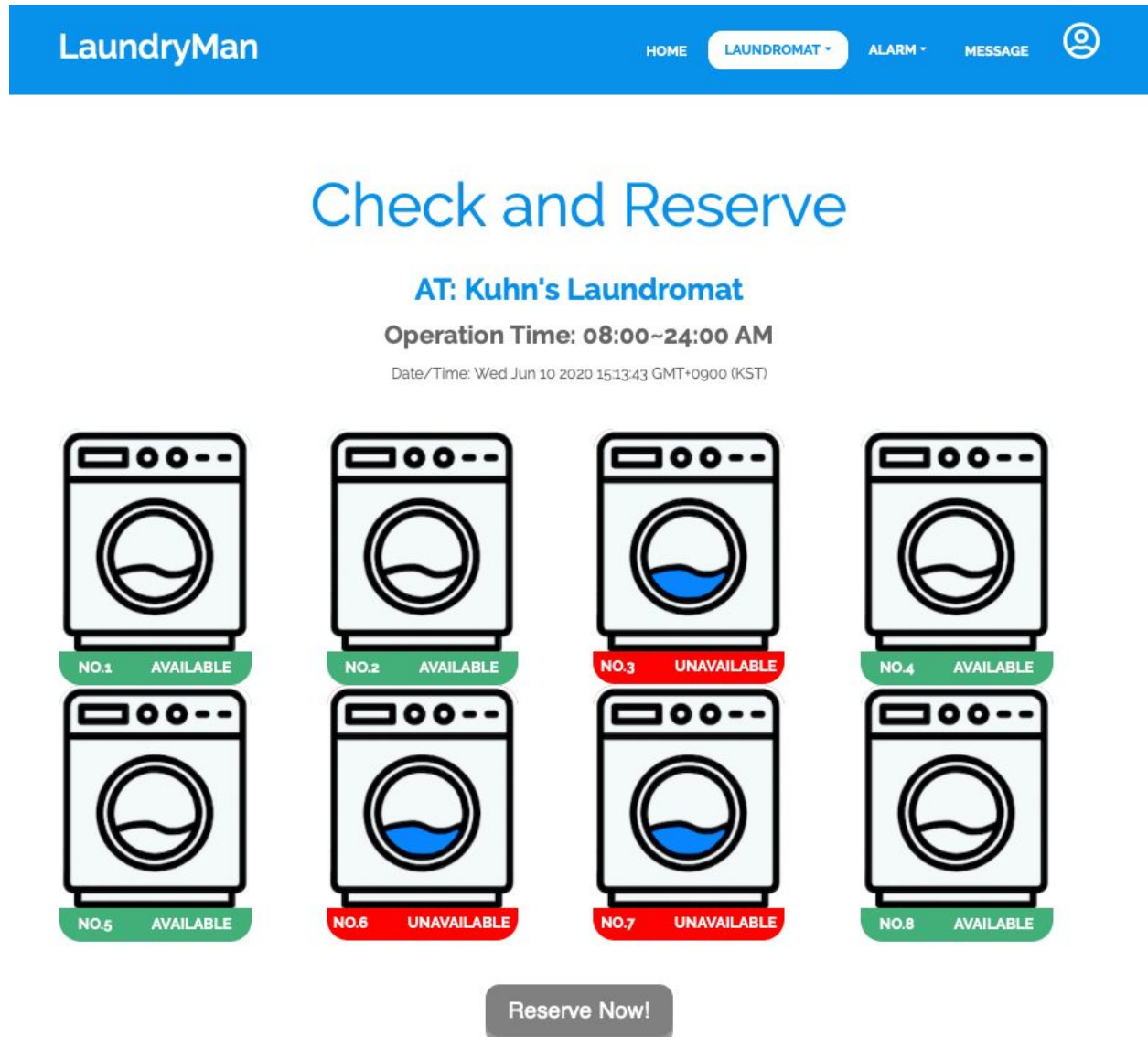


Final Report

LaundryMan by KF90



<Figure 1.1 Reservation Page>

- This page clearly shows the availability of laundry machines. We tried to focus on user-friendly design in order for users to see intuitively how many machines are available. When a user clicks an available machine, the 'Reserve Now' button will be colored differently to alert the user to reserve.



Alarm Setting

Get an alarm when your laundry is finished. Choose additional alarms before or after your laundry is finished.

When the laundry is finished

☐ OFF

Before the laundry is finished

☒ ON

before 1 minutes

After the laundry is finished

☒ ON

After 1 minutes

How should we reminder you?

☒ By Email

☐ By Text Message


Save

<Figure 1.2 Alarm Setting Page>

- This page defines the setting session where users can set their alarms when the laundry is completed. This alarm session has a number of options for users to set such as right on time, before or after the completion. Furthermore, the alarm will be sent via an email or a text message to directly let users know the finish of the laundry.



Weekly Reminder

 Day

What day should we reminder you?

MON

TUE

WED


THU


FRI

SAT

SUN

Next >

 Time

 How

<Figure 1.3 Weekly Reminder Page>

- This page is a weekly reminder page that clearly sends a reminder weekly to alert users to know the potential day of doing laundries. If a user kindly selects the categories such as day, time, and how, it will automatically send out the reminder weekly so that users can realize easily.

Changes since Iterative Prototype 1

What is different from the Iterative Prototype 1 assignment is that our primary tasks have gotten more features to expressively attract users in design and functionalities. To be more specific, each part has been improved by adding pages for users to be convenient in using our website. For example, in the Laundromat page, the page that shows the remaining time of the laundry machine is added so that users can easily know how much time is left for their laundry. In the Alarm page, the function that sends emails to users who set their alarms is created, so now users can be alarmed by emails as they customized their alarm before or after the laundry is finished. Lastly, we have created the Profile page that shows an account, reservation status, laundry history, and setting for user-friendly design to kindly let them use our website on their own preference.

The changes were made by the user testing as well, from students and other professors, that for the reservation page, originally the unavailable machines were shaking to show they were working even with the text fields, however, we made the change not to shake the text since it is a bit hard for some users to see. Furthermore, instead of shaking it always, we received feedback that it would be quite distracting if every machine is shaking, so we decided to have the effect when the machines are hovered. For the account page, we got comments that this website should have a personal page that needs to be logged in and every user can set their own alarms and reminders and also be able to change the settings freely.

Quality Arguments

Quality Arguments: On top of all the arguments we will be presenting, our website is designed to help and support people who are open to laundry machines. We initially designed this website to have the target users as single households or university students, however, we can also think in a different way that this website can be used by all people in every generation. I assume this would be one of the biggest advantages that we welcome everyone who would like to use our website whenever they want to reserve and check laundry machines no matter where they are.

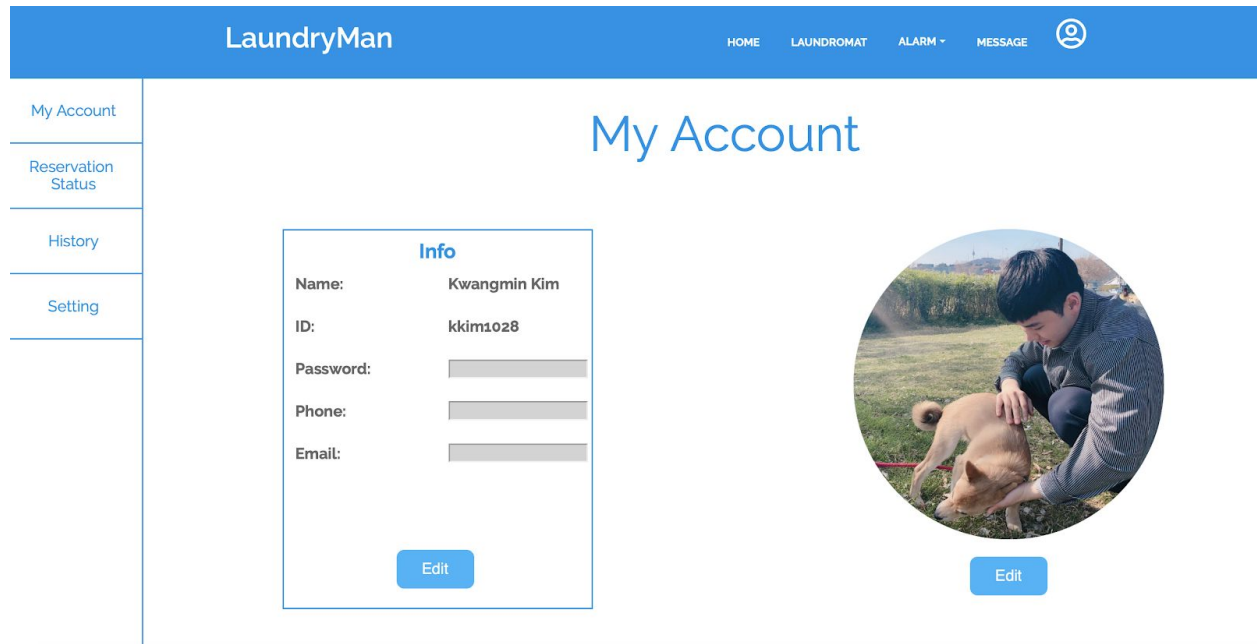
For one of the primary tasks, we created our website to be visually appealing to users. We kindly separated the machines color and effect depending on the availability such as available machines with green color and unavailable machines with red color with shaking effect when hovered. With a simple touch of drawing for unavailable machines, we also drew water in the machine to attract the user's attention on the first page. We have also received comments that we originally made unavailable machines to be shaky at all times, but it may be distracting users if the machines are all full and shaking. Therefore we changed it to be shaking when hovered. Furthermore, one of the most important functions would be showing the remaining time of the laundry. We made it by showing the remaining time on top center, to be seen

straightforward and a small addition with a progress bar at the bottom. We tried to use semantic UI to better look in components, so instead of using normal css styles or buttons, we tried to look awesome in every component of our website.

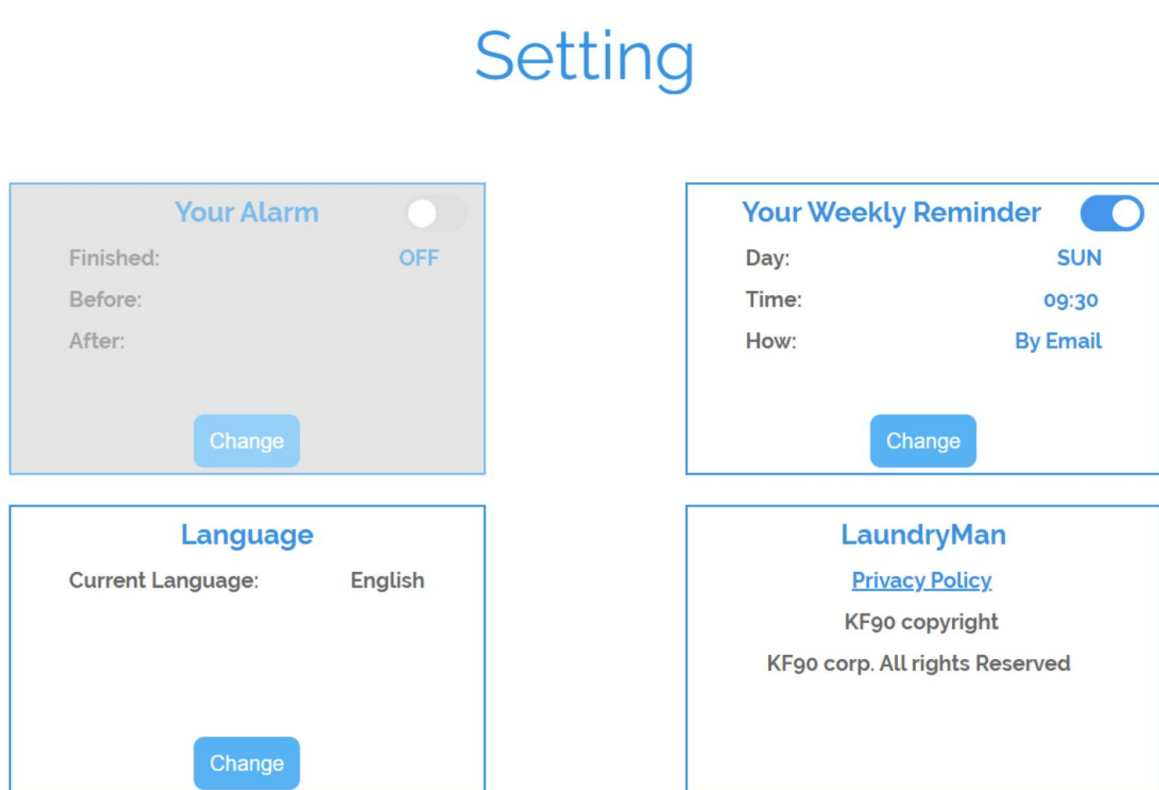


<Figure 1.4 Remaining Time Page>

Second, we have kindly added a page for My account as users can change and customize their settings within the page. This page not only shows the current status of the laundry machine that a user is using, but also they can change their profile pictures and all different kinds of settings, for example, they can change their alarms, weekly reminder, and the language with their own preference. Users can on or off the alarm and change in the setting page all in one. We also created a each button on every section for users to save their information separately.

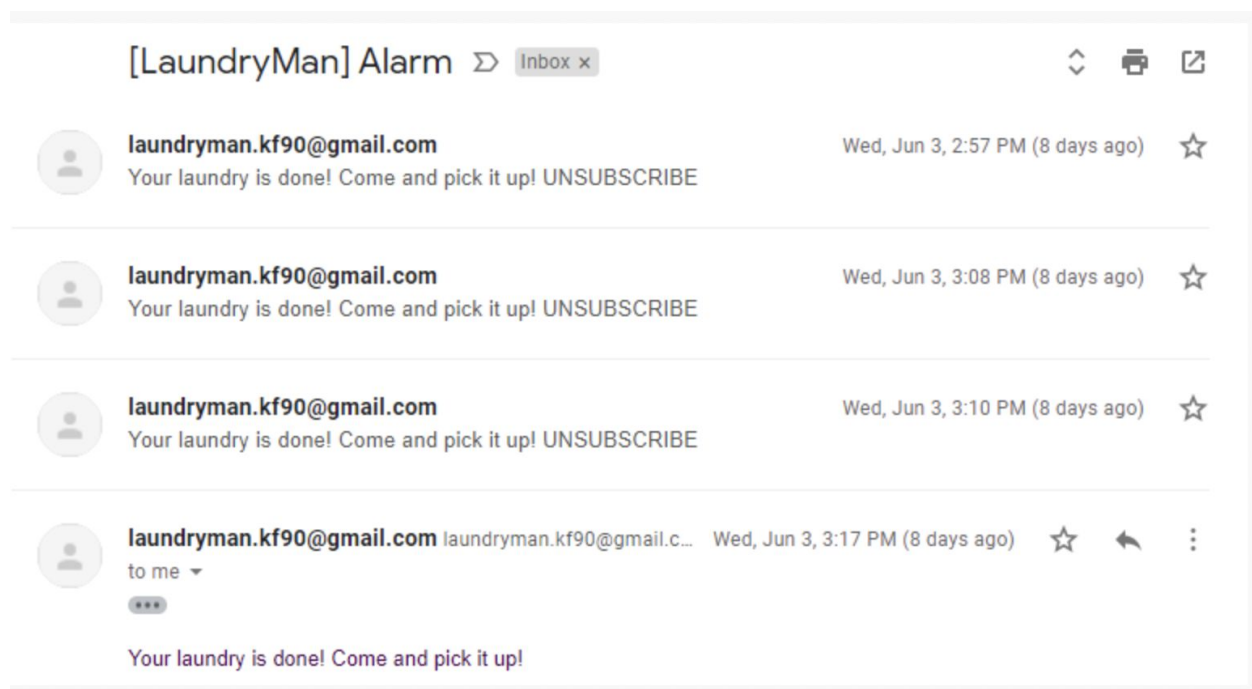


<Figure 1.5 Account Page>



<Figure 1.6 Setting Page>

Third, for the alarm message, we actually implemented our backend server to send alarm emails to users for the completion of the laundry. When it is said to be logged in, we can derive their email information and send it to the person automatically if a user allows the reminder alarm. This is one of the awesome features we have that users can actually receive emails from the website. With this feature, we are sure that people will not miss the finish time and they will become available to take their laundry away on time which makes everyone happy because there were some cases from users that had a hard time when there were laundries not taken right after laundries were finished.



<Figure 1.7 Email Notification System>

By using our website, I am sure people who have tried to use laundry machines had some kind of problem using the laundry machines in different ways. People may have some difficulties because they do not know what time the laundry is going to be done, or if they have to visit a local laundromat, they are not sure how many available machines are there. Furthermore, even though they succeeded in doing the laundry, they may want to know what time it would be done, and even want to get an alarm without thinking about it. Our website gives users options to select a certain date for users to do their laundry, weekly, but also it gives users alarm messages to help them notify them of the progress of their laundry. All the essential functions are all here in our website with fabulous design of each component. Users will have

fun to take a look at our website, and surely give help to use and support in their daily life saving their time, energy and giving a joy.