IBEACON NAVIGATION APP

The app uses a screen reader and as well gives voice message on each event performed by the user, hovering over a button, or tapping on a command gives a voice message.

Search Location Task

<u>User intends to move from the lobby at Astra building to S303.</u>

- User opens the ibeacon navigation app
- Ibeacon auto connects
- Screen will open with the following buttons
    - 1 Large button will be for search location
    - 2 Large button will be for bookmarked locations
    - 1 small button for Disconnect
    - 2 Small button for starting current location navigation
- User taps on search location
- The next screen opens a list of the major buildings in TLU
- User taps on desired location (Astra)
- Next screen opens a list of floors
- User taps 3rd floor
- Next screen opens a text input field with a numeric keypad.
- User inputs the room number (also has the option on voice input)
- User gets voice message direction to the location (option for msg repeat)

2. Bookmark Location Task

<u>User after performing a search location task:</u>

- A pop up screen appears with voice message asking user to tap on screen to bookmark this location or cancel
- User taps on bookmark
- Voice message informs user that the desired location has been bookmarked

3. See/Selection from Bookmarked Locations

- User opens the ibeacon navigation app
- Ibeacon auto connects
- Screen will open with the following buttons
    - 1 Large button will be for search location
    - 2 Large button will be for bookmarked locations
    - 1 small button for Disconnect
    - 2 Small button for starting current location navigation
- User taps on bookmarked locations
- User taps on desired location saved
- User gets voice message direction to the location (option for msg repeat)