## Use cases (diagram + narratives)

The main activity relationship between the user and the system is shown in the use case below.



### Department Management

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| **UC-1 -1** | **Department Data management: View, Add and Edit** |
| **Primary Actor(s)** | *User* |
| **Stakeholders and Interest** | *User* |
| **Trigger** | *The user reviews the department data. Add, edit or view department details.* |
| **Pre-conditions** | *Open the weibsite page.* |
| **Post-conditions** | *The database has been successfully connected. And get the department list. Can process the add , edit and view details functions.* |
| **Main Success Scenario** | 1. *Load the index page* 2. *Show department list.* 3. *Go to add department page when hit “+” button* 4. *Go to edit page when hit “edit” button* 5. *Go to the department detail page when hit “detail” button.* |
| **Extensions** | *1. No internet connection. Page loading fail.*  *2. No database connection. Page loading fail.*  *3. Information input error*  *3.1 missing data. Name and number should not be blank. Need input again.*  *3.2 data duplicate. Number and Code should be unique. Adding error.*  *4. edit data input error*  *4.1 missing data. Name and number should not be blank. Need input again.*  *4.2 data duplicate. Number and Code should be unique. Adding error.*  *5. No contacts in the linked department. Show blank.* |
| **Priority** | *high* |

### Contact Management

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| --- | --- |
| **UC-1 -1** | **Contact data management: View, Add, Edit and Delete** |
| **Primary Actor(s)** | *User* |
| **Stakeholders and Interest** | *User* |
| **Trigger** | *The user reviews the contact data. Add, edit or delete contact details.* |
| **Pre-conditions** | *Open the department detail page.* |
| **Post-conditions** | *The database has been successfully connected. And get the department information and contact list. Can process the add , edit and delete functions.* |
| **Main Success Scenario** | 1. *Load the department view page* 2. *Show department information* 3. *Show contacts list* 4. *Go to add contact page when hit “+” button* 5. *Go to edit page when hit “edit” button* 6. *Delete selected contact when hit “detail” button.* |
| **Extensions** | *1. No internet connection. Page loading fail.*  *2. No database connection. Page loading fail.*  *3. No contacts in the select department. Show blank.*  *4. Information input error*  *4.1 missing data. Required fields should not be blank. Need input again.*  *5. edit data input error*  *Missing data. Required fields should not be blank. Need input again.*  *6. Ask conform when deleting. Will not show update form after delete.* |
| **Priority** | *high* |