React Frontend Project – Personal Finance Tracker (Assignment Guide)
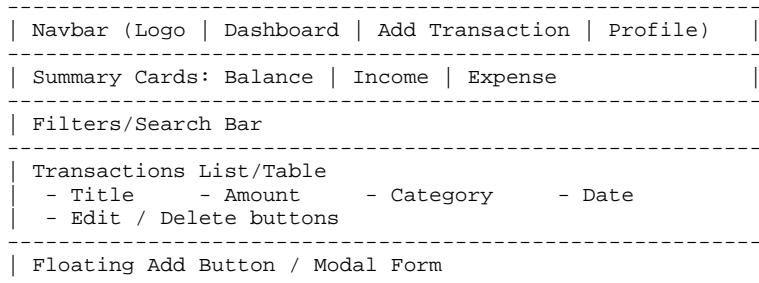
Project Overview

Build a frontend-only fintech dashboard using React where users can manage income and expenses using Firebase for authentication and storage.

Sections Explanation (1-Line Guide)

1. Navbar – Contains logo, navigation links and user profile access.
2. Summary Cards – Show total balance, income and expenses in quick visual blocks.
3. Filters/Search – Helps users quickly find specific transactions.
4. Transaction List – Displays all income and expense entries in cards or table format.
5. Add Transaction Form – Allows users to create new financial records using a form.
6. Edit/Delete Actions – Users can update or remove existing transactions.
7. Dashboard Layout – Main screen combining analytics, cards and data list.

Basic Wireframe Layout

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---------------------------------------------------------
| Navbar (Logo | Dashboard | Add Transaction | Profile)  |
---------------------------------------------------------
| Summary Cards: Balance | Income | Expense              |
---------------------------------------------------------
| Filters/Search Bar                                     |
---------------------------------------------------------
| Transactions List/Table                                |
|  - Title     - Amount     - Category     - Date        |
|  - Edit / Delete buttons                               |
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| Floating Add Button / Modal Form                       |
---------------------------------------------------------
```

Project Evaluation Criteria (What You Will Be Marked On)

1. UI Design – Clean layout, spacing, color usage and responsiveness.
2. React Structure – Proper component separation and folder structure.
3. Hooks Usage – Correct use of useState, useEffect and routing.
4. Firebase Integration – Data stored and retrieved correctly.
5. User Experience – Easy navigation and smooth interaction.
6. Code Quality – Readable and reusable components.

Marks Distribution Table

Category	Description	Marks
Design & UI	Layout, colors, responsiveness	20
Features & Functionality	Add/Edit/Delete, dashboard logic	25
React Code Structure	Components, hooks, clean code	15
Firebase Usage	Auth + Firestore integration	15
User Experience	Navigation, usability	10
Creativity / Uniqueness	Custom styling & ideas	10
Deployment	Working live project	5
Total		100

How to Make Your Project Look Different

1. Add Dark/Light mode toggle to create a modern fintech feel.
2. Use charts (Pie/Bar) to visualize spending patterns.
3. Create custom card designs instead of basic tables.
4. Add small hover animations and transitions.
5. Design a unique color theme instead of default blue UI.