Toggle Status Use Case Description (Referred to as set status in diagram)

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| **Use Case:** | Toggle Status | |
| **Use Case ID:** | toggleStatus | |
| **Description:** | Allows Resident Advisors to toggle their status between offline and online (On-Call during their hours) | |
| **Primary actor(s):** | Resident Advisor User | |
| **Stakeholders:** | User  Other Resident Advisors  Dormitory Students  Campus Security  School Administration | |
| **Trigger:** | User clicks the “On-Call” Toggle switch on their GUI | |
| **Preconditions:** | User is logged in  User is a Resident Advisor | |
| **Postconditions:** | User profile shows they are on-call  Users name appearing in other instances will have a green dot next to it | |
| **Exceptions:** |  | |
| **Normal flow of events:** | Actor   1. Clicks on toggle switch | System   1. Sets Boolean value “onCall” stored for user to 1 for on-call 2. Displays user status as on-call on their profile 3. Displays green dot next to user |

Display Status Use Case Description

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| **Use Case:** | Display Status | |
| **Use Case ID:** | displayStatus | |
| **Description:** | The System will check a Residential Advisor user’s stored Boolean value “onCall”, if it is set to 0, the users name will be displayed normally, If 1 then an indicator will appear next to the user’s name | |
| **Primary actor(s):** | User  System | |
| **Stakeholders:** | Resident Advisors  Dormitory Students  Campus Security  School Administration | |
| **Trigger:** | A Residential Advisor User’s name must be displayed on the current page | |
| **Preconditions:** | The user whose name is about to be displayed must be an RA user | |
| **Postconditions:** | RA user’s name has an online indicator if required | |
| **Exceptions:** | RA User has no set boolean value | |
| **Normal flow of events:** | User   1. Loads a page containing an RA user’s name | System   1. Checks stored boolean value for RA User(s) status 2. Displays name with indicator if its 1 3. Displays name without indicator if it’s 0 |

Create Account Use Case Description

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| **Use Case:** | Create Account | |
| **Use Case ID:** | createAccount | |
| **Description:** | Automatically, or at the hand of an administrator, the system creates a user account and populates with housing data | |
| **Primary actor(s):** | The system itself  Administrator | |
| **Stakeholders:** | Resident Advisors  Dormitory Students  Campus Security  School Administration | |
| **Trigger:** | A student is assigned to a room in a campus run living facility | |
| **Preconditions:** | The campus run living facility is supported by the system  Duplicate account is not being created | |
| **Postconditions:** | An in-system user profile is created with basic personal information and correct user type for a student | |
| **Exceptions:** | Student already has an account | |
| **Normal flow of events:** | Actor   1. Student is assigned to a supported campus run living housing | System   1. Creates blank standard user profile 2. Populates info fields with first name, last name, student ID, dorm building, and specific room assignment if available 3. Sets account to an RA account if that information is provided |

Create Group Use Case Description

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| **Use Case:** | Create Group | |
| **Use Case ID:** | createGroup | |
| **Description:** | A Residential Advisor user can create a group and give it a description | |
| **Primary actor(s):** | RA user | |
| **Stakeholders:** | Resident Advisors  Dormitory Students | |
| **Trigger:** | An RA user clicks on a create group button | |
| **Preconditions:** | The user must be an RA User | |
| **Postconditions:** | A new empty group is created with a description | |
| **Exceptions:** |  | |
| **Normal flow of events:** | Actor   1. Clicks create group button 2. User fills out name and description of group 3. User Submits form | System   1. Brings up a group creation form with a group name and description field 2. System creates new group object using form as values |

Add Users to Group Use Case Description

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| **Use Case:** | Add Users | |
| **Use Case ID:** | Addusers | |
| **Description:** | Allows a Residential Advisor user to add one or more users to a group | |
| **Primary actor(s):** | RA User | |
| **Stakeholders:** | Resident Advisors  Dormitory Students | |
| **Trigger:** | RA User clicks on add students | |
| **Preconditions:** | A group must already be created  RA User must be inside of a group’s info to see the “add students” button  Students must exist in the system for the RA to add to the group | |
| **Postconditions:** | The group will contain the selected students as members | |
| **Exceptions:** |  | |
| **Normal flow of events:** | Actor   1. RA clicks on add students 2. RA selects a student name(s) from the list 3. Once the RA has selected all names they wish to add, they click submit | System   1. System opens searchbox of all users    1. Can be sorted by Primary Key studentID or first/last name. 2. System adds student to a saved list of current selection 3. The system takes the list of selected students and adds them as members of the group |