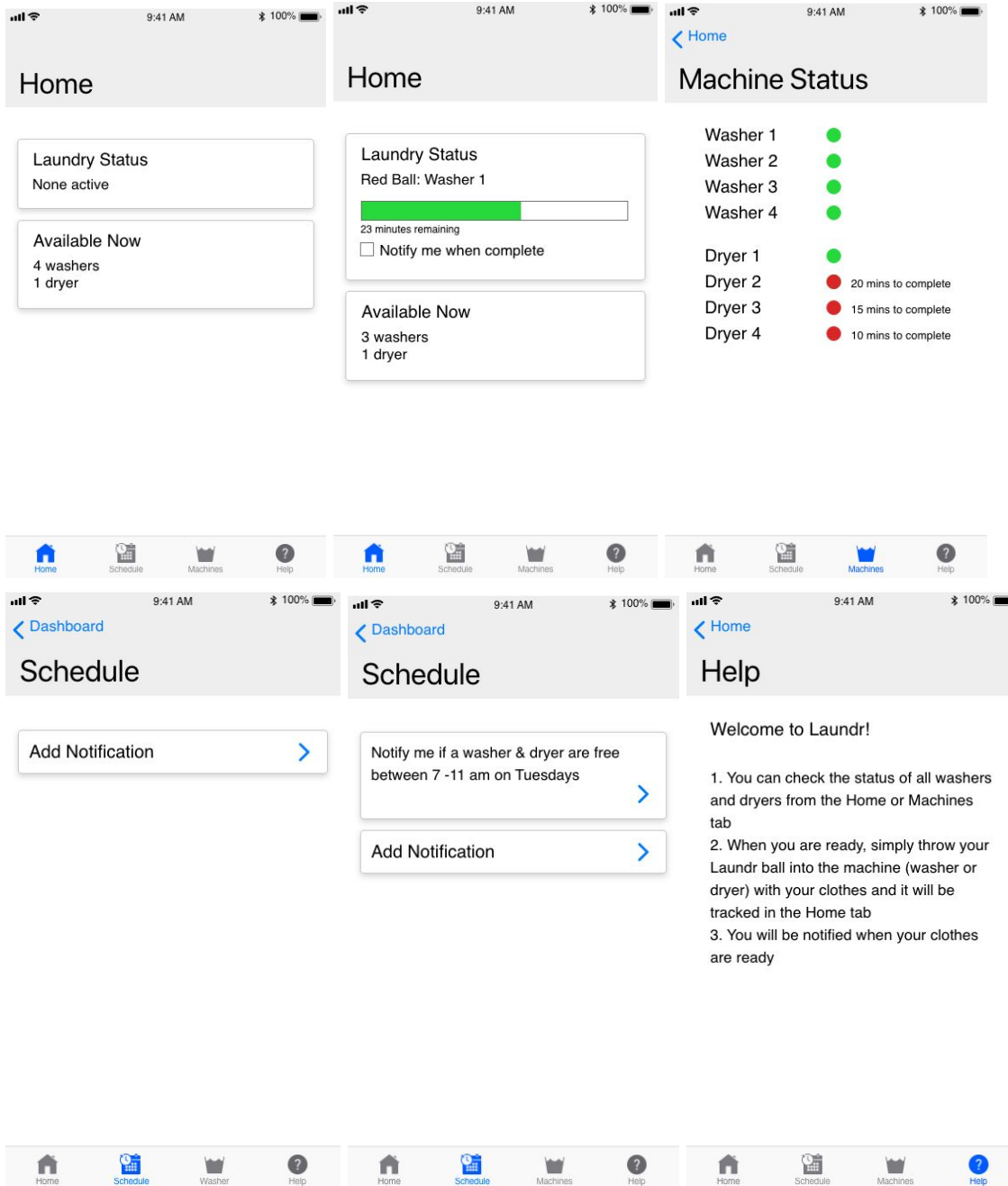


Assignment 3e: Digital Mockup

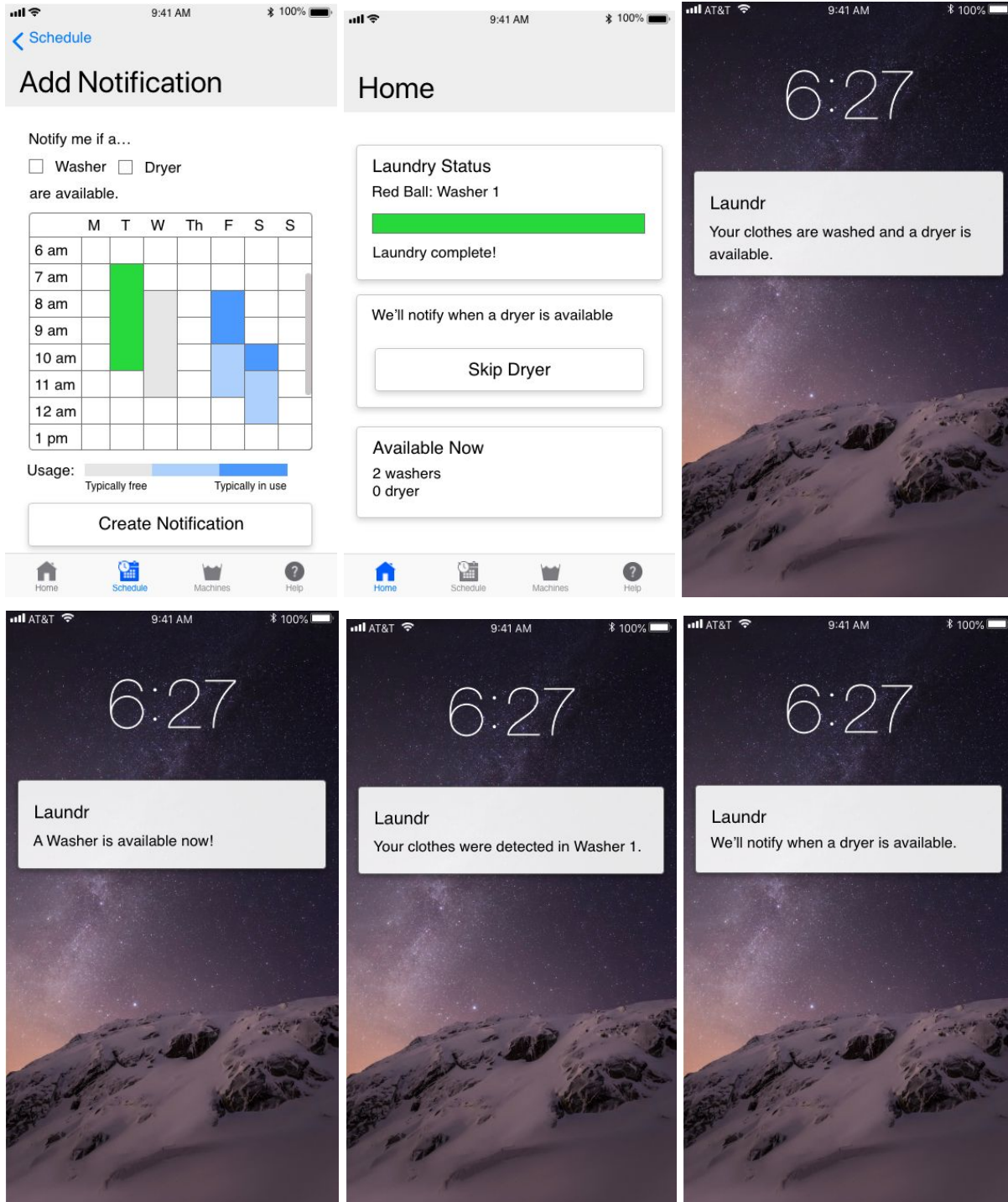
Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

Overview:



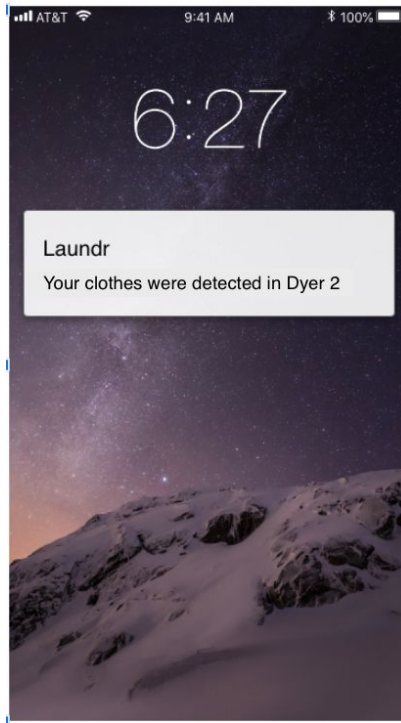
Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

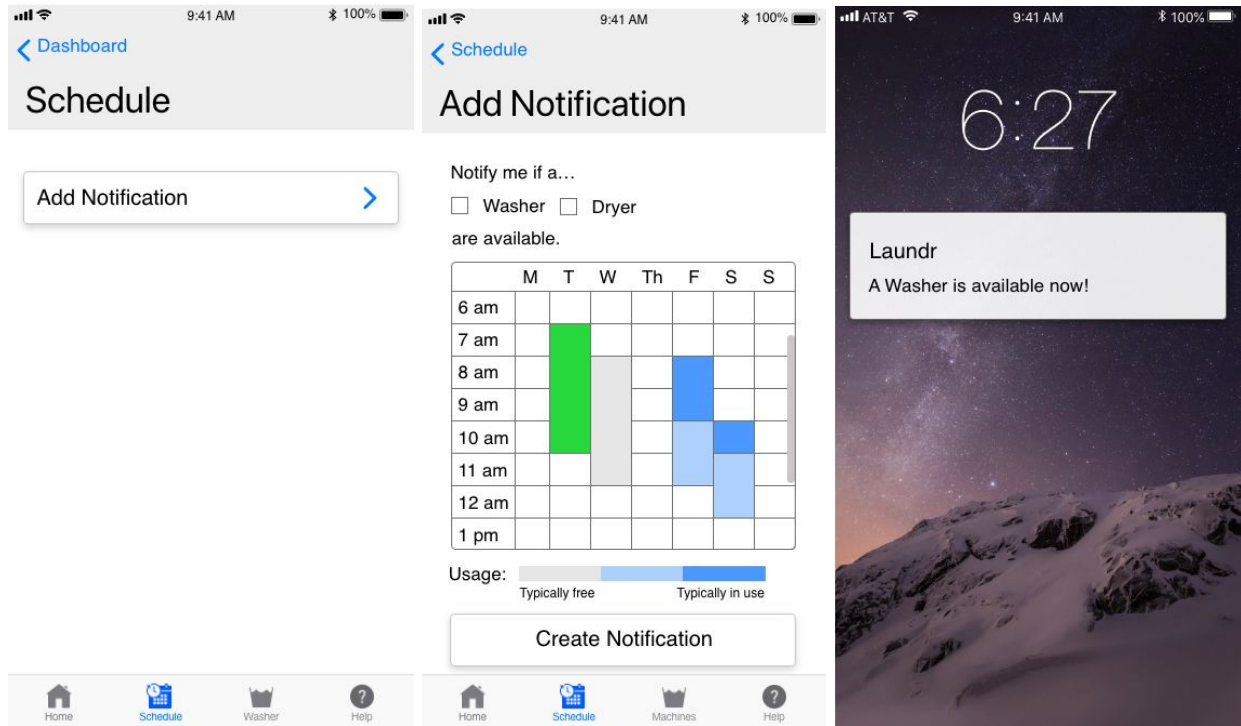


Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

Task Walkthrough:

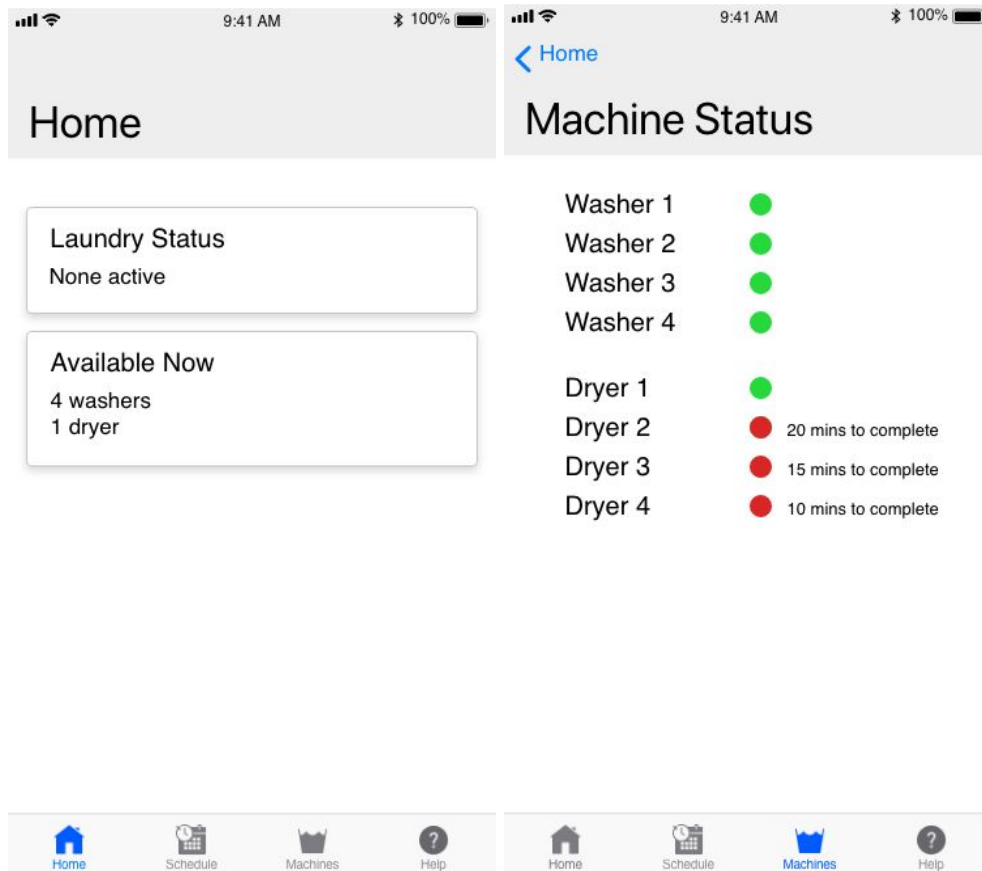
Task 1: Deciding when to do laundry



The user can set notifications on certain times based on their schedule, and the likely availability of machines. The app will suggest good times to do laundry based on typical usage of machines (as indicated by the usage bar at the bottom), and then it will send the user a notification if it detects free machines within the user's timing preferences.

Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson



Alternately, the user can go into the app if they prefer to do laundry at an unscheduled time and can see both overall status of the machines from the Home screen, and for more detailed statistics from the Machine Status screen.

Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

Task 2: Knowing when clothes are finished washing and drying

When the user receives this notification, they know that a washer is available.



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

They can then go and place their clothes in the washer (along with the ball) and start it without ever interacting with the app. They will receive this notification to confirm that Laundr knows their clothing is there:



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

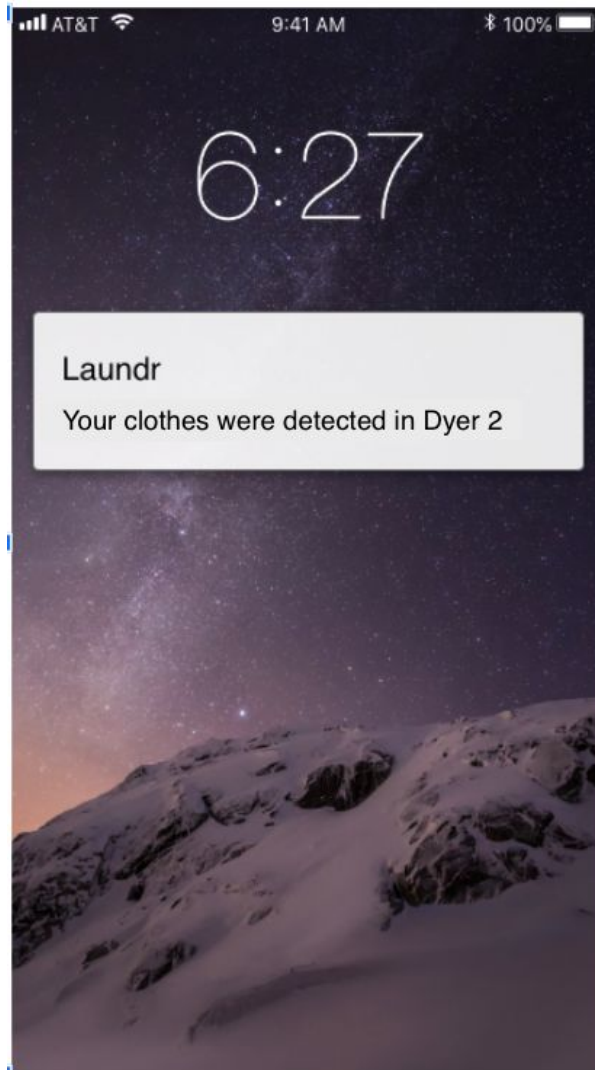
At the end of the wash cycle, and when a dryer is available, they will receive a new notification:



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

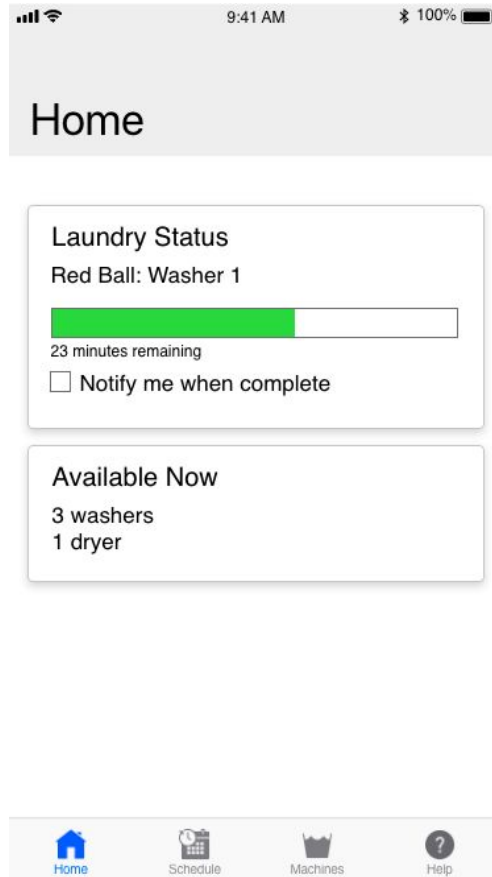
Again, the app will not require any interaction at this point -- once the user transfers their clothes they will automatically receive a notification confirmation:



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

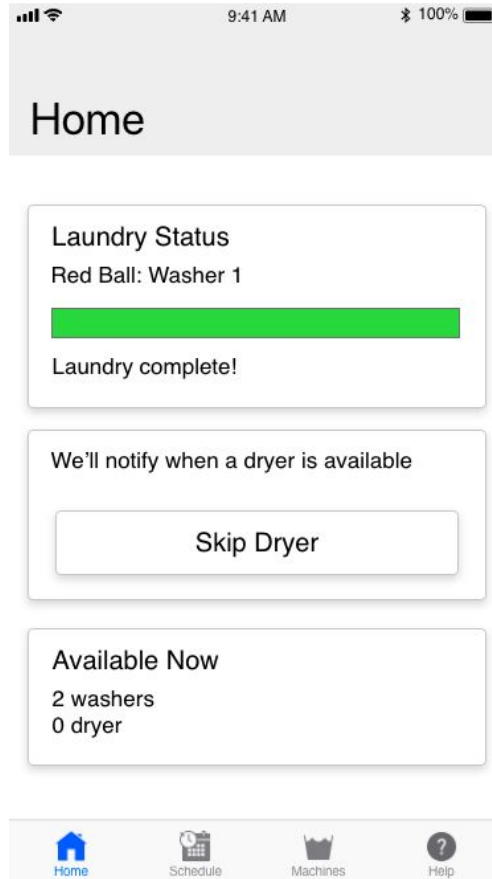
Any time during the process, the user can check on the status of the washer or dryer from the Home screen. An estimated time is provided based on the app learning how long past washer cycles tend to have taken.



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

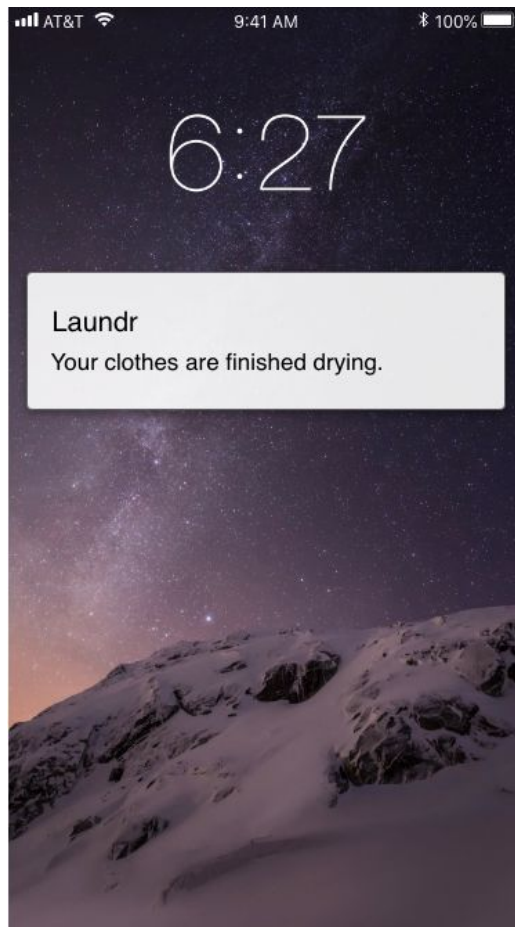
If the washer is finished but a dryer isn't yet available, the app will wait before notifying the user to transfer their clothing. An option to "skip dryer" is given in case the user prefers not to dry their clothing in a dryer. The app makes it clear that it can help with the next step (i.e. the drying) but it hasn't notified the user yet because it's waiting for availability.



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

Once the clothing is finished drying, the app notifies the user that their laundry is complete.



Assignment 3e: Digital Mockup

Team members: Atharva Naik, Emily Zhang, Hang Bui, Sam Wolfson

Revisions:

A change that we've made in our digital mockup is to take away all interactions in the "Home" screen and only use it as a centralized place to display tracking information such as Laundry Status and Available Now. Originally, users could tap on the "Laundry Status" box and it would take them to a separate "Laundry Status" screen which would show how much time is remaining for their active washer or dryer session. We felt that the transition was redundant in the digital mockup and realized that users can view all of this information from directly from the "Home" screen. To keep things consistent and for the same reasons above regarding redundancy, users will not be able tap on the "Available Now" box after this change.

We've also decided to not overlay events from the user's Calendar app to our "Add Notifications" screen. Based on one of our usability tests, we wanted to add a feature to sync the user's calendar with Laundr to make scheduling notifications more seamless without requiring them to switch between apps. However, this feature made our "Add Notifications" screen very busy as we already have information regarding machine usage overlay onto the scheduler. Thus, since it was labeled with a severity level 1, we wanted to prioritize user's experience with our primary task instead of overloading our UI with extra features.