Employee Management System

by

Pseudo Mavericks

**Members of the team:**

* Amarendhar Reddy Chevula
* Vaishnavi Choppalli
* Narisamharao Gurram
* Neha Chowdary Puvvada
* Aparna Mirapakayala
* Kalyani Virivinti
* T KavyaKeerthi
* Subbarao Sanka

**Project Description:**

Employees are a company's most precious asset. With organized business practices and solutions, such as employment management software, which streamlines and automates a company's HR tasks, companies can attract and retain the best talent. Companies can use these systems to better effectively recruit and train personnel, as well as maintain a variety of data, including personal information, pay, and more. Some functionalities are included in this system, which are:

* Payroll Management- A pay check is created and mailed to the employee based on the employee's billing hours and applied leaves.
* Time Sheet- Depending on the project, employees can log their billing hours.
* Leave Management- Employees can use this tool to request time off, and their supervisor or manager can approve or deny their request.
* Project Management- When an employee searches for a project by name, a hierarchy is produced. Depending on it, the employee can contact the project manager.

**Languages and platforms used:**

* Java,
* Spring boot,
* HTML,
* MySQL,
* CSS,
* Typescript,
* Angular 8

A screenshot of a computer

Description automatically generated

**Risk Management:**

Risks:

* Overuse of Technologies: This product involves separate frameworks for frontend and backend along with database management. The connections between these independent services might be at risk of getting stopped or interrupted. This will be tackled by effective communication among resources working on separate frameworks.
* Design Spill Over: It's always possible that users will dislike the design that's been presented to them, and in that case, the entire design will need to be redesigned. To mitigate this risk, we have chosen the incremental model as our SDLC (Software Development Life Cycle).
* Deadlines: When there are too many variables to consider during the development phase of a project, it's difficult to keep track of everyone's progress and meet deadlines manually. To mitigate this risk, we've decided to use a Kanban board and Trello to track individual members' progress and list out the tasks that need to be completed next.

**Roles of Team member’s**

* Amarendhar Reddy Chevula - UI and Front-End development
* Vaishnavi Choppalli- UI/UX and testing
* Narisamharao Gurram - Back-End Development
* Neha Chowdary Puvvada- UI and Front-End development
* Aparna Mirapakayala - Back-End Development and Database
* Kalyani Virivinti - Back-End Development
* T KavyaKeerthi - Database
* Subbarao Sanka - Database and Testing

**Member contribution table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member Name** | **Contribution description** | **Overall contribution** | **Note**  **(If applicable)** |
| Aparna Mirapakayala | Gantt charts | 12.5% | Involved in every module |
| Amarendhar Reddy Chevula | Risk management | 12.5% | Involved in every module |
| KavyaKeerthi | Gantt chart | 12.5% | Involved in every module |
| Narisamharao Gurram | Gantt chart | 12.5% | Involved in every module |
| Subbarao Sanka | Project description,  Presentation | 12.5% | Involved in every module |
| Kalyani Virivinti | Gantt chart | 12.5% | Involved in every module |
| Vaishnavi Choppalli | Risk management | 12.5% | Involved in every module |
| Neha Chowdary Puvvada- | Project description,  Presentation | 12.5% | Involved in every module |