**Employee management system**

**Objective:**

This software application stores all the employee's information in a database. It is an application developed in Java GUI technology and database used is SQLite. It contains employee information like employee id, first name, surname, and age. It is an easy to use application and has a user-friendly interface. It is totally built at the administrative end which means that only the admin has access rights to change or modify any records. So this makes it safe and reliable application to use. The main aim of developing this application was to reduce the errors that occur in the manual system. One can search the details easily by just entering employee id. In earlier systems, there was not such a facility to do so. All the details are stored in an SQLite database. It is easy to update any employee details. All the employee records are integrated and so this makes it user-friendly and easy to use application.

**Existing system:**

Earlier systems were manual where there was no way of properly storing information. Employee records were stored manually which lead to errors. There was no proper way of tracking employee records. It was very difficult and required a lot of paperwork which makes the application time-consuming and not secured. There was no administrator which could handle the records. So there was the need to develop a system which could manage all these things and reduce the paperwork.

**Proposed system:**

Employee information system is easy to use application which is created to manage the employee data. It is created to record the details of the employees. This reduces the dependency on the manual system which could create errors. This system can easily help in tracking employee records. There is a search feature which allows getting records of a specific employee. There is an administrator which can add, edit, delete and save records in a database. There are two views for this application first is the administrator and the second is employee view. The employee view enables employees to view their details.

**Modules:**

* Register module: This module is used for the new employee where he or she can register themselves and get their login details.
* Login module: This module is created for login details of admin and the employee. There are different login details provided and both can login using their respective user id and password.
* Manage employee module: This module enables admin to add and edit employee records. It is also for viewing the each and every employee details by the admin.
* Delete module: This module is created to delete any employee details.
* Search module: This module is an added feature in this system which enables to search employee records easily using employee id.

**Software Requirements**

JVM

**Hardware Requirements**

Hard Disk – 2 GB.

RAM required – 1 GB (minimum)

Processor – Dual Core or Above.

**Technology Used**

Java