

**SRIMATHI SUNDARAVALLI MEMORIAL SCHOOL**

**CHENNAI**

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**CLASS – ‘XII’**

**SEC – ‘D’**

**COMPUTER SCIENCE**

**SYNOPSIS**

**EMPLOYEE MANAGEMENT SYSTEM**



## **INTRODUCTION:**

Employee Management System is a program to automate or computerize all employee management operations. Generally, every company has different departments (for example, Accounts / Admin / Human Resource / Technical / Vendors etc). Employee Management System is open to admins, HRs, Managers, and regular employees. One can insert, update, and remove the details of the employees. This project is done using the standard GUI Library for python called Tkinter.

## **DESCRIPTION OF THE PROJECT:**

- **ADD DETAILS:** The user can insert his details in the form provided. Once added, the details will be stored in the database permanently and will be displayed in the tabular format.
- **DISPLAY DETAILS:** Once the details are inserted in the fields provided, the software immediately retrieves and displays the records in a tubular format.
- **GET DETAILS:** From the details displayed in the tabular format, one can select his/her record just by clicking it which displays the details in the form at their respective fields so that it can be used for further manipulations.
- **UPDATE DETAILS:** If the user wanted to modify his details, he/she can update the details easily just by selecting his record. Once selected, his details get filled in the form above in the respective fields. Then the desired field can be updated by feeding the new value. After modification, once the updated button is selected, the updated record will be displayed automatically in the table below.
- **DELETE DETAILS:** If an employee resigns his work or due to some other reason, if he/she must be removed from the

organisation, the admin can choose his profile and delete his details which drop the details of that employee permanently.

- **CLEAR DETAILS:** This tab can be used if the user wishes to clear the details from the field in the form provided. This clear option does not delete the details of the employee permanently but it just erases the details from the form.
- **OTHER FEATURES:** This program is loaded with other features like it contains different pop-ups such as if we did not fill all the fields given in the form, it returns a pop-up stating some error message and asks the user to complete all the fields. In the same way, several confirmation pop-ups were also made while deletion, modification, and insertion.

The sample page of the Employee Management System may look like this

The screenshot shows a web application titled "Employee Management System". The interface has a dark blue header with the title in yellow. Below the header, there is a form with the following fields: Name, Age, D.O.J, Email, Gender (a dropdown menu), Contact Number, and Address (a large text area). Below the form, there are four buttons: "Add Details" (green), "Update Details" (blue), "Delete Details" (red), and "Clear Details" (orange). At the bottom, there is a table with the following headers: Employee ID, Name, Age, D.O.J, Email, Gender, Contact, and Address. The table is currently empty.

Employee ID	Name	Age	D.O.J	Email	Gender	Contact	Address
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