**OrientPSU Use Case 2**

**Title**: Room Searching.

**Description:** Provide the general information and direction of a room to a user at no charge after entering desired search criteria.

**Pre-conditions:**

* NOT SURE

**Post-conditions:**

(1) Display a general description and directions of the room.

(2) (optional) Allow user to do another search.

**Actors:**

* Student, faculty, visitor (referred to as the "user").
* OrientPSU app (referred to as the "system").

**Main Success Scenario:**

1. Room Search screen displays search fields.
2. User enters desired search criteria.
3. Room Search screen queries the system database with search criteria.
4. Database processes query in /\* name \*/ table.
5. Relevant results are transferred back to the Room Search screen.
6. Room Search screen renders information associated with the desired search criteria .

**Alternate Flow 1**:

(4A) Database cannot find information that matches the search criteria.

(4A1)Room Search screen displays “Error Message”. //Do u want a specific error message?

(4A2) Navigate back to step 1.

**Alternate Flow 2**:

(2A) User enters invalid search criteria or unrecognized symbol.

(2A1)Room Search screen displays “Error Mesage”. //Do u want a specific error message?

(2A2) Navigate back to step 1.

**Alternate Flow 3**:

- The app is interrupted by a phone call

- Allow the user to answer the phone call

- After user finish the phone call, navigate back to the step user left.

*Use case ends*