Shopping List App (Full stack)

Instructions:

- Read each and every line of question carefully, missing any functionality which was asked will reduce your overall marks.

- Use react-router for routing.

- Use Mongo atlas database.

- You are free to use any css solutions as long as it looks good. Remember this also has score.

Problem Statement:

- Build a Shopping list app, where you can store all your shopping details.

- App should take following information from the user

  - Title of Item.

  - Quantity.

  - Priority.

  - Date and timestamp

  - Description.

- Store the following information in database

  - Title.

  - Quantity.

  - Priority.

  - Date and timestamp

  - Description.

`Note: Manage date and timestamp from backend`

Frontend:

- Display this note in form of cards (4 cards per row)
- Each card should have following information

  - Title

  - Quantity

  - Priority

  - Time stamp (IST) (24 hour format)

  - Bookmark Icon (to bookmark note)

  - Delete icon (to delete note)

- User should be able to bookmark and delete any note.
- Home page should have a route so that user can move to `/bookmarks` page to see all bookmarked notes.
- Home page should also have sort and search functionality

  - Sort by latest note (Cards should be displayed on the descending order of their TimeStamp.)

  - Filter by Priority.

- Design of your app will also have weightage, use your creativity to make good UI.
- Use loading indicators while fetching data.

Backend:

- Create relevant api end points for the tasks.
- Give proper names for api end points.
- It should be a single user app, user should able to view, bookmark or delete.
- Take care of all good practices - naming conventions, MVC structure etc.

Submission

- Please submit deployed link and Github link of code.
- Deploy backend on Heroku.

- Please double check if deployed version works or not (run deployed version on your laptop and then submit it).

- Any issues in deployed link, will be considered null and void.

- Please verify your submissions are correct.

- Make sure you follow all instructions carefully.

- Submit before deadline.

Rubrics / Criteria to be judged upon

- HTML, CSS, React

- React router

- Backend

- Code cleanliness

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Rubrics: 1. Have attempted/created react app/wrote server file etc
Backend 2. created routes for CRUD operation of shopping list. 3. Logic
for creating a list is right, and is successfully storing list (title and
description) in database 4. Adding date and timestamp too from backend
while storing in database. Basically Note having Title, Description, Date
and the Time stamp. 5-6. Logic for deleting a node, bookmarking, viewing
notes is right and working. Frontend 7. Able to get the data from the
backend and show in cards on the frontend. Going to /bookmarks route
should give all the bookmarked notes. 8. User is able to bookmark and
delete note 9. Sort and filter functionality working on the Homepage. 10.
Deployed the app, clean code, clean UI, MVC Structure in Backend etc.
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