

Use Case scenario - IBeacon

Use Case Name	Create administrator
Primary Actor	super administrator
Precondition	Logged in as a super administrator.
Success Guarantee	The super administrator has successfully created a administrator.
Main success Scenario	<ol style="list-style-type: none">1. The super administrator creates a new administrator.2. The super administrator fills in a username.3. The super administrator fills the password in two times.4. The super administrator selects what kind of administrator he wants.5. The super administrator fills in the required information needed for a administrator.6. The super administrator saves the administrator.7. The super administrator confirms that he wants to create the administrator.8. The system saves the administrator.9. The system shows a message that it is saved.
extensions	<ol style="list-style-type: none">1a. There is already an administrator with the same username and an error message is showed.2a. The password is not the same twice and a error is showed.5a. The the required information isn't filled in.8a. The system fails to create an administrator and a error message is showed.

Use Case Name	Remove administrator
Primary Actor	super administrator
Precondition	Logged in as a super administrator.
Success Guarantee	The super administrator has successfully removed a administrator
Main success Scenario	<ol style="list-style-type: none"> 1. The super administrator selects an administrator from a list. 2. The super administrator deletes the selected administrator. 3. The system ask for confirmation 4. The super administrator confirm the action 5. The system removes the selected administrator 6. The system reports that the administrator is deleted.
extensions	<p>2a.The super administrator wants to delete himself and a error is showed</p> <p>5a. The system fails to delete the administrator and a error message is showed.</p>

Use Case Name	Update administrator
Primary Actor	Super Administrator
Precondition	Logged in as a super administrator.
Success Guarantee	The Super Administrator has successfully changed an administrator
Main success Scenario	<ol style="list-style-type: none"> 1. The super administrator selects a administrator. 2. The system shows the information of the administrator. 3. The super administrator changes the information of the administrator. 4. The super administrator confirms that he wants to change the administrator. 5. The system saves the changes made of the administrator.
extensions	<p>3a. The super administrator hasn't filled in the password twice correctly and a error message is showed.</p> <p>5a. The system fails the save the changes and a error message is showed.</p>

Use Case Name	Create beacon
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator creates a beacon
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator creates a beacon 2. The administrator fills in the beacon information 3. The administrator fills in the beacon data 4. The administrator selects which data is visible for which user 5. The administrator selects in which group this beacon belongs 6. The administrator attempts to save the beacon 7. The system validates the beacon data 8. The system creates the beacon
Extensions	<ol style="list-style-type: none"> 6.1 The system reports the data is not valid 7.1 The system failed to create the beacon

Use Case Name	Update beacon
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator changes the beacons information
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator select a beacon 2. The system shows the beacon data and information 3. The administrator change the data of the beacon and the beacon information 4. The administrator attempts to save the changed data 5. The system ask if the administrator is sure about the changed data 6. The administrator selects "yes" 7. The system saves the beacon data 8. The system reports beacon data has been saved
Extensions	<ol style="list-style-type: none"> 6.1 The system reports data is not valid 7.1 The administrator selects "no" <ol style="list-style-type: none"> 6.1.1 The system shows the update screen 8.1 The system reports beacon data has not been saved

Use Case Name	Create route
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator creates a route
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator creates a route 2. The administrator fills in the start and end destination 3. The system shows a minimap of the distance between the two destinations 4. The administrator inputs beacons as waypoints <ol style="list-style-type: none"> 4.1. The administrator select beacons on the minimap as waypoints 5. The administrator selects for which user type this route is visible 6. The administrator attempts to save the route 7. The system validates the route data 8. The system creates the route
Extensions	<ol style="list-style-type: none"> 2.1 The system reports there are no available beacons between the destinations 7.1 The system reports the data is not valid 8.1 The system failed to create the route

Use Case Name	Change Route
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator changes a route
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a route. 2. The administrator changes the beacon positions 3. The administrator changes the end and start locations. 4. The administrator attempts to save the changes. 5. The system ask if the administrator wants to save changes. 6. The administrator confirms that he wants to save the changes. 7. The system saves the changes.
Extensions	7a. There isn't a connecting with the database and the system gives a error.

Use Case Name	Remove Route
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator removes a Route
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a route from the table. 8. The administrator attempts to remove the route. 9. The system ask if the administrator wants to remove the route. 10. The administrator selects yes. 11. The system removes the route.
Extensions	5a. connection is lost to the database and the system gives an error

Use Case Name	Remove beacon
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator removes a beacon
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a beacon. 2. The administrator attempts to remove the beacon. 3. The system ask if the administrator wants to remove the beacon. 4. The administrator selects yes. 5. The system removes the beacon.
Extensions	5a. connection is lost to the database and the system gives an error

Use Case Name	Add data type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator adds a data type
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator creates a data type. 2. The administrator gives a extension. 3. The administrator fills in a name for the data type. 4. The administrator attempts to save the data type. 5. The system ask if the administrator wants to save the data type. 6. The administrator confirms that he wants to save the data type. 7. The system save the data type.
Extensions	7a. There isn't a connecting with the database and the system gives a error.

Use Case Name	Change data type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator changes a data type.
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a data type. 2. The administrator changes the extension or the name. 3. The administrator attempts to save the changes. 4. The system ask if the administrator wants to save the data type. 5. The administrator confirms that he wants to save the data type. 6. The system save the data type.
Extensions	6a. There isn't a connecting with the database and the system gives a error.

Use Case Name	remove data type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator removes a data type.
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a data type. 2. The administrator attempts to remove the data type. 3. The system ask if the administrator wants to remove the data type. 4. The administrator confirms that he wants to remove the data type. 5. The system removes the data type.
Extensions	5a. There isn't a connecting with the database and the system gives a error.

Use Case Name	Add user type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator adds a user type.
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator creates a user type. 2. The administrator fills in a name for the user type. 3. The administrator fills in a what kind of information this user gets. 4. The administrator attempts to save the user type. 5. The system ask if the administrator wants to save the user type. 6. The administrator confirms that he wants to save the user type. 7. The system save the user type.
Extensions	7a. There isn't a connecting with the database and the system gives a error.

Use Case Name	Change user type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator changes a user type.
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a user type. 2. The administrator changes the name of the user type. 3. The administrator changes what kind of information the user gets . 4. The administrator attempts to save the user type. 5. The system ask if the administrator wants to save the user type. 6. The administrator confirms that he wants to save the user type. 7. The system save the user type.
Extensions	7a. There isn't a connecting with the database and the system gives a error.

Use Case Name	remove user type
Primary Actor	Administrator
Precondition	Logged in as administrator
Success Guarantee	The administrator removes a user type.
Main success Scenario	<ol style="list-style-type: none"> 1. The administrator selects a user type. 2. The administrator attempts to remove the user type. 3. The system ask if the administrator wants to remove the user type. 4. The administrator confirms that he wants to save the user type. 5. The system removes the user type.
Extensions	5a. There isn't a connecting with the database and the system gives a error.