

Mess Management System

Database system Project



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## I have created a business selling system called mess management system. Each hostel, school or office have a mess hall for providing food to its members. The main aim behind this project is to get the current status of mess & meals per day, to manage details regarding the stocks of vegetables. The software also provides the costing and monthly calculations of each item used. I need to create a database solution that keeps the customer data, product data and supply chain data. In the software we are maintaining the entire detail of the students and system update the records so that I can build the relationship with our customers. Firstly, I will manually enter the student data, employee data and my customer’s data for starting the system and maintain the records. But the other data comes from the suppliers (means which items or products is purchased and how much quantity of that product). This data is come from supplier side through a server (database like Sql, MySQL, oracle etc.). It also includes options such as adding the student information, deleting the student information. The delete option also asks for specification, whether to delete the one attribute or to delete a particular information. Besides information about the students, information of the teachers using mess is also maintained also it has a facility to maintain a database of all the students. The owner and the manager will use this data to see the employee, students, customers and supply chain records and make sure that the data inventory works properly. This software can be used in general in any institution, hotels, offices, and canteen, etc. which is maintaining a mess.

# **Requirements Specification*.***

#### The system shall provide browsing options to see Menu details.

* The system can generate bill.
* The system can store all records.
* The system can create easiness in update the records.
* The system shall generate the reports.
* The system can add/delete user.
* The system can change password of the user.
* The system can show the profile of the user.
* The system shall display detailed information of the selected Mess Menu.

**Table Entities and its attributes of Database Project**

**Menu:**

Menu\_id

Dish\_id

Dish\_name

Time

date

**Student:**

Student\_id

Firstname

Lastname

Address

Phone no

**Teacher:**

Teacher\_id

Firstname

Lastname

Address

Phone no

**Employee:**

Employee\_id

Firstname

Lastname

Address

Phone no

**Admin:**

Name

Id

Phone no

CNIC

Address

**Bill:**

Bill\_id

Date

Time

Customer\_name

Total\_amount

**UML ERD Diagram using Crow’s foot notation**



**UML ERD and the Umlet free utility.**

