**Use Case Document**

**Who’s in Range**

**CIT-360 Object Oriented Programming**

**Section 4, Professor Brad Lawrence**

**12/17/2019**

# First Use Case

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Use Case:** | Login | | | |
| **Created By:** | Braden Harada | | **Last Updated By:** | B. Harada |
| **Date Created:** | 12/17/2019 | | **Last Revision Date:** | 12/17/2019 |
|  | |  | | |
| **Description:** | | User attempts to login to the app | | |
| **Actors:** | | User | | |
| **Preconditions:** | | 1. User has valid login credentials | | |
| **Postconditions:** | | 1. User gains access | | |

# Second Use Case

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Use Case:** | Setting Coordinates | | | |
| **Created By:** | Braden Harada | | **Last Updated By:** | B. Harada |
| **Date Created:** | 12/17/2019 | | **Last Revision Date:** | 12/17/2019 |
|  | |  | | |
| **Description:** | | User sets the coordinates of their radio antenna | | |
| **Actors:** | | User | | |
| **Preconditions:** | | 1. Know latitude  2. Know longitude  3. Know Elevation | | |
| **Postconditions:** | | 1. Coordinates are stored in the database | | |

# Third Use Case

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Use Case:** | Find Users within range | | | |
| **Created By:** | Braden Harada | | **Last Updated By:** | B. Harada |
| **Date Created:** | 12/17/2019 | | **Last Revision Date:** | 12/17/2019 |
|  | |  | | |
| **Description:** | | User searches for other users they can communicate with | | |
| **Actors:** | | User | | |
| **Preconditions:** | | 1. Have coordinates set | | |
| **Postconditions:** | | 1. Other users may be found, depending on the other users in the area | | |