

User's Dashboard

Imagine you are building a welcome screen / user dashboard for Google / Microsoft, that is incorporating information from all their different daily workflow products (Email, Reminders, Calendar etc), to give a single, unified view of the immediate priorities that need to be acted upon.

- Task consists of one primary screen and approximately 4 secondary screens
- Use React + Material UI as the frontend framework (not hard and fast rule, if you prefer a different react-based framework instead of material-ui, feel free to use it)
- Maintain states in redux (or any other state management solution) so that any edits are consistent
- Backend is not necessary, but if you can whip something quickly, that is also alright
- Do make sure that the design is responsive across screen sizes
- Color scheme is up to you, but is also considered in evaluation. Keep it light and professional
- You can take inspiration from public sources like Dribbble etc, but do mention the inspirations in Readme
- Keep the code clean and readable. Add tests wherever necessary / possible.

Screen 1: Summary User's dashboard

- This screen would contain the following information:
 - Your pending, unread emails from this week
 - Reminders due today
 - Agenda of meetings in the day
 - Pending task list / todo
 - Optionally, include a welcome message with weather information (can be hard coded / generated randomly for the purposes of assignment)
- How to lay out the information is left to your discretion. However, do keep user-experience principles in mind. A screen that tells a user everything they need to know without overwhelming them is the goal. Some useful references:
 - <https://lawsofux.com>
 - <https://www.justinmind.com/ux-design/principles>
- For each of the sub resources (emails, reminders, agenda, todo), only show a limited number of items, with a "Read more" button that leads them to their own page

Screen 2: Emails

- The dedicated screen for emails should closely match Gmail's email interface, but you could use [Accordions](#) to show the email's content itself, without having to add another layer of navigation

Screen 3: Reminders

- A simple list of reminders. Start with a list of reminders due today, and as the user scrolls down, she would see the list of reminders ordered chronologically, with dividers having the date mentioned (tomorrow, 17th June etc)

Screen 4: Agenda of meetings

- This can be similar to the "Agenda view" of Google calendar

Screen 5: Pending Task list / todo

- You can use [Any.do](#) or any such task list app for inspiration for this screen

Assuming you have picked material ui (and are already know react), here is a suggestion for components you could use to help with your implementation (These are merely suggestions. You could choose to ignore them and use your own)

- Detecting device / screen to determine whether you are on desktop / mobile
<https://material-ui.com/customization/breakpoints/#breakpoints>
- Organizing layout: <https://material-ui.com/components/grid/#grid> . TIP: You can have grids within grids to do things like stretch the div
- Avatars: <https://material-ui.com/components/avatars/#avatar>
- Tabs: <https://material-ui.com/components/tabs/#tabs>
- Cards: <https://material-ui.com/components/cards/#card>
- For the tag-like elements: Chip: <https://material-ui.com/components/chips/#chip>
- For better text rendering and styling:
<https://material-ui.com/components/typography/#typography>