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**Old Age Home Management System**

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Project Proposal

**Introduction:**

The Old Age Home management system will maintain information related to Old Age people and employees working in a Home of Old Age People. It will store information in the MySQL database. For user interface, C# will be used. The details of the project are given below:

**List of Objects:**

The project mainly consists of following entities.

1. Elderly

2. Family

3. Employees

4.Nurses

5. Rooms

6. Dining Hall

7. Clinic

8. Activities

9. Ambulance

10. General services (security & clean workers)

11. Announcements

**Detailed functions**

1. Elderly

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add elderly | Add a new elderly to database |
| Delete elderly | Delete an existing elderly from database using elderly ID |
| Update elderly | Update an existing elderly from database using elderly ID |
| View Elderly | Show all elderlies of a particular room |
| Add Health Condition | Add a new Health Condition |
| Delete Health Condition | Delete an existing Health Condition |
| Update Health Condition | Update an existing Health Condition |
| Search by Name | Search elderlies by name |
| Search by ID | Search elderlies by ID |

1. Family

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Family Member | Add a new Family Member to database |
| Delete Family Member | Delete an existing Family Member from database using their ID |
| Update Family Member | Update an existing Family Member from database using their ID |
| View Elderly’s Health Condition | Show elderly’s Health Condition |
| View Announcements | View All Announcements |
| Log in | Log into the system |
| Log out | Log out of the system |

1. Employees

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Employee | Add a new Employee to database |
| Delete Employee | Delete an existing Employee from database using their ID |
| Update Employee | Update an existing Employee from database using their ID |
| View Employees | View All Employees |
| Add Activity | Add a new Activity |
| Delete Activity | Delete an existing Activity |
| Update Activity | Update an existing Activity |
| Add Announcements | Add a new Announcement |
| Delete Announcements | Delete an existing Announcement |
| Update Announcements | Update an existing Announcement |
| Update Room | Update Rooms Elderly’s will stay in |
| Add Nurse | Add a new Nurse to database |
| Delete Nurse | Delete an existing Nurse from database using their ID |
| Update Nurse | Update an existing Nurse from database using their ID |
| Search by name | Search employees by Name |
| Search by ID | Search employees by ID |
| Search Elderly by name | Search Elderly by Name |
| Search Elderly by ID | Search Elderly by ID |
| Login | Log into the system |
| logout | Log out of the system |

1. Nurses

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Nurse | Add a new Nurse to database |
| Delete Nurse | Delete an existing Nurse from database using their ID |
| Update Nurse | Update an existing Nurse from database using their ID |
| Add Health Condition | Add a new Health Condition |
| Delete Health Condition | Delete an existing Health Condition |
| Update Health Condition | Update an existing Health Condition |
| Login | Log into the system |
| Logout | Log out of the system |

1. Rooms

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add to Room | Add a new Elderly to the Room |
| Delete from Room | Delete an existing Elderly from the Room |
| Update Room | Update an existing Room |
| View Room | View all Elderlies in the Room |

1. Dining Hall

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Program | Add (breakfast, lunch, dinner) |
| Delete Program | Delete (breakfast, lunch, dinner) |
| Update Program | Update (breakfast, lunch, dinner) |
| View Program | View Daily Program |

1. Clinic

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add working hours | Add a new time when the clinic open & close |
| Delete working hours | delete an existing time |
| Update working hours | Update an existing time |
| View working hours | View all working hours |
| Add nurse | Add nurse working at clinic |
| Delete nurse | Delete nurse working at clinic by ID |
| Update nurse | Update nurse working at clinic by ID |
| View nurses | View all nurses working at clinic |

1. Activities

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Activities | Add a new Activity |
| Delete Activities | Delete an existing Activity |
| Update Activities | Update an existing Activity |
| View Activities | View All Activities |

1. Ambulance

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add ambulance | Add a new ambulance |
| Delete ambulance | Delete ambulance |
| Add ambulance status | Add ambulance status |
| Update ambulance status | Update ambulance status |
| Delete ambulance status | Delete ambulance status |
| View ambulances | View all ambulances |
| Search by ID | Search for an ambulance by ID |

1. General services (security & clean workers)

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Security Man | Add a new Security Man to database |
| Delete Security Man | Delete an existing Security Man from database using their ID |
| Update Security Man | Update an existing Security Man from database using their ID |
| View Security Men | View All Security Men |
| Add clean worker | Add a new clean worker to database |
| Delete clean worker | Delete an existing clean worker from database using their ID |
| Update clean worker | Update an existing clean worker from database using their ID |
| View clean workers | View All clean workers |

1. Announcements

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Announcement | Add a new Announcement |
| Delete Announcement | Delete an existing Announcement |
| Update Announcement | Update an existing Announcement |
| View Announcements | View All Announcements |