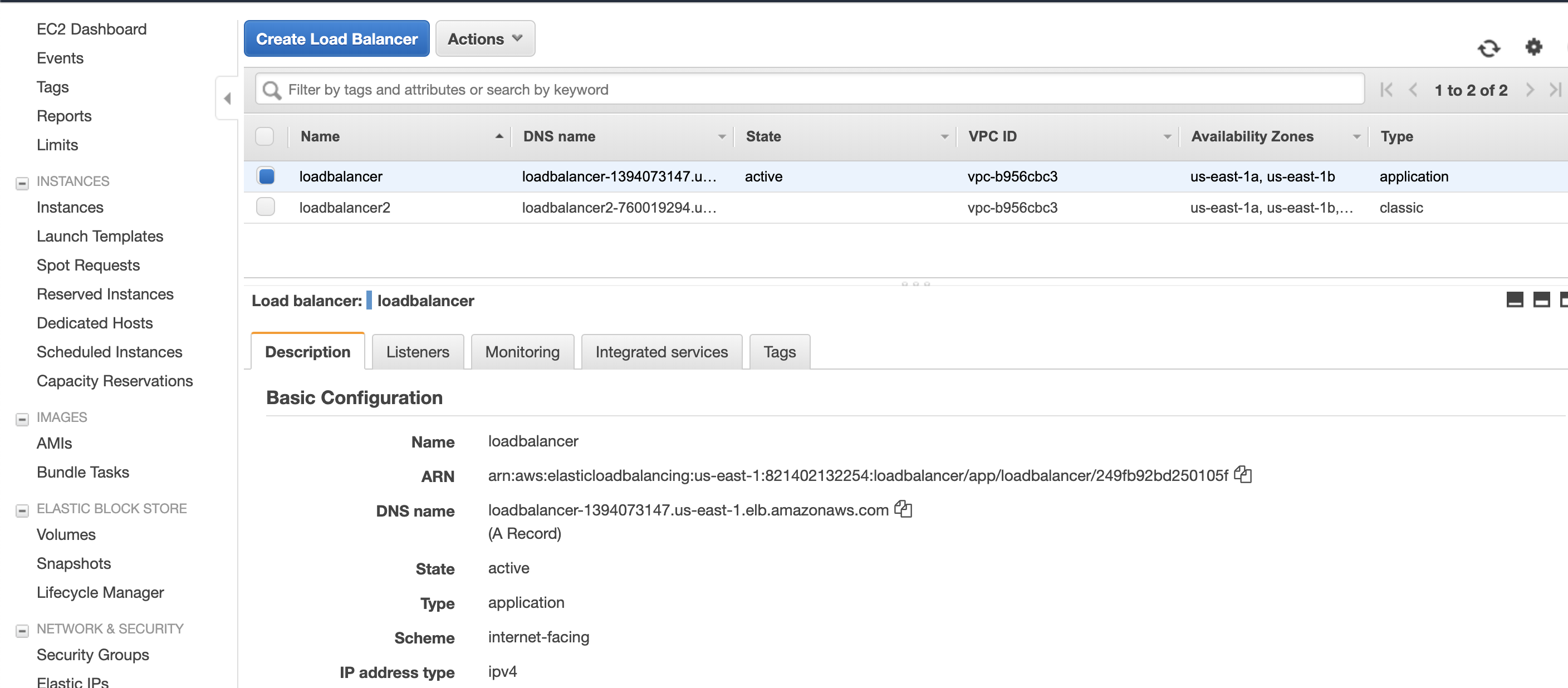


Extra Credits:

1. **Creating an AWS instance for our Starbucks App and implementing load balancer: Amit Kamboj, Pooja Kataria, Nihal Konda**







1. **Creating an android mobile application for Starbucks: Nihal Konda and Prathamesh Patki**

