

Updated Trial Assignment Report

1. Challenges

There wasn't anything challenging particularly, most of the task wasn't that hard and could be doable easily.

2. Points for improvement

- a. Code structure: Code structure could be better.
- b. Backend: Couldn't create the Rest API using django.

3. Self evaluation

I am satisfied in terms of functionality, I guess I completed most of the functional requirements.

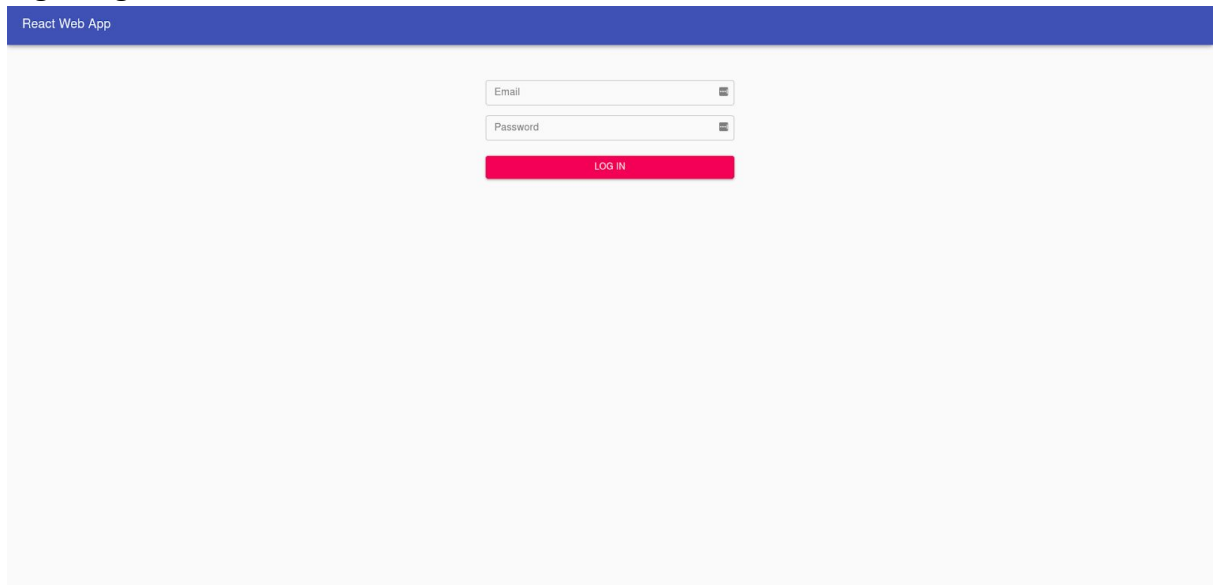
I have added some of the missing requirements in the existing project like adding basic validation in the input fields, wrote some unit tests.

So, overall I am satisfied.

There are some requirements that I couldn't complete like developing the backend and using antd for the frontend.

4. Screenshots

Login Page:



React Web App

Email

Password

LOG IN

Input Page:

React Web App

LOGOUT

User

Name

Md. Sabbir Alam

Gender

Male

Age

30

Email

sabbiralam.cse@gmail.

Country

Russia

City

Nizhny Novgorod

UPDATE USER DATA

Input Data

Browse...

product.csv

UPLOAD FILE

Manual CSV Data Input

data,product,sales_number,revenue,userId
2010-2-2,Bulldog clip,5.0,10,1
2010-2-4,Paper,5,5.00,4
2010-2-9,Scissors,5,5.50,2
2010-3-8,Ruler,5,10.00,2
2010-3-15,Tape dispenser,27,1.25,1
2010-4-4,Paper,100,20.00,2
2010-4-8,Glue,59,3.50,4
2010-4-19,Pencil sharpener,130,1.35,4
2010-5-3,Calculator,100,15.00,2

UPLOAD

RESET

Output Page:

React Web App

LOGOUT

Personal Information

Name :

Md. Sabbir Alam

Age :

30

Gender :

Male

Email :

sabbiralam.cse@gmail.

Country :

Russia

City :

Nizhny Novgorod

Data

OrderBy

date

☐

Date

☐

Prod...

☐

Sale...

☐

Reve...

☐

2010-2-2

☐

Bulldog ...

☐

5

☐

0.10

☐

2010-2-2

☐

Bulldog ...

☐

5

☐

0.10

☐

2010-2-4

☐

Paper

☐

5

☐

5.00

☐

2010-2-9

☐

Scissors

☐

5

☐

5.50

☐

2010-3-8

☐

Ruler

☐

5

☐

10.00

1 of 17

Chart

Y-Axis

sales_num...

sales_number per product

sales_number

Statistics Table:

Statistics Table

Average Sales()		Avg Sales(All)	Most Expensive Product		Most Revenue Earning product		Most Sold product	
UserName	Average	Average	Product Name	Revenue	Product Name	Total Revenue	Product Name	Total Sales
Md. Sabbir Alam	9.71470558235294	9.703571428571431	Ruler	2	Label	90.1	Label	1150

RESET

5. Missing items

- a. Backend using django.

6. Improvements

- a. The components could be more generic.
- b. A global store implemented using the new context API would be nice.