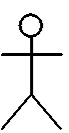
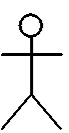
COMP 586  Group 2

Group Assignment #3

Use case and use case descriptions

<<include>>

user

sever

Seach for something

Discription-The system will display the path to the sevice that user search for and current position of user. Sevice can be some events, buliding or facilities.Then keep track of user’s current position and display it.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some sevice on campus | | |
| Triggering event | User enter the sevice on the app and search | | |
| Actors | user | | |
| Related use case | Search for restaurant, Search for classroom, Search for parking lot, Search for parking ticket Kiosk, Search events | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the path to user’s destination | | |
| Flow of event | Actor | | System |
| 1, user enter the sevice he want  2, user click the search buttom | | 3, check the internet connection  4, get the current position of user  5, search the path for user  6, display the path and current user position |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | No GPS turns off | Tell user allow GPS use |
| 5a | Can not find the target | Ask user modify the search keyword |

Seach for restaurant

Discription-The system will display the path to the restaurant that user search for and current position of user. Then keep track of user’s current position and display it.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some restaurant on campus | | |
| Triggering event | User enter the name of restaurant on the app and search | | |
| Actors | user | | |
| Related use case | Search for something | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the path to the restaurant user want | | |
| Flow of event | Actor | | System |
| 1, user enter the restaurant he want or restaurant near him  2, user click the search buttom | | 3, check the internet connection  4, get the current position of user  5, search the path for user  6, display the path and current user position |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | No GPS turns off | Tell user allow GPS use |
| 5a | Can not find the target | Ask user modify the search keyword |

Seach for classroom

Discription-The system will display the path to the classroom that user search for and current position of user. Then keep track of user’s current position and display it.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some classroom on campus | | |
| Triggering event | User enter the name of classroom on the app and search | | |
| Actors | user | | |
| Related use case | Search for something | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the path to the classroom user want | | |
| Flow of event | Actor | | System |
| 1, user enter the classroom he want  2, user click the search buttom | | 3, check the internet connection  4, get the current position of user  5, search the path for user  6, display the path and current user position |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | No GPS turns off | Tell user allow GPS use |
| 5a | Can not find the target | Ask user modify the search keyword |

Seach for parking lot

Discription-The system will display the path to the parking lot that user search for and current position of user. Then keep track of user’s current position and display it.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some parking lot on campus | | |
| Triggering event | User enter the name of parking lot on the app and search | | |
| Actors | user | | |
| Related use case | Search for something | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the path to the parking lot user want | | |
| Flow of event | Actor | | System |
| 1, user enter the parking lot he want or parking lot near him  2, user click the search buttom | | 3, check the internet connection  4, get the current position of user  5, search the path for user  6, display the path and current user position |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | No GPS turns off | Tell user allow GPS use |
| 5a | Can not find the target | Ask user modify the search keyword |

Seach for parking ticket Kiosk

Discription-The system will display the path to the parking ticket Kiosk that user search for and current position of user. Then keep track of user’s current position and display it.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some parking ticket Kiosk on campus | | |
| Triggering event | User enter the name of parking ticket Kiosk on the app and search | | |
| Actors | user | | |
| Related use case | Search for something | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the path to the parking ticket Kiosk user want | | |
| Flow of event | Actor | | System |
| 1, user enter the parking ticket Kiosk he want or parking ticket Kiosk near him  2, user click the search buttom | | 3, check the internet connection  4, get the current position of user  5, search the path for user  6, display the path and current user position |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | No GPS turns off | Tell user allow GPS use |
| 5a | Can not find the target | Ask user modify the search keyword |

Seach events

Discription-The system will display the information of the events which the user is search for.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User search for some events on campus | | |
| Triggering event | User enter the name of events on the app and search | | |
| Actors | user | | |
| Related use case | Search for something | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search activity | | |
| Post-condition | App display the information of the events that user interested in | | |
| Flow of event | Actor | | System |
| 1, user enter the events he interested in  2, user click the search buttom | | 3, check the internet connection  4, search the event on csun web site for user  5, display the information about user interested events on the app |
| Exceptions | Step | Condition | Action Description |
| 3a | No internet connection | Tell user connect to internet |
| 4a | Can not find the event | Ask user modify the search keyword |

View history search result

Discription-The system will display history search result user has searched before.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | User want to check the previous searched result | | |
| Triggering event | User click the previous searched keyword | | |
| Actors | user | | |
| Related use case | Search for restaurant, Search for classroom, Search for parking lot, Search for parking ticket Kiosk, Search events | | |
| Stakeholders | user,sever | | |
| Pre-condition | App is in the search records activity | | |
| Post-condition | App display the path to user’s destination or the events which user is interested in | | |
| Flow of event | Actor | | System |
| 1, user click the previous searched keywords | | 2, check the internet connection  3, get the current position of user  4, search the path for user  5, display the path and current user position or the events infomation |
| Exceptions | Step | Condition | Action Description |
| 2a | No internet connection | Tell user connect to internet |
| 3a | No GPS turns off | Tell user allow GPS use |
| 4a | Can not find the target | Ask user modify the search keyword |