# <UC2.3 : EDIT LOCATION>

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| Actors | Admin User |
| Description | User selects a Location entity to be edited from the list of existing Location entities and updates it. |
| Preconditions | User should be a valid Admin user and should be logged in the system. |
| Post conditions | 1. The selected Location should be edited successfully in the database. 2. A confirmation message should be displayed to the user. |
| Trigger | User clicks the EDIT button and selects Location from the list of displayed options. |
| Steps  (Normal Flow) | 1. User has clicked on the EDIT button and has selected Location from the list of displayed options. 2. The entire list of Location names is displayed and the user selects the desired Location to be edited. 3. The user can modify the fields listed below:    1. Location Name\*    2. Description\*   3.3 Last Updated By  3.3.1 Auto populated by the system.  3.4 Last Updated Date  3.4.1 Auto populated by the system.   1. After editing the data, the user selects the SAVE or CANCEL button. 2. If the SAVE button is clicked, a confirmation message is displayed to the user.    1. If the user selects NO, then GOTO #3    2. If the user selects YES, then the entity is updated in the database, a message is displayed that the entity has been updated successfully and the user is redirected to the home page. 3. If the CANCEL button is clicked, a confirmation message is displayed to the user whether he wants to cancel the updation of the Entitiy.    1. If the user selects NO, then GOTO #3    2. If the user selects YES, the operation is cancelled and he is redirected to the home page.   \***represents the mandatory fields** |
| Extensions/  Alternative Flows |  |
| Business Rules | 1. All the mandatory fields should be provided. 2. Location Name Validation    1. Where the data field is a name, the max length allowed is 100 characters.    2. Leading character must be Alphanumeric (upper or lower case)    3. Trailing character must be Alphanumeric (upper or lower case)    4. All other characters may be any keyboard characters including European keyboard characters (not Cyrillic or Greek)    5. Duplicate value not allowed. 3. Last Updated By and Last Updated Date are read-only fields. |
| Non Functional Requirements | Entities should be updated in real time. There should be no time-lag. |
| Issues | System may not be connected to the database as the database may be down. |