**BAHRIA UNIVERSITY, (Karachi Campus)**

*Department of Software Engineering*

PROPOSAL

**Course Title:** Database management System Lab **Course Code**:SEL 310

**Course Instructor:** Engr Laraib Siddique **Class**: BSE 4A/B

**Lab Instructor:** Engr. Ayesha Khan **Date: 24-5-2023**

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| ***PROJECT TITLE:***  ***CAFE MANAGEMENT SYSTEM*** |
| ***GROUP MEMBERS LIST:***  ***FAIQ BIN SABIR 02-131212-067 (TEAM LEAD)***  ***M INTAKHAB MALIK 02-131212-013*** |
| ***PROJECT SCOPE:***  The need for cafe management System is concerned with all information handling and keeping all the data in a Proper way that can be maintained without any error Data. This project provides a new way to maintain the sales, purchase entries which will be saved in the data base by that any time the admin can view all the details of the sale and purchase well as the total amount collected. It also keeps the track of customer’s record with its unique id in such a way that the data of the admin, customer and user are loaded into the database. The unique id also is used to display the loaded data. The expected system should at least have two types of users with roles different from each other. The administrator has no limitation on handling data’s while other officers have their own limitation a handling data the admin can have all right to the data, he can allow the new user into the system. |
| ***PROJECT FUNCTIONALITIES:***  The project functionality of a Cafe Management System includes the following components User Management, Menu Management, Order Management, Table Management, Billing and Payment, Inventory Management, Reporting and Analytics etc. In this project all these components are fully functional according to requirements. |
| ***MODULE DISTRIBUTION WITH ROLES***   |  |  | | --- | --- | | ***Name*** | ***Role*** | | ***FAIQ BIN SABIR*** | ***Database connectivity, Reports and Analytics, Database schema*** | | ***M INTEKHAB MALIK*** | ***Triggers, Database schema*** | |
| ***TABLES:***  ***Customer***  ***Manager***  ***Waiter/Staff***  ***CustomerOrder***  ***Deals***  ***Inventory***  ***Menu***  ***Menu deal***  ***Reservation***  ***Invoice***  ***Feedback*** |
| ***ACTOR USECASE DIAGRAM (OR) WBS:*** |

**Teacher Signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Remarks**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_