

## **Project Brief: Web-Based Payroll Application**

### **Overview:**

Create a web-based payroll application. This application will serve as a platform for both administrators and general users to manage timesheet submissions and view historical data. The application should adhere to best practices, be containerised for portability, and demonstrate proficiency in PHP development. Please implement the below key features but we also encourage you to think outside the box and add new features and enhance the below components to showcase your PHP and thinking/problem-solving skills.

### **Key Features:**

#### **1. User Authentication:**

- Users should be able to register, login, and logout securely.
- Authentication should be role-based, distinguishing between administrators

and general users.

#### **2. Timesheet Submission:**

- General users should be able to submit timesheets, including details such as date, hours worked, and project/task information.
- Users should have the ability to edit or delete their own submissions.

#### **3. Historical Data:**

- Users should be able to view their past timesheet submissions and associated details.
- Administrators should have access to view all timesheet submissions across the platform.

#### **4. Admin Dashboard:**

- Administrators should have a dedicated dashboard to view and manage all timesheet submissions.
- The admin dashboard should provide filtering and search functionalities to easily find specific submissions.

#### **5. Containerisation:**

- The application should be containerised using Docker to ensure portability and easy deployment across different environments.
- Docker-compose should be used to manage multiple containers and their

dependencies effectively.