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Department of Computer Engineering

**Diet Management System**

Prepared by

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Project Proposal

Assignment #1

**Introduction**

The Diet Management System is an application that enables people to choose their own habits according to their lifestyle to get the best possible diet coherent to their lives. They can make appointments and they can also search for the wide database full of nutritions. And the owner of the system can create new customers and see the old ones and also the appointments. It will store information in SQL Server Management Studio database. For user interfaces, Visual Studio will be used. Details of the project is given below:

**List of Objects**

1. Customers
2. Dietitians
3. Calculations
4. Database of Nutrition
5. Week Schedule
6. Announcements

**1.Customer**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Login | Customers will log into the system |
| Logout | Customer will log out from the system |
| Add | They will add their information via test |
| Delete | They can delete their information |
| Update | They can change what they write on the test |
| Appointment | They can make an appointment according to schedule |
| Search | They can search dietitans |

**2.Dietitans**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Login | Dietitans will log into the system |
| Logout | Dietitians will log out from the system |
| Add | Add customers |
| Delete | Delete customers |
| Update | Update informations. |
| View | View all customers |
| Appointment | Make and view appointments |
| Schedule | View the Schedule |
| Search by Name | Search customers by Name |
| Search by ID | Search customers by ID |

**3. Calculations**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Calculation 1 | Ideal Bodyweight Calculation |
| Calculation 2 | BMI Calculation |
| View | To view results |

**4.Database of Nutrition**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Search by Name | To search using names |
| Add | Add new materials |
| View | View all whats inside |
| Delete | Delete something from current progress |
| Update | Update the given information about a material |

**5.Week Schedule**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Search by Name | Search by the name of dietitian to see the schedule |
| View | To view Schedule |

**6.Announcements**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add | Add new announcements |
| Update | Update posted announcements |
| Delete | Delete an announcement |
| View | View all current the announcements |

Some other functions that I am currently not sure, may or may not be added depending on my progress through out the project time limit.