**Problem-1: Dashboard 25 Marks**

**Objective**

In this challenge, we will use a react for making dashboard.

**Task**

Make a dashboard using react with different component (Tile(card), bootstrap datatable, chart). The dashboard contains below information:

**Row1- Four tile card in a row having information-**

Tile1- Today’s total order’s count , Current week total order’s count.

Tile2- Today’s total Order’s amount, Current week total order’s amount.

Tile3- Current month total order’s count, Last month total order’s count.

Tile4- Current month total order’s amount, Last month total order’s amount.

MTD order amount- 65000

Last month amount- 45000

MTD order- 400

Last Month Order- 200

Today’s order amount- 20000

Current Week amount- 45000

Today’s order- 200

Current Week Order- 450

**Row2- Daily Order Trend - Add daily trend order count chart using line chart.**

**Row3- Add top five and bottom five order tables.**

**Top 5 order**

|  |  |  |  |
| --- | --- | --- | --- |
| **Order No** | **Total Amount** | **Total Quantity** | **User Name** |

**Bottom 5 order**

|  |  |  |  |
| --- | --- | --- | --- |
| **Order No** | **Total Amount** | **Total Quantity** | **User Name** |

**Row4- Add top five and bottom five user tables.**

**Top 5 user**

|  |  |  |  |
| --- | --- | --- | --- |
| **User Name** | **Total Amount** | **Total Quantity** | **City** |

**Bottom 5 user**

|  |  |  |  |
| --- | --- | --- | --- |
| **User Name** | **Total Amount** | **Total Quantity** | **City** |
|  |  |  |  |

**Row5 – Detail Order Report**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UserName** | **OrderNo** | **OrderDate** | **Status** | **TotalAmount** | **TotalQty** | **TotalProductCount** |

**Note-**

1. You must use react component with material UI to make the dashboard.
2. Material UI flex should be use.
3. All the data should come from rest api. If we change the data so its should reflect in dashboard.
4. Use any chart Library for making chart.
5. There will region dropdown will be top of dashboard and based on region dashboard should change.

**Problem-2: Order Catalogue 25 Marks**

**Objective**

In this challenge, we use a react component for making order taking module where user can take orders.

**Task**

Make a order catalogue module using react with different component (catalogue(card),cart page, search button,submit button). The order module contains below information:

- **Catalogue**-

-User can choose products from catalogue for the orders. User can search any product or also user can filter products from category, brand etc. User can add products in his cart and every selection of product cart should reflect immediately.

**– Cart Page**

User can see his cart and there will be checkout option to check the final order summary.

-Order Summary Page-

After checkout user can see his final order summary with place order button from where user can place his order and get success response.

**Note-**

1. You must use react component with material UI to make the order catalogue.
2. All the data should come from rest api for catalogue. If we change the data so its should reflect in dashboard.
3. Some browser you need to use for local caching.
4. There will be a post api to submit the order.