

FRONTEND TRIAL TASK (REACT)

Create a small React web application where a user can:

- Add a Todo (with image upload)
- View Todo list
- Edit a Todo (including updating image)
- Delete a Todo
- Mark a Todo as pending/completed

REQUIREMENTS

1) Todo Fields

Field	Type
id	number
title	string
description	string (nullable)
image	string (URL/path)
status	pending / completed

2) Pages / Screens Required

1. **Todo List Page** (/todos)
 - Show all todos in a list/table/cards
 - Each item shows: title, status badge, image thumbnail, actions (Edit/Delete), created/updated not required
 - Include “Create Todo” button linking to /todos/create
2. **Create Todo Page** (/todos/create)
 - Form inputs: title (required), description (optional), status (dropdown), image (file input)
 - Submit should create a todo and redirect to /todos
3. **Edit Todo Page** (/todos/:id/edit)

- Prefill existing values
- Allow updating title/description/status
- Allow uploading a **new** image (replace existing)

3) Routes Required (React Router)

Use **React Router** with these routes:

- GET UI /todos → Todo list page
- GET UI /todos/create → Create form page
- GET UI /todos/:id/edit → Edit form page

DATA HANDLING

The intern must implement:

No Backend (Mock Storage)

If no backend, implement using:

- localStorage or a simple in-memory store
- Image can be stored as a base64 data URL or object URL (acceptable for trial)

UI/UX REQUIREMENTS

- Use any styling approach: Bootstrap / Tailwind / CSS Modules (intern's choice)
- Show basic loading state (e.g., “Loading...” on list fetch)
- Show basic error handling (e.g., API error message)
- Confirm before delete (window.confirm is acceptable)

TECHNICAL REQUIREMENTS

- React + React Router required
- Use functional components and hooks
- Organize code cleanly (example structure):

- src/pages/
- src/components/
- src/services/api.js (or axios instance)
- Use axios or fetch (either is fine)
- No authentication, no role management

DELIVERABLES

Intern must submit:

1. GitHub repository link or deployed link of their project using vercel
2. README that includes:
 - setup steps (npm install, npm run dev)
 - brief explanation of approach
3. Screenshots of:
 - Todo list
 - Create page
 - Edit page