Assignment: To-Do Management Application

Objective

Develop a simple To-Do Management Application to demonstrate knowledge of frontend, backend, database, and documentation.

Technology, language, and framework choices are not restricted.

Requirements

The application must support the following features:

- Create a to-do
- View all to-dos
- Update a to-do
- Delete a to-do
- Mark a to-do as completed

Each to-do should include:

- Title
- Description (optional)
- Status (Pending / Completed)
- Created date

Architecture

- The solution must include:
- Backend
- Frontend
- Database

Backend

- Expose REST APIs for all to-do operations
- Use proper HTTP methods (GET, POST, PUT/PATCH, DELETE)
- Validation and error handling
- User Authentication

Frontend

- UI to manage to-dos
- Ability to add, edit, delete, and complete tasks
- Responsive design

Database

- Use any database
- Proper data structure for to-dos

README (Mandatory)

A README.md file must be included with:

- Project overview
- Technologies used
- Setup instructions
- How to run the backend
- How to run the frontend

Submission

- Submit the project as a Git repository
- Code should be clean and readable

Deadline

2nd January 2026