**Tracking Items In A Lab**

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Project Proposal

Assignment 1

**Introduction**

The lab items tracking system will maintain information related to items by their attributes. For user interface, C# will be used. The details are given below:

**List of Objects**

The project contains following properties.

1. Labs
2. Rooms
3. Locations
4. Categories
5. Status
6. Items

**Detailed functions**

**1.Labs**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Lab | Add a new lab. |
| Remove Lab | Remove selected lab. |
| Edit Lab | Edit selected lab. |
| Search Lab | Search a lab by name. |

**2. Rooms**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Room | Add a new room. |
| Remove Room | Remove selected room. |
| Edit Room | Edit selected room. |
| Search Room | Search a room in selected lab. |

**3.Locations**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Location | Add a new location. |
| Remove Location | Remove selected location. |
| Edit Location | Edit selected location. |
| Search Location | Search a location in selected room. |

**4.Categories**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Category | Add a new category. |
| Remove Category |  |
| Edit Category |  |
| Search Category |  |

**5.Status**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Status | Add a new status. |
| Remove Status | Remove selected status. |
| Edit Status | Edit selected status. |
| Search Status | List items by status. |

**6.Items**

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| Add Item | Add a new item. |
| Remove Item | Remove selected item. |
| Edit Item | Edit selected item. |
| Search Item | Search an item by name. |