**Use case name:** Monitor Laundry Machine
**Summary:** Customer requests to view laundry machines
**Actor:** Laundry Customer
**Precondition:** Customer launches app
**Main sequence:**
1. App requests list of university dorms from server
2. Server returns list of dorms with laundry machines
3. Customer selects dorm
4. Application sends request to server
5. Server returns list of laundry machines and their status
6. Application renders information graphically to the user

**Use case name:** Make a reservation
**Summary**: Customer reserves laundry machine
**Actor:** Laundry Customer
**Precondition**: Customer selects dorm to view laundry machines
**Main sequence**:
1. Customer selects the washer or dryer they would like to reserve.
2. Application sends request to server.
3. Server returns selected machine.
4. If time remaining is zero, show make reservation button.
5. After show reservation button is clicked. App marks the machine as reserved
6. System notifies customer that reservation has been completed.
**Alternatives:**
1. If time remaining is not zero, show a wait list and a "join the waitlist" button
2. if join the waitlist button is pressed, app shows the waitlisted machine and estimated wait time.
**Postcondition:**
1. Customer has made a reservation

**Use case name:** Receive a Notification
**Summary**: Customer receives a notification regarding the status of a laundry machine
**Actor**: Timer
**Precondition**: Customer requests notification regarding status of laundry machine
**Main sequence:**
1. Timer goes off, application requests for information from server
2. Server sends status of laundry machines
3. If the status of a machine matches what the user requested, then timer sends a notification to the user with the relevant information
**Alternatives:**
1. Otherwise restart the timer
2. Sequence restarts