

Introduction:

It is the era of industrialization and they need a huge amount of employee. But handling employees manually is so much time consuming and inefficient. As it is done manually by human being, there can be several errors. The employees have to go to the manager or the HR department for any information. They can't edit any information without going to them. The system is also very much insecure. So to make things easy, efficient and secured, there is no alternative of "Employee Management System". That's the reason why we have decided to make an Employee Management System.

Motivation:

It is impossible that there won't be any industries in any country. In our country, we have many industries and it's increasing day by day. Most of them don't use any Employee Management System. Now they are understanding the necessity of a Employee Management System. So there is a huge market for Employee Management System. This thing motivated us for this project.

Scope:

User Friendly UI: There will be a web based user interface which will be user friendly and will satisfy both user and client's needs.

Biometric attendance: The employees will have to enter using their fingerprint. So the incoming and outgoing of an employee can easily be tracked.

Online payment & loan: The employees can get their salary online using this web based application. Even they can apply for loan from the office using the system.

Objectives:

Time and Cost Effective: The authorized persons can easily alter or update the database and keep that safe. The cost of stationaries are no longer needed. So both the time and money is saved.

Database Creation: A database of the registered users will be created nad this will help them to fetch all the information.

Flexibility: Database provides flexibility to administrator to insert, update or delete any record within a click.

Informative: The software has all the necessary details about the employees such as their name, address, ID, email etc.

Security: This is the most sensitive and important thing. Proper authorization and authentication have been made for the security of the software. Without proper login no one will be able to enter the system.

Project Scheduling

Activity	Description	Time(in days)
Analysis		
1	Jib Specification	5
2	Research on Market	10
3	Requirement Gathering	5
4	Projct Initiation	5
Planning		
5	System Design	5
6	Database Desin	3
7	Mock-up Database Implement	2
Construction		
8	UI Design	3
9	Admin Panel Design	7
10	Coding	3
Deployment		
11	QA Test	2
12	Penetration Test	5
13	Feedback & Release	3

Risk Analysis:

- Backup of all files will be saved in cloud storage.
- The inputs will be filtered properly so that none can inject anything malicious.
- System will be checked regularly by a security expert.

Conclusion:

The project is about digitalizing the employee management system and enabling administrators to be benefited from the system. The document will give an overall overview about the project.