

Resollect Frontend Assignment

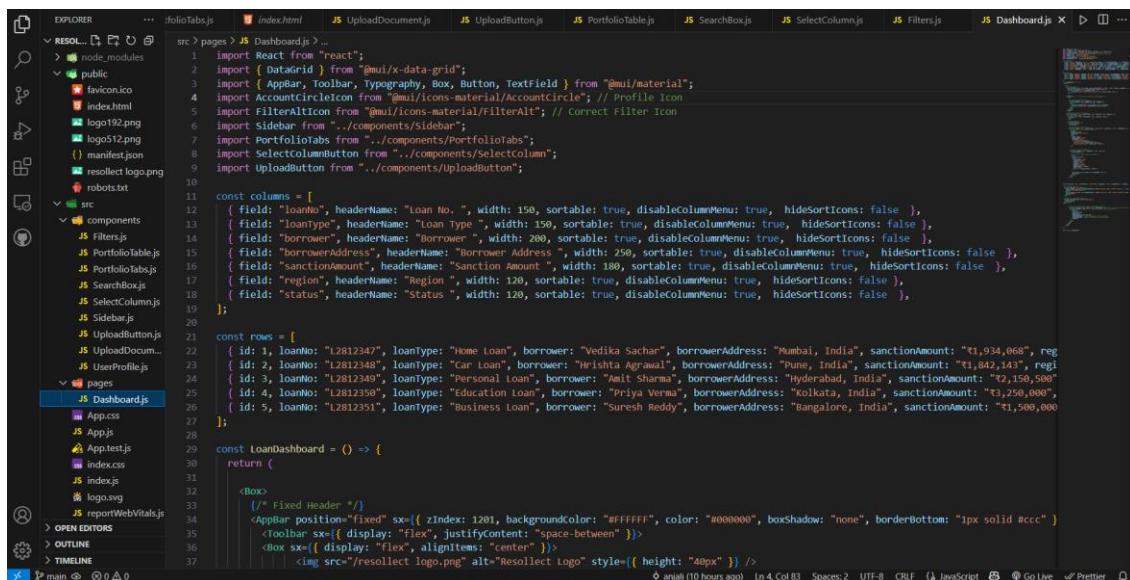
● Overview:-

This project is a frontend application for managing loan portfolios, built using **React.js** and styled with **Material-UI** and **CSS**. It includes features such as document upload, portfolio filtering, and user management.

● Tech Stack Used:-

Technology	Purpose
React.js	Frontend framework for building the UI components
Material-UI (@mui/material)	Provides pre-designed UI components such as buttons, boxes, and forms
JavaScript (ES6+ features)	Used for writing the application logic
CSS (with Material-UI styles)	Custom styling and layout adjustments
Git & GitHub	Version control and code repository

● Folder and File Structure



The screenshot shows a code editor with the file `Dashboard.js` open. The code is a React component for a dashboard page. It imports various components and icons from the Material-UI library and other local files. The component defines state for loan data and renders a grid with columns for loan ID, type, borrower, address, amount, and region. A toolbar at the top has a fixed header and a logo.

```
src > pages > JS Dashboard.js ...  
1 import React from "react";  
2 import { DataGrid } from "@mui/x-data-grid";  
3 import { AppBar, Toolbar, Typography, Box, Button, TextField } from "@mui/material";  
4 import AccountCircleIcon from "@mui/icons-material/AccountCircle"; // Profile Icon  
5 import FilterAltIcon from "@mui/icons-material/filterAlt"; // Correct Filter Icon  
6 import Sidebar from "../components/sidebar";  
7 import PortfolioTabs from "../components/PortfolioTabs";  
8 import SelectColumn from "../components>SelectColumn";  
9 import UploadButton from "../components/UploadButton";  
10  
11 const columns = [  
12   { field: "loanId", headerName: "Loan No.", width: 150, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
13   { field: "loanType", headerName: "Loan Type", width: 150, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
14   { field: "borrower", headerName: "Borrower", width: 200, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
15   { field: "borrowerAddress", headerName: "Borrower Address", width: 250, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
16   { field: "sanctionAmount", headerName: "Sanction Amount", width: 180, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
17   { field: "region", headerName: "Region", width: 120, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
18   { field: "status", headerName: "Status", width: 120, sortable: true, disableColumnMenu: true, hideSortIcons: false },  
19 ];  
20  
21 const rows = [  
22   { id: 1, loanId: "L2812347", loanType: "Home Loan", borrower: "Vedika Sachan", borrowerAddress: "Mumbai, India", sanctionAmount: "$1,934,068", regi...  
23   { id: 2, loanId: "L2812348", loanType: "Car Loan", borrower: "Hrishita Agrawal", borrowerAddress: "Pune, India", sanctionAmount: "$1,842,143", regi...  
24   { id: 3, loanId: "L2812349", loanType: "Personal Loan", borrower: "Amit Sharma", borrowerAddress: "Hyderabad, India", sanctionAmount: "$2,158,500", regi...  
25   { id: 4, loanId: "L2812350", loanType: "Education Loan", borrower: "Priya Verma", borrowerAddress: "Kolkata, India", sanctionAmount: "$3,250,000", regi...  
26   { id: 5, loanId: "L2812351", loanType: "Business Loan", borrower: "Suresh Reddy", borrowerAddress: "Bangalore, India", sanctionAmount: "$1,500,000", regi...  
27 ];  
28  
29 const LoanTable = () => {  
30   return (  
31     <Box>  
32       (</> Fixed Header *)  
33       <AppBar position="fixed" sx={{ zIndex: 1201, backgroundColor: "#FFFFFF", color: "#000000", boxShadow: "none", borderBottom: "1px solid #ccc" }>  
34         <Toolbar sx={{ display: "flex", justifyContent: "space-between" }}>  
35           <Box sx={{ display: "flex", alignItems: "center" }>  
36               
37           <Box>  
38             <img alt="Material-UI logo" />  
39           </Box>  
40         </Toolbar>  
41       </AppBar>  
42     <DataGrid columns={columns} rows={rows} sx={{ height: "100%" }} />  
43   </Box>  
44 );  
45 }  
46  
47 const AppDashboard = () => {  
48   return (  
49     <Box>  
50       (</> Main Content *)  
51       <Box>  
52         <Grid container spacing={2}>  
53           <Grid item xs={6}>  
54             <Card>  
55               <Formik>  
56                 <Form>  
57                   <Grid container spacing={2}>  
58                     <Grid item xs={12}>  
59                       <InputField>  
60                     </Grid>  
61                     <Grid item xs={12}>  
62                       <InputField>  
63                     </Grid>  
64                     <Grid item xs={12}>  
65                       <InputField>  
66                     </Grid>  
67                     <Grid item xs={12}>  
68                       <InputField>  
69                     </Grid>  
70                   </Grid>  
71                 </Form>  
72               </Card>  
73             </Grid>  
74           <Grid item xs={6}>  
75             <Card>  
76               <Formik>  
77                 <Form>  
78                   <Grid container spacing={2}>  
79                     <Grid item xs={12}>  
80                       <InputField>  
81                     </Grid>  
82                     <Grid item xs={12}>  
83                       <InputField>  
84                     </Grid>  
85                     <Grid item xs={12}>  
86                       <InputField>  
87                     </Grid>  
88                   </Grid>  
89                 </Form>  
90               </Card>  
91             </Grid>  
92           </Grid>  
93         </Grid>  
94       </Box>  
95     </Box>  
96   )  
97 }  
98  
99 const App = () => {  
100   return (  
101     <AppDashboard />  
102   )  
103 }  
104  
105 export default App;
```

```
resollect_frontend/
|-- node_modules/      # Installed dependencies
|-- public/           # Static assets (logo, index.html, etc.)
|-- src/              # Main source code
|   |-- components/    # Reusable UI components
|   |   |-- Filters.js
|   |   |-- PortfolioTable.js
|   |   |-- PortfolioTabs.js
|   |   |-- SearchBox.js
|   |   |-- SelectColumn.js
|   |   |-- Sidebar.js
|   |   |-- UploadButton.js
|   |   |-- UploadDocument.js
|   |   |-- UserProfile.js
|   |-- pages/          # Page-level components
|   |   |-- Dashboard.js
|   |-- styles/          # Global styles (CSS)
|   |-- App.js           # Main component, routes and state management
|   |-- index.js          # Entry point, renders App.js
|   |-- reportWebVitals.js
|   |-- setupTests.js
|-- .gitignore          # Files to exclude from Git tracking
|-- package.json         # Project metadata and dependencies
|-- README.md            # Project documentation
```

- **Explanation of Key Components:-**

[PortfolioTabs.js \(Filter Navigation\)](#)

1. Displays different filter options for categorizing loans.
2. Uses useState to manage the selected filter.
3. Material-UI Box and Button components for styling.
4. **Logic:** Clicking a tab updates the selected filter.

```

const [selectedFilter, setSelectedFilter] = useState("All");

const filters = [
  "All", "Pre Sarfaesi", "NPA", "13(3) Responses",
  "Symbolic Possession", "DM Order", "Physical Possessions", "Auctions"
];

return (
  <Box sx={{ display: "flex", gap: 1 }}>
    {filters.map((filter) => (
      <Button key={filter} onClick={() => setSelectedFilter(filter)}>
        {filter}
      </Button>
    ))}
  </Box>
);

```

UploadDocument.js (Document Upload Modal)

- 1.A form for uploading loan-related documents.
- 2.Includes dropdowns for **Document Name** and **Document Type**, an input for **Remarks**, and a **File Upload** button.
- 3.Uses Material-UI components for styling.

```

return (
  <Box>
    <Typography>Upload Document</Typography>
    <Select placeholder="Document Name">
      {/* Options here */}
    </Select>
    <Select placeholder="Document Type">
      {/* Options here */}
    </Select>
    <TextField placeholder="Document Remarks" />
    <Button>Choose File</Button>
    <Button>Submit</Button>
  </Box>
);

```

Sidebar.js (Navigation Panel)

1. Provides links to different sections (Dashboard, Portfolio, Notices, etc.).
2. Uses Material-UI icons and buttons for navigation.

```
const menuItems = [
  { name: "Dashboard", icon: <DashboardIcon /> },
  { name: "Portfolio", icon: <FolderIcon /> },
  { name: "Notices", icon: <NotificationsIcon /> },
];

return (
  <Drawer>
    {menuItems.map((item) => (
      <ListItem button key={item.name}>
        {item.icon}
        <ListItemText primary={item.name} />
      </ListItem>
    ))}
  </Drawer>
);
```

PortfolioTable.js (Loan Data Table)

1. Displays loan details in a tabular format.
2. Uses Material-UI Table component.
3. Columns include **Loan Number, Borrower Name, Address, Loan Type**, etc.

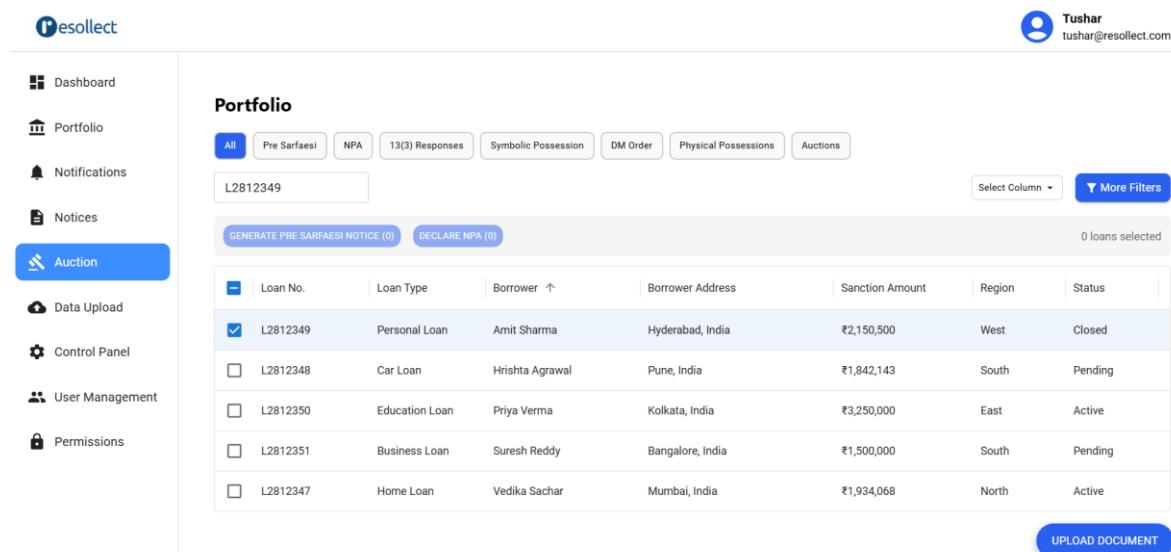
```

<Table>
  <TableHead>
    <TableRow>
      <TableCell>Loan No.</TableCell>
      <TableCell>Loan Type</TableCell>
      <TableCell>Borrower</TableCell>
      <TableCell>Address</TableCell>
    </TableRow>
  </TableHead>
  <TableBody>
    {loanData.map((loan) => (
      <TableRow key={loan.id}>
        <TableCell>{loan.loanNo}</TableCell>
        <TableCell>{loan.type}</TableCell>
        <TableCell>{loan.borrower}</TableCell>
        <TableCell>{loan.address}</TableCell>
      </TableRow>
    )))
  </TableBody>
</Table>

```

● Features Implemented

- 1. Sidebar Navigation:** Navigate between Dashboard, Portfolio, Notices, and User Management.



The screenshot shows the Resollect application interface. On the left is a sidebar with navigation links: Dashboard, Portfolio, Notifications, Notices, Auction (which is highlighted in blue), Data Upload, Control Panel, User Management, and Permissions. The main content area is titled "Portfolio". At the top, there are several buttons: All, Pre Sarfaesi, NPA, 13(3) Responses, Symbolic Possession, DM Order, Physical Possessions, and Auctions. Below these are search and filter options: a search bar containing "L2812349", a "Select Column" dropdown, and a "More Filters" button. At the bottom of the main area is a "UPLOAD DOCUMENT" button. The central part of the screen displays a table of loan data with columns: Loan No., Loan Type, Borrower, Borrower Address, Sanction Amount, Region, and Status. The table contains five rows of data, with the first row (L2812349) having a checked checkbox in the first column.

	Loan No.	Loan Type	Borrower	Borrower Address	Sanction Amount	Region	Status
<input checked="" type="checkbox"/>	L2812349	Personal Loan	Amit Sharma	Hyderabad, India	₹2,150,500	West	Closed
<input type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal	Pune, India	₹1,842,143	South	Pending
<input type="checkbox"/>	L2812350	Education Loan	Priya Verma	Kolkata, India	₹3,250,000	East	Active
<input type="checkbox"/>	L2812351	Business Loan	Suresh Reddy	Bangalore, India	₹1,500,000	South	Pending
<input type="checkbox"/>	L2812347	Home Loan	Vedika Sachar	Mumbai, India	₹1,934,068	North	Active

- [Dashboard](#)
- [Portfolio](#)
- [Notifications](#)
- [Notices](#)
- [Auction](#)
- [Data Upload](#)
- [Control Panel](#)
- [User Management](#)
- [Permissions](#)

Portfolio

[All](#) [Pre Sarfaesi](#) [NPA](#) [13\(3\) Responses](#) [Symbolic Possession](#) [DM Order](#) [Physical Possessions](#) [Auctions](#)

L2812349

Select Column ▾
[More Filters](#)

[GENERATE PRE SARFAESI NOTICE \(0\)](#)
[DECLARE NPA \(0\)](#)
0 loans selected

Loan No.	Loan Type	Borrower	Borrower Address	Sanction Amount	Region	Status
L2812349	Personal Loan	Amit Sharma	Hyderabad, India	₹2,150,500	West	Closed
L2812348	Car Loan	Hrishta Agrawal	Pune, India	₹1,842,143	South	Pending
L2812350	Education Loan	Priya Verma	Kolkata, India	₹3,250,000	East	Active
L2812351	Business Loan	Suresh Reddy	Bangalore, India	₹1,500,000	South	Pending
L2812347	Home Loan	Vedika Sachar	Mumbai, India	₹1,934,068	North	Active

[UPLOAD DOCUMENT](#)

Document Upload Modal:

- Users can upload documents related to loans.
- Supports file validation (e.g., PDF, DOCX, image formats).
- Uploaded documents are linked to the respective loans for easy access.
- Provides visual feedback (e.g., success messages, progress indicators) during the upload process.

Portfolio

[All](#) [Pre Sarfaesi](#) [NPA](#) [13\(3\) Responses](#) [Symbolic Possession](#) [DM Order](#) [Physical Possessions](#) [Auctions](#)

Search Loan No.

[GENERATE PRE SARFAESI NOTICE \(0\)](#)
[DECLARE NPA \(0\)](#)

<input type="checkbox"/>	Loan No.	Loan Type	Borrower	Borrower Address	Sanction Amount
<input type="checkbox"/>	L2812347	Home Loan	Vedika Sachar	Mumbai, India	₹1,934,068
<input type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal	Pune, India	₹1,842,143
<input type="checkbox"/>	L2812349	Personal Loan	Amit Sharma	Hyderabad, India	₹2,150,500
<input type="checkbox"/>	L2812350	Education Loan	Priya Verma	Kolkata, India	₹3,250,000
<input type="checkbox"/>	L2812351	Business Loan	Suresh Reddy	Bangalore, India	₹1,500,000

Upload Document

Checkbox Selection

- Individual Selection:** Users can select or deselect specific loans.
- Bulk Selection:** A master checkbox allows selecting/deselecting all loans at once.
- Updates the count of selected loans dynamically.

Loan Management Dashboard							0 loans selected
	Loan No.	Loan Type	Borrower	Borrower Address	Sanction Amount	Region	Status
<input checked="" type="checkbox"/>	L2812347	Home Loan	Vedika Sachar	Mumbai, India	₹1,934,068	North	Active
<input checked="" type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal	Pune, India	₹1,842,143	South	Pending
<input checked="" type="checkbox"/>	L2812349	Personal Loan	Amit Sharma	Hyderabad, India	₹2,150,500	West	Closed
<input checked="" type="checkbox"/>	L2812350	Education Loan	Priya Verma	Kolkata, India	₹3,250,000	East	Active
<input checked="" type="checkbox"/>	L2812351	Business Loan	Suresh Reddy	Bangalore, India	₹1,500,000	South	Pending

	Loan No.	Loan Type	Borrower	Borrower Address	Sanction Amount	Region	Status
<input checked="" type="checkbox"/>	L2812347	Home Loan	Vedika Sachar	Mumbai, India	₹1,934,068	North	Active
<input checked="" type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal	Pune, India	₹1,842,143	South	Pending
<input type="checkbox"/>	L2812349	Personal Loan	Amit Sharma	Hyderabad, India	₹2,150,500	West	Closed
<input type="checkbox"/>	L2812350	Education Loan	Priya Verma	Kolkata, India	₹3,250,000	East	Active
<input type="checkbox"/>	L2812351	Business Loan	Suresh Reddy	Bangalore, India	₹1,500,000	South	Pending

Sorting Functionality

- Allows sorting by clicking on column headers (e.g., Loan Type, Sanction Amount).
- Sorts in ascending or descending order for better data organization.

<input type="checkbox"/>	Loan No.	Loan Type ↑	Borrower
<input type="checkbox"/>	L2812351	Business Loan	Suresh Reddy
<input type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal
<input type="checkbox"/>	L2812350	Education Loan	Priya Verma
<input type="checkbox"/>	L2812347	Home Loan	Vedika Sachar
<input type="checkbox"/>	L2812349	Personal Loan	Amit Sharma

<input type="checkbox"/>	Loan No.	Loan Type ↓	Borrower
<input type="checkbox"/>	L2812349	Personal Loan	Amit Sharma
<input type="checkbox"/>	L2812347	Home Loan	Vedika Sachar
<input type="checkbox"/>	L2812350	Education Loan	Priya Verma
<input type="checkbox"/>	L2812348	Car Loan	Hrishta Agrawal
<input type="checkbox"/>	L2812351	Business Loan	Suresh Reddy

Dynamic Action Buttons

- Generate Pre-SARFAESI Notice & Declare NPA Buttons
- Buttons remain disabled until at least one loan is selected.
- The number of selected loans is dynamically reflected on the button labels.

• How to Run the Project

1. Clone the repository:

```
git clone https://github.com/anji1809/Resollect.git  
cd resollect frontend
```

2. Install Dependencies

```
npm install
```

3. Start the development server

```
npm start
```

4. The application will run at <http://localhost:3000>

• Conclusion

This project successfully implements a loan management UI using React.js and Material-UI. It features a dynamic sidebar, portfolio filtering, a table for loan details, and a document upload modal.