

ReactJS - Final Project - Admin Dashboard Website

Problem Statement Details:

Demo Website Link: https://templatemo.com/live/templatemo_524_product_admin

Application Details:

- We have removed some elements from the demo website: Like Reports and Settings from navbar and few more so refer the screenshots of the pages(links for the screenshots are given along with the page names below) while working on the website.
- You can refer the demo website link to see the **mobile responsive design**.
- Pages in the website:

1. Login Page (<https://i.imgur.com/22KiMYr.png>)
2. Dashboard Page (<https://i.imgur.com/bUH3UI5.png>)
3. Products Page (<https://i.imgur.com/vi8rdtY.png>)
4. Accounts Page (<https://i.imgur.com/IziNcp3.png>)
5. Add New Product Page (<https://i.imgur.com/1DjPAB0.png>)

Functionalities Pagewise:

You have to make a single API call request to get the data for all the pages at once, store the response in local storage and then use it page wise.

API Call: <https://reactmusicplayer-ab9e4.firebaseio.com/project-data.json>

1. Login Page:

- Add Validations for Username and Password
- Proceed with Login only if the Username and Password are valid
- Show Dashboard Page after Validation is successful

2. Dashboard Page:

- This page has 5 Sections:
 1. Latest Hits,
 2. Performance,
 3. Storage Information,
 4. Notification List,
 5. Order List
- Use the charts.js or apexchart libraries to draw the graphs in sections: (1),(2),(3)
- The reference links for these libraries and their tutorials is given at the bottom of this document

3. Products Page:

- This page has two sections:
 - a) Product List Section on Left
 - b) Product Categories Section on Right
- User can add a new product by clicking on 'ADD NEW PRODUCT' Button
- User should be redirected to the Add New Product Page when he clicks the 'ADD NEW PRODUCT' Button
- User can delete an existing product from the List by clicking on the delete icon
- User can delete multiple existing products by selecting the checkboxes and clicking on 'DELETE SELECTED PRODUCTS' Button
- User can add a new Category by clicking on 'ADD NEW CATEGORY' Button
- You can add a popup for adding a new category in the list. Design it as per your choice, but make sure to maintain consistency with the website theme.

4. Add New Product Page:

- Add Validations for Name, Description, Category, Date and Units fields.
- Validations required for the Upload Image field : The file type can only be jpg, png, bmp, svg and webp. The file cannot be more than 1MB in size.
- User should be redirected back to the Products Page and should see the newly added product in the Product List

5. Accounts Page:

- There are 4 types of accounts: Admin, Editor, Merchant, Customer
- When user selects an account from DropDown the corresponding information should be visible in the respective form fields along with the profile pic
- User can delete his photo when clicked on the delete icon on the photo
- User can upload a new photo
- User can edit any of the form fields on the right
- When user clicks on 'UPDATE YOUR PROFILE' Button, the information should be stored in the local storage and next time when user comes back to see the account in the same session then the updated information should be present in the fields along with the photo.
- Once the user clicks on the 'UPDATE YOUR PROFILE' Button, show a confirmation message on popup 'Information Updated Successfully!'

Links for Reference:

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❖ **API Call:** <https://reactmusicplayer-ab9e4.firebaseio.com/project-data.json>

❖ **chart.js Documentation:** <https://www.chartjs.org/docs/latest/>

❖ **react-chartjs-2 npm link:** <https://www.npmjs.com/package/react-chartjs-2>

❖ **react-chartjs-2 tutorial:** https://www.youtube.com/watch?v=eAsII_yr6tc

❖ **apexchart Documentation:** <https://apexcharts.com/docs/react-charts/>

❖ **apexchart npm link:** <https://www.npmjs.com/package/apexcharts>

❖ **apexchart tutorial:** <https://www.youtube.com/watch?v=JxEyXOISgV0>