

Design:

<https://www.figma.com/file/OrULleUfeA207X0woruVrb/Dataplant-Test?type=design&mode=dev>

Instructions:

Refer to the design and implement a Next JS or React App using TypeScript. Please make sure to deploy it so that the live version can be reviewed.

Users can perform CRUD operations on a email schedules and will have the following features:

- Email schedules will have title, description, subject, frequency, repeat (based on frequency), time. (Refer to the form views in design).
- There should be a list view showing the list of schedules with search at top left, option to add at top right, edit and delete the item as given in design.
- The schedule form should open on a popover
- The form should have text inputs for title, description, subject, and dropdowns to select time and frequency.
- Frequency dropdown will have options: Weekly, Monthly and Daily
- The repeat field in form will be dependent upon the frequency. (Refer to design)
- If frequency is Weekly, repeat will render selector for weekdays i.e. - M, T, W, etc
- If frequency is Monthly, repeat will render a dropdown with two options - first monday, last friday
- If frequency is Daily, there will be no repeat
- Cancel Button on popover should close the popover of the form whereas Done/Update should perform create or update operation for the schedules.
- It is recommended to create a backend server or implement the backend using Next JS only for Email Schedules.
- There should be single endpoint exposed: '/schedules'
- GET /schedules should return list of all schedules'
- GET /schedules?search=sampletitle should return filtered list based on title
- GET /schedules/:id should return specific schedule
- PATCH /schedules/:id should update specific schedule
- DELETE /schedules/:id should delete specific schedule
- POST /schedules should create new schedule

NOTE: If implementing the backend is not feasible, please try using the JSON server package or just create a client-side app only with a well-designed state

Sending Instructions:

Please include your live link, GitHub link and phone number while replying to the email It is recommended to have proper commit messages and merges from Pull Requests from different branches based on features