

This project aims to implement modules associated with an enterprise resource planning (ERP) solution specially designed to meet the needs of Digital Services Companies (ESNs), consulting and engineering firms. This document will provide a detailed overview of the project, including its rationale, objectives, stakeholders involved, and key features to be implemented

Description :

This project aims to develop modules for an integrated ERP platform tailored to meet the specific needs of Digital Service Companies (DSCs), consulting firms, and engineering companies. The solution will provide seamless management of recruitment, human resources, business operations, Customer Relationship Management (CRM), project management, and consultant activities, covering time tracking, expenses, and leave management.

Key Actors :

- **HR and Recruitment Managers:** Manage recruitment processes, employee profiles, performance evaluations, and leaves.
- **Sales Teams and CRM Managers:** Handle prospect and client management, commercial opportunities, contracts, quotes, and invoicing.
- **Project Managers:** Supervise projects from planning to completion using integrated project management tools.
- **Consultants:** Utilize the system to record time, manage expenses, and report absences.

Key Features to Implement:

1. User and Profile Management:

→ Centralized management of user accounts and profiles.

2. Recruitment and HR Activity:

→ Application Management:

- Employee profiles with job history, skills, and training
- Leave and absence tracking
- Individual performance tracking.

3. Commercial Management & CRM:

→ Prospects and clients tracking.

→ Commercial opportunities management.

→ Contract management with clients.

→ Quote creation, invoice tracking, and payment monitoring.

4. Consultant Activity (Time, Expenses & Absences):

→ Time recording per project.

→ Expense entry and tracking.

→ Absence tracking with integration into project calendars.

5. Instant Messaging:

→ Implementing an instant messaging system for improved communication within the ERP platform.

Important Notes:

- ✓ Creativity in Development: Teams are encouraged to go beyond the detailed functionalities in the requirements. Each team should be creative and original in its development approach to create a rich and functional application.
- ✓ Task Allocation: Each team should logically and fairly distribute tasks among different members for module development.

- ✓ Ergonomics and Security: Emphasize the importance of ergonomic design and security. Implement Spring Security and utilize advanced front-end components.
- ✓ Advanced Features: All modules can include advanced features, statistics facilitating decision-making, etc.

Good luck! 😊