**Assignment 8: Node, Mongo and Express**

1. Create user which takes 2 parameters email and password. Enforce strong password rule and add validation for email format

Api Endpoint:

**POST: /user/create** – User creation with a meaningful message in JSON (return 200 for successful creation and 400 for bad request such as invalid user email or password)

2. Create a product for the user which takes 2 parameter **productName** and **productPrice**

Api Endpoint:

**POST: /user/:email/product** – return data in Json (200 for successful creation and 401 for unauthorized such as invalid user email and 400 bad request for empty product name and price)

3. Update the product by taking **productName** and **productPrice** as input

Api Endpoint:

**PUT: /user/:email/product/:productId** – (204 for successful update and 401 for unauthorized such as invalid user email or product id and 400 bad request for empty product name and price)

4. Delete the product by taking **id** as input

Api Endpoint:

**DELETE: /user/:email/product/:productId** – (204 for successful deletion and 401 for unauthorized such as invalid user email or product id)

5. Get all the product in JSON format

Api Endpoint:

**GET: /user/:email/product**– (200 for success and 401 for unauthorized such as invalid user email)

**NOTE:**

**1. There should be no UI for this assignment**

**2. 200, 400, 401 are the status code which should be updated in the response tab accordingly in postman**