

# Laundry Website

25<sup>th</sup> May 2021

## OVERVIEW

These are the system requirements for a laundry room reservation system. ABC Apartments have 25 units, the tenants of this building need to do their laundry. However, there is only one laundry machine. Therefore, every tenant must submit a reservation to use the laundry room. Sean Joyce is the current administrator of the old system and he needs a new system that will automate many of the old system's manual tasks.

## SPECIFICATIONS

### Input

- The user must input their username and password to access the system.
- The user can reserve a time slot; each reservation is 3 hours long. There are a total of 8 slots per day.
- When reserving a time slot, the user must write in a nickname to identify the user.

### Output

- After a user selects a time slot, the system displays the date and time for that appointment.
- A Login page, landing page, and password/username recovery page.
- The color scheme for the landing page changes every week.
- Confirmation of scheduled appointment.
- Warning that the user is cancelling an appointment before confirming cancellation.

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## Process

- The system should automatically make the next week's reservation slots available. This happens every Sunday at midnight.
- The system stores the reservation the user made. Reservations cannot be changed 15 minutes before the actual event.
- The user should have a way to recover their password and or username.

## Performance

- System must support 25 user accounts plus 1 administrator account.
- System must not allow multiple appointments to the schedule.
- Each household can only have one account.
- Time slots that have been already selected by other users should not be available for selection.

## Control

- The weekly schedule should not allow unknown users to view and make appointments
- The admin should have a special login where they can see which users reserved what time slot.
- The admin should have the power to change login details when a new tenant moves into the building or out of the building.