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DATE: 22-09-2025

COMPLETED THE PROJECT NAME-:
PHASE 3

TECHNOLOGY PROJECT NAME
To-Do List Application

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1.Project Setup

React app created using create-react-app.

Folder structure organized (public/, src/).

Main files:

index.html → Root element.

index.js → Entry point for rendering the app.

App.js → Main component to handle core features.

2.Core Features Implementation

Developed essential functionalities needed for the MVP.

Example: Simple form to collect input and display it as a list.

Implemented with React hooks (use State, use Effect).

Ensures that users can add and view data interactively.

3.Data Storage (Local State / Database)

Used local state to handle dynamic data within the app.

Implemented localStorage for persistent data (so that data is not lost on page reload).

Future scalability: Can connect to real databases (Firebase, MongoDB, SQL).

4.Testing Core Features

Features tested in browser:
Input forms working correctly.
Data added to list successfully.
Data persists after reload.
Debugged using console log and React Dev Tools.

5.Version Control (GitHub)

Source code tracked with Git.

Steps followed:

Initialize repository → git init

Add and commit files → git add . , git commit -m "Initial MVP"

Push to GitHub → git push origin main

Ensures backup, collaboration, and version tracking.