**National University of Computer and Emerging Sciences**



Database Project Proposal

**<Project Name>**

Group Members:

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CL219 Database Systems Lab

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# **Introduction**

Every organization pays salaries to its employees. The work of salary management is important for organizations. This website is going to be a platform to make this process of salary management computerized and to make the process easy, quick, secure, and reliable. Automation of salary management systems can lead to be error-free, secure, reliable, and fast information system. Our SMS will provide complete salary information after adding allowances, and deductions and then providing the final salary-related reports.

**Functionalities**

The following section contains all the functionalities proposed for this project.

## Log in (For User)

The User will be able to log in with valid credentials.

## Employee’s Personal information

This section will insert employee information like name, address, contact, monthly salary, email, CNIC, Bank account, and related department in the database.

## Department Details

This will define the department names.

## Employee Profile Editing

This part will be able to change employee’s profiles as to whether to change their Personal information such as contact, address, and Bank account information.

This will also allow the addition of new employee information and inactive the previous one.

## Employee status

This will change the status of the employee whether active or not.

## Allowances and bonus

This section of the website will update the Allowance (medical, transportation) and bonus (occasional bonuses) amount every month for salary processing.

## Deductions

This will update deductions such as leaves and taxes, loans, and utility bills amount every month for salary processing.

## Overtime

This will update the overtime (if someone has done) amount of employees every month for salary processing.

## Salary Calculation

In this section, we calculate the gross (salary + allowances) and net salary (gross - deductions) of each employee for each month.

## Reports

Generate reports, including salary sheet, salary slip, and bank letter.