

FACULTY DATA MANAGEMENT SYSTEM

DESCRIPTION:

This Faculty data management system is used to maintain the data of different teachers working in different departments. This allows the user to create a teacher account by passing the values so that the next time they log in they can retrieve their records. It can be useful in maintaining the attendance percentage and the particular staff department and subject of specialization.

DESIGN PLAN STAGES:

The Design plan consists of the following steps towards the implementation.

- Project Planning
- Software Requirement Analysis
- Implementation and Coding
- Software Testing
- Software Debugging
- Report Generation and Conclusion

SOFTWARE REQUIREMENTS:

The Software Requirements for implementing this project are as follows:

- **Database:** MySQL
- **GUI development:** Eclipse IDE
- **Database Connector:** MySQL connector Jar file

SOFTWARE REQUIREMENTS:

There is a multitude of real-world applications for this project. Some of them are listed are as follows:

- Managing faculty profiles in Educational Institutions in an organized manner
- Simple navigational interface for accessing staff data.
- Storing staff data across various features namely: Department, Subject, Handling Class
- Extended along with the attendance system to track leaves, permissions, etc.
- Tracking staff profiles and easily updating recent achievements or task completions.