Development Phase Details for Employee Task Tracking System

# 1. Design Phase

## a. UI/UX Planning

- Login, Dashboard, Task List, etc.  
- The layout was made responsive for mobile and desktop views.

## b. Database Design

- Tables:  
 - users (id, name, email, password, role)  
 - tasks (id, title, description, assigned\_to, status, deadline)  
- Relationship: One user can have many tasks; tasks are linked by assigned\_to.

# 2. Frontend Development

## Pages Developed

- index.html: Home page with welcome content  
- about.html: Information about the system  
- contact.html: Basic contact info  
- Responsive header and footer for all pages

# 3. Backend Development

## Functional Pages

- login.php: Authenticates user credentials  
- dashboard.php: Displays user details and navigation  
- tasks.php: Fetches and lists all tasks for logged-in user  
- logout.php: Ends session and redirects to login

## Features Implemented

- User sessions and role-based redirection  
- Error handling on login  
- Fetching tasks dynamically using mysqli  
- Simple admin/user structure (expandable later)

# 5. Deployment Phase

## Local Setup

- Used XAMPP to run the server locally  
- MySQL accessed using phpMyAdmin  
- Full system tested offline

## Final Steps

- Code folder organized  
- Sample SQL dump included  
- ReadMe file added with setup instructions

# 6. Future Enhancements

- Add task creation and status update by employees  
- Admin dashboard with report charts  
- Email notifications and task reminders  
- File attachments in tasks  
- Password encryption and profile management

## 7 Pages & Structure

Static Pages:

Home Page

About Us

Contact Us

Dynamic Pages:

Login Page (PHP + MySQL)

Admin Dashboard

Employee Dashboard