

Setup info----

- 1>clone the git repository in your local system
- 2> run - npm install (to install required modules)
- 3> to run the project execute npm run dev command

Technologies Used

- Next.js (App Router with JSX)
- React
- Tailwind CSS
- JavaScript (ES6+)
- Context API
- localStorage
- Custom Hooks

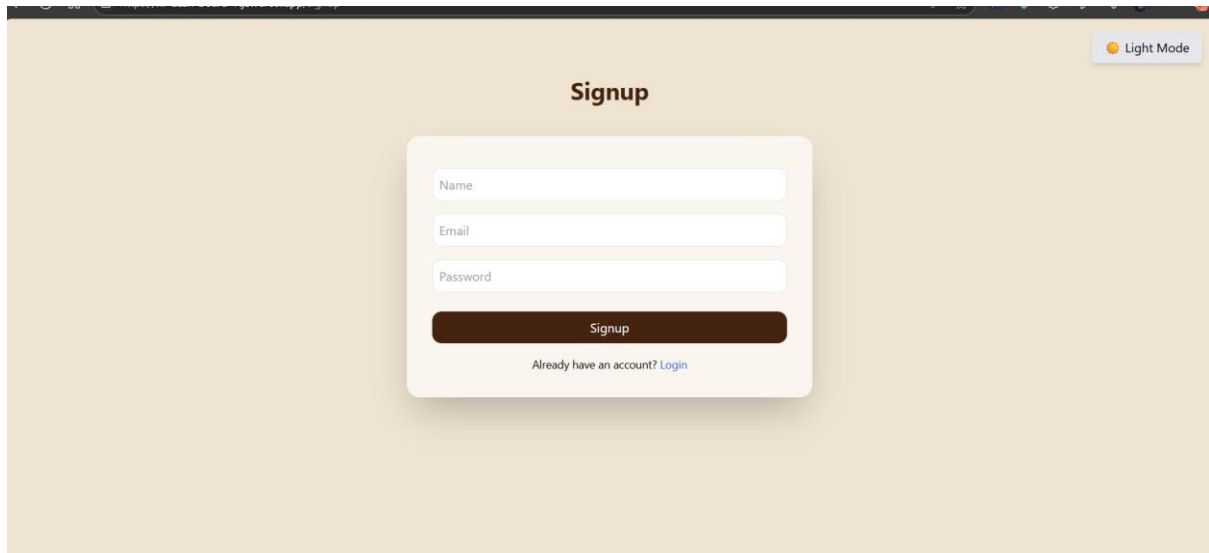
Features implemented->

Features

- **Authentication (Signup/Login):**
Handled via Context API and stored in localStorage. Prevents duplicate signups and handles login validation.
- **User Context (Global State Management):**
Centralized user data fetched from users.json using Context API, accessible across all components.
- **Custom Hook – useDelayedLoading:**
Created to simulate or handle delayed loading behavior (for UX polish or async fetch fallback).
- **Theme Toggle (Dark/Light):**
Uses localStorage to persist user theme preference. Includes preload script to avoid flicker during routing.
- **User Listing with Filtering & Search:**
Dynamically filters users by department and searches by name.
- **Bookmark Manager:**
Bookmark favorite employees and persist them via localStorage.

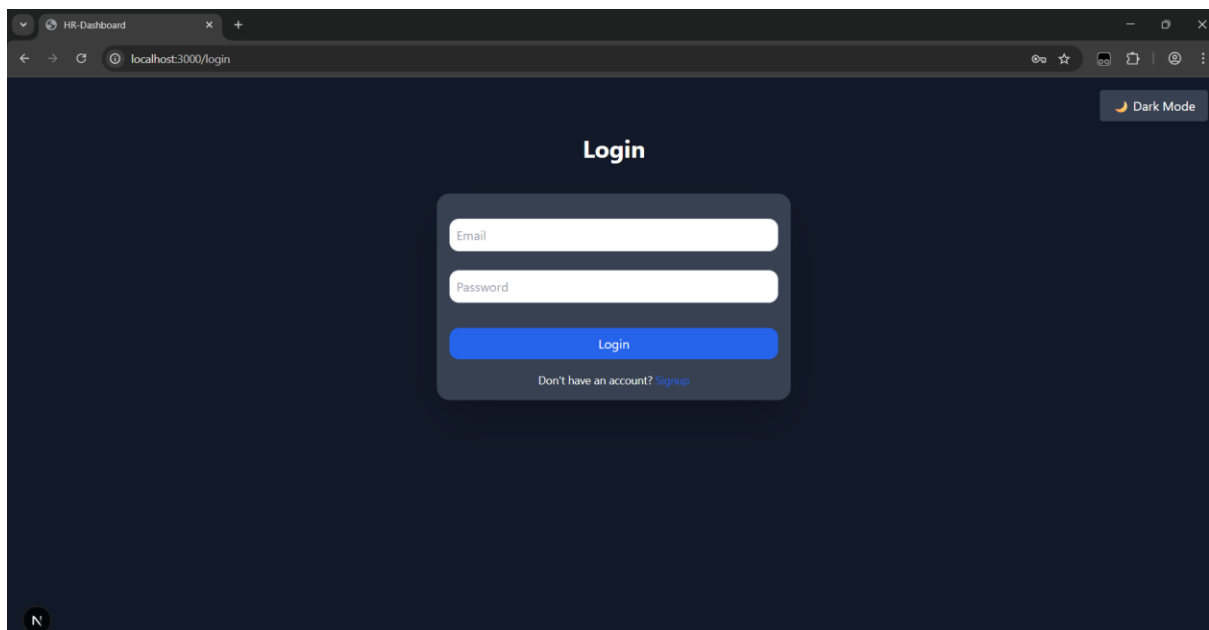
- **Dynamic User Detail Pages:**
Each user has a detailed view routed via `user/[id]`.

The Signup feature allows new users to create an account and register on the platform. The data is getting stored in Localstorage.

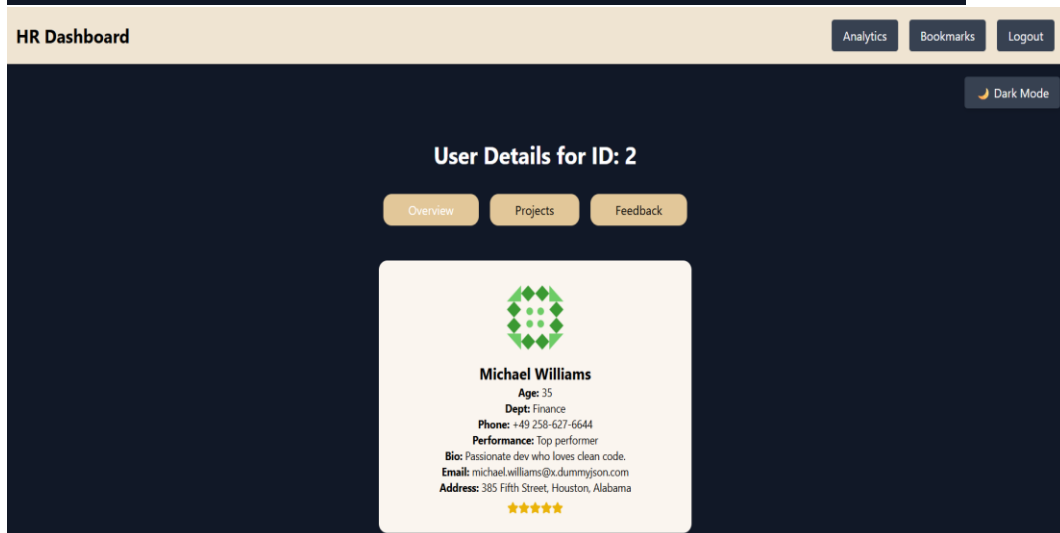
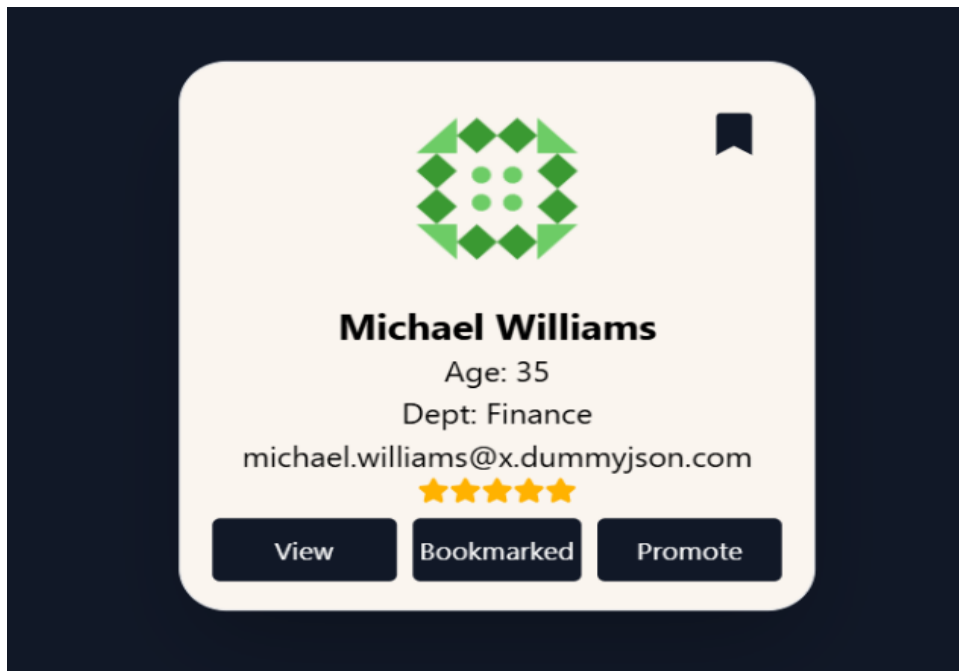


The screenshot shows a web browser window with a light beige background. In the top right corner, there is a toggle switch labeled "Light Mode". The main heading "Signup" is centered at the top. Below it is a white rounded rectangle containing three input fields: "Name", "Email", and "Password". A dark brown "Signup" button is positioned below the input fields. At the bottom of the form, there is a link that says "Already have an account? [Login](#)".

Login page

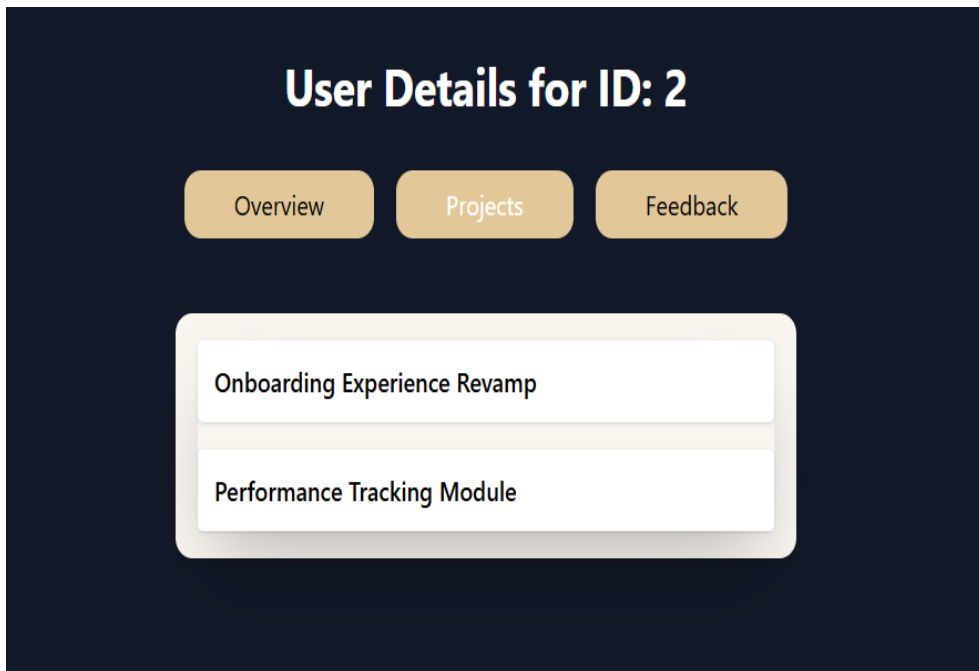


The screenshot shows a web browser window with a dark blue background. In the top right corner, there is a toggle switch labeled "Dark Mode". The main heading "Login" is centered at the top. Below it is a dark blue rounded rectangle containing two input fields: "Email" and "Password". A blue "Login" button is positioned below the input fields. At the bottom of the form, there is a link that says "Don't have an account? [Signup](#)".

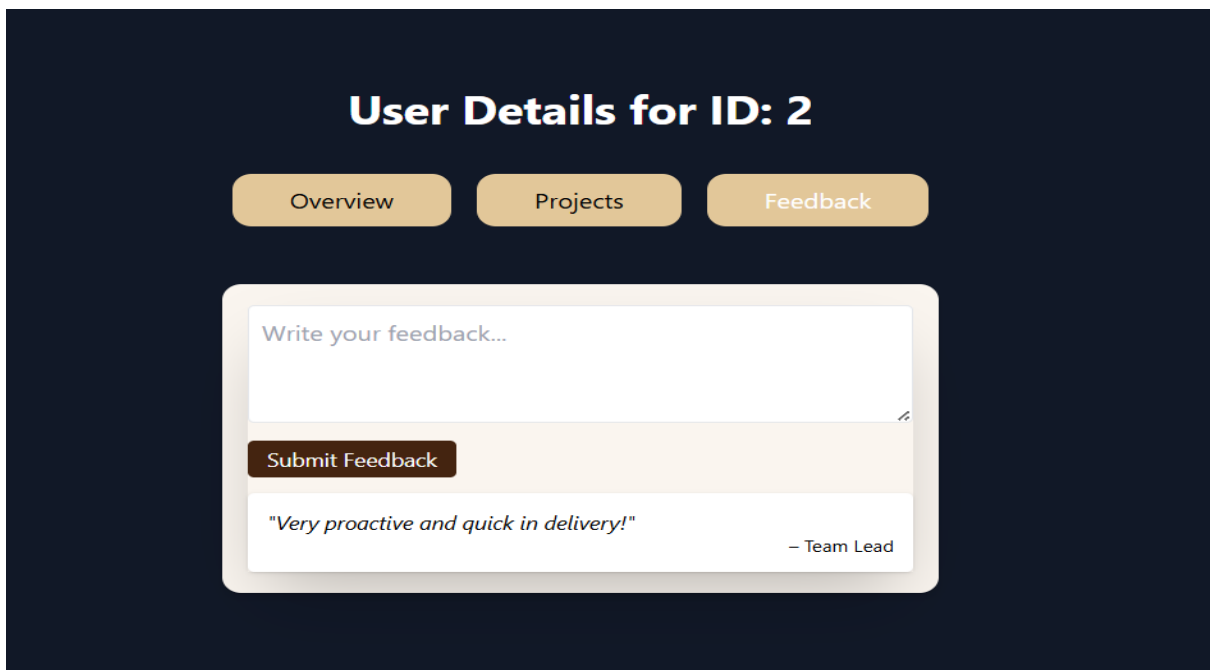


Each user card provides three actionable options:

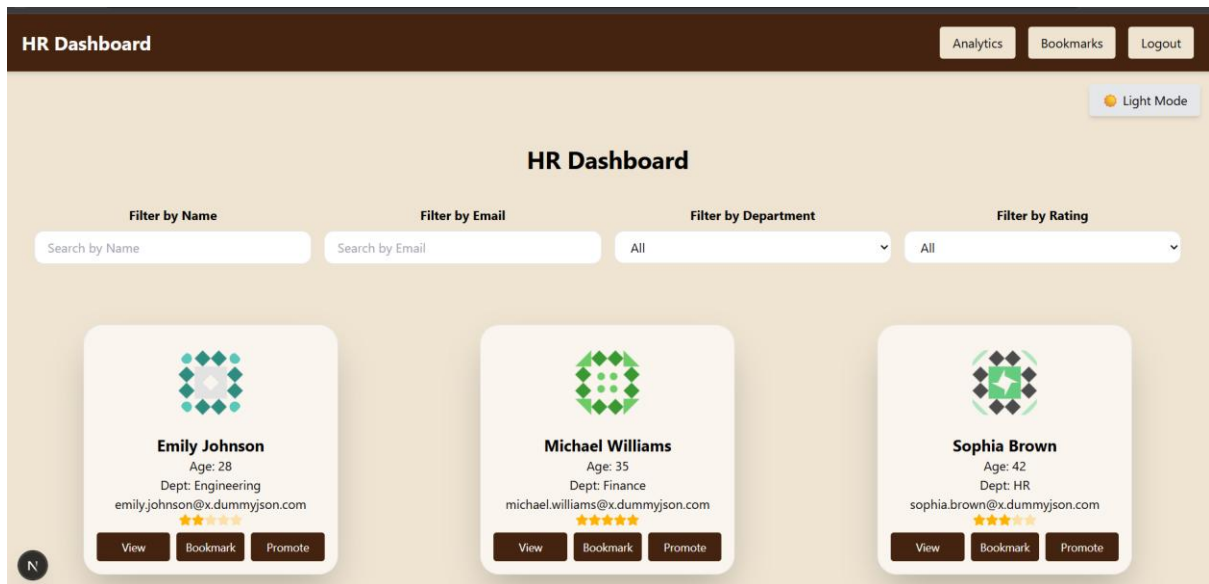
- **View** – Clicking this displays the complete details of the selected user in a dedicated user detail page.
- **Bookmark** – Allows users to bookmark a profile. A visual icon appears on the card to indicate it has been bookmarked.
- **Promote** – Enables the user to promote the selected employee, triggering relevant backend or UI changes.



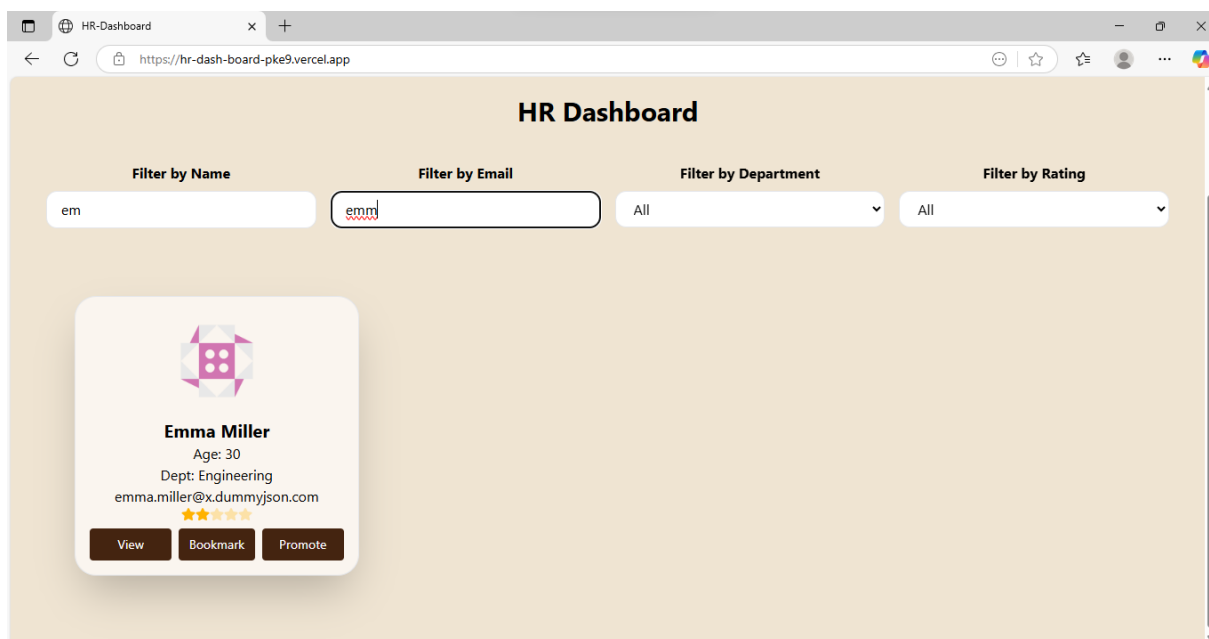
Clicking on Projects button will display the projects assigned to that user. Its a random chosen project selected from a list



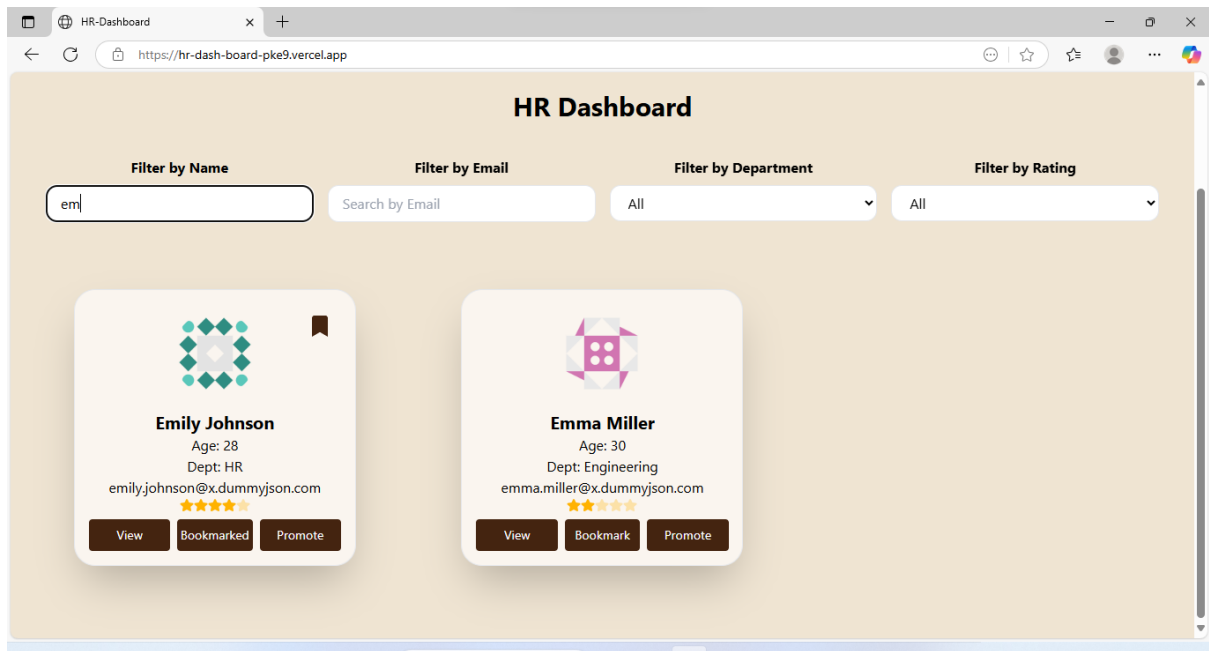
Feedback option will allow u to give feedback to that specific user, after submitting the feedback , it will get mapped down in seuquence.



"This is the home page displaying all user details in a grid layout, with three cards per row. It also includes four filter options to refine the displayed user data based on specific attributes."



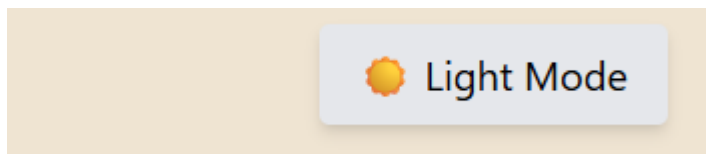
Filter by Email



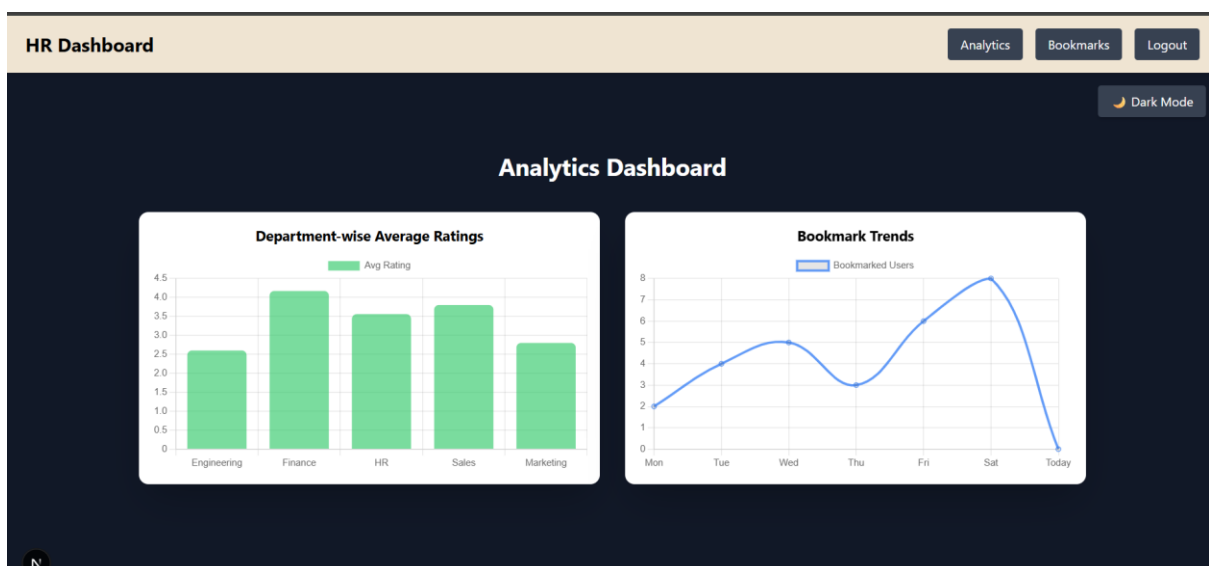
Filter by Name



"A navigation bar is provided to help users seamlessly navigate between different pages based on their current location within the application."



"Each page includes a theme toggle button that allows users to switch between light and dark modes for the website."



Analytics Dashboard

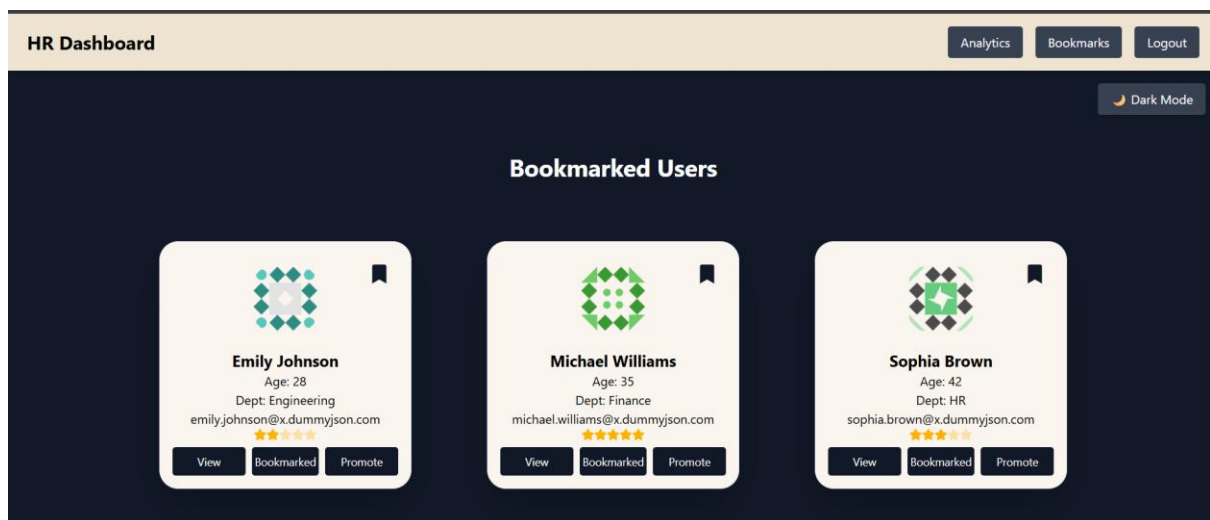
The dashboard is divided into two cards side by side, each showing different analytics:

1. Department-wise Average Ratings (Bar Chart)

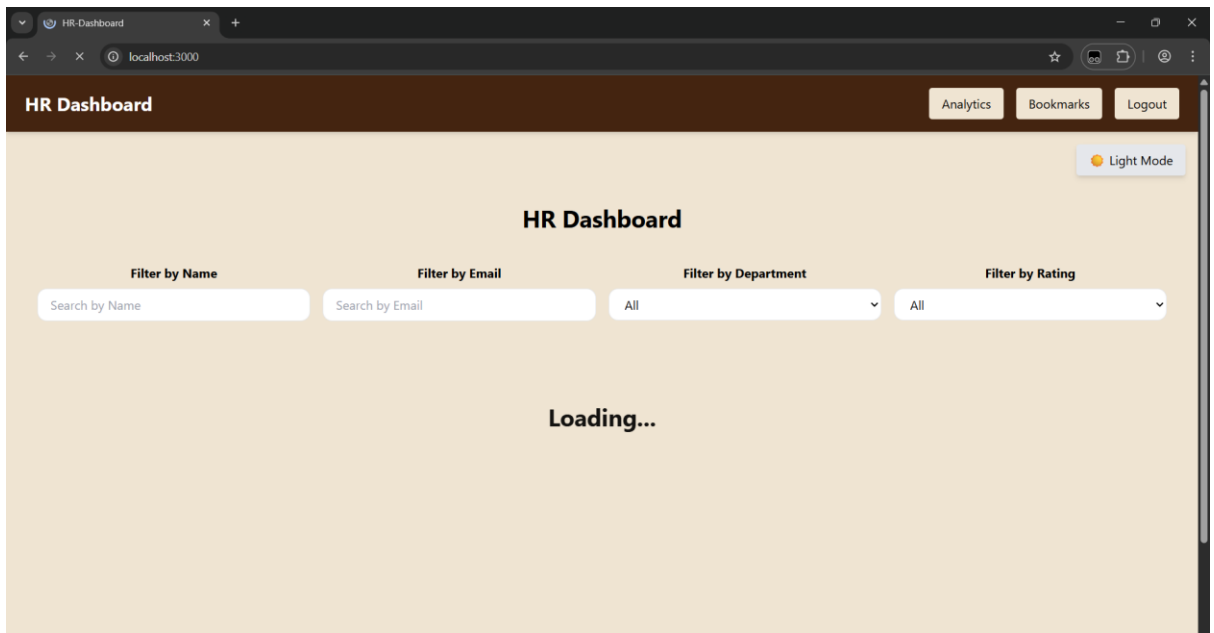
- Displays average ratings of employees across different departments.
- Departments shown: Engineering, Finance, HR, Sales, and Marketing.
- Example Insight: Finance has the highest average rating, while Engineering and Marketing are comparatively lower.

2. Bookmark Trends (Line Chart)

- Shows the number of users bookmarked over a week.
- X-axis: Days of the week.
- Y-axis: Number of bookmarked users.



The Bookmark page displays all the users that have been bookmarked. Users can remove a user from the bookmark list by clicking on the Bookmark button again, which toggles the bookmark state.



A custom hook was created to manage and display the loading state of the page. This hook is used across different pages to show a loading indicator while data is being fetched or while navigation is in progress, enhancing the user experience with visual feedback during asynchronous operations.