# 3. Use Case Specification in Brief Format

|  |  |
| --- | --- |
| Use Case 0.2 | |
| ID: 0.2 UC (Level 0) | **Type:** *Base* |
| Name: | Open/Closing Parking Spot |
| Owner: | Arunkumar, Hariprasad, Prasanna Venkatesh, Rekha Muthulakshmi |
| Purpose: | The CometPark system allows the administrator to manage the parking spots in case of special events or emergency situation. The administrator will be able to open or close the parking spots according to the situation. |
| Pre-conditions: | 1. The CometPark system should already have been installed and currently be in use. 2. The system must have an authorized person as the administrator. 3. The administrator should be familiar with the admin console of the system. |
| Post-conditions: | 1. The administrator shall be able to control the parking spots using the admin console of the system. |
| Reference Documents: | 1. SRS Version 1.0 |

|  |  |
| --- | --- |
| Use Case 1.2 | |
| ID: 1.2 UC (Level 1) | **Type:** *Base* |
| Name: | Open/Closing Parking Spot |
| Owner: | Arunkumar, Hariprasad, Prasanna Venkatesh, Rekha Muthulakshmi |
| Purpose: | The CometPark system allows the administrator to manage the parking spots in case of special events or emergency situation. The administrator will be able to open or close the parking spots according to the situation. |
| Pre-conditions: | 1. The CometPark system should already have been installed and currently be in use. 2. The system must have an authorized person as the administrator. 3. The administrator should be familiar with the admin console of the system. |
| Post-conditions: | 1. The administrator shall be able to control the parking spots using the admin console of the system. |
| Reference Documents: | 1. SRS Version 1.0 |

|  |  |
| --- | --- |
| Use Case 0.1 | |
| ID: UC 0.1 (Level 0) | **Type:** *Base* |
| Name: | Find Vacant Parking Spot |
| Owner: | Arunkumar, Hariprasad, Prasanna Venkatesh, Rekha Muthulakshmi |
| Purpose: | To find a vacant parking spot near the user. The CometPark system identifies the parking spots that are closest to the user’s current location and shows to the user. The user will specify the number of spots to display and their preferred color code. The Comet Park system displays the vacant spots based on the color and the number specified by the user. |
| Pre-conditions: | 1. The CometPark system should have been installed and in running state.  2. The mobile application should have been installed in the user’s mobile phone.  3. The user’s mobile phone must be GPS enabled and must have a valid internet connection through Wifi or 4G. |
| Post-conditions: | 1. The user is able to see the vacant parking spots near his/her current location based on the number of spots and color set by the user. |
| Reference Documents: | System Requirements Specification Version 2.0 |