

Drip 'n Dash



Team 10:

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Presentation Roadmap

1. UC0: Customer/Dasher: Login and Registration
2. UC1: Customer: Submit a laundry request
3. UC2: Dasher: Accept a laundry request
4. UC3: Customer: See detailed status of request
5. UC4: Dasher: Update status of request
6. UC5: Dasher: Update cost information of customer's request
7. UC6: Customer: Write review and rating for a Dasher
8. UC7: Customer: Cancel a request after submitting it
9. UC8: Customer/Dasher: See information about their past requests/jobs



Background

- Dashin' was created to facilitate the laundry process undergone in university dorms.
- For many students, college life entails a sizeable amount of hard work.
- Additionally, many students also partake in at least one or more extracurricular activities.
 - Some chores can become a burden, such as doing laundry.
- Some jobs can have a high barrier of entry and non-flexible schedules- Dashin' can facilitate with this so that students can simple job that can allow them to make money so that students can pay for their expenses.



Who is it for?

- Students who do not have an adequate amount of time to do their own laundry
- Students in need of an on campus job
- Students who wish to gain quality life experience in how laundry is handled
 - Learning how to handle different types of fabrics
 - Understanding how long certain fabrics take in either washer/dryer



Tech Stack

- Server
 - Firebase is used as the server.
 - It is cloud base to make sure that our application never goes down even through maintenance.
- Programming Languages
 - Swift for iOS
- GUI (front end)
 - An user interface was developed to allow users to access the functions in the application and receive data from the server.
- Database
 - Firestore is the database of choice since it is a realtime database.
 - Being a realtime database allows the server and users to get up to data information

Features

- As a Customer
 - Post a laundry job (with specific details on size, wash specifications, etc)
 - Track live status of submitted laundry requests
 - Review dashers (give text and numerical reviews)
 - View history of current/past jobs
- As a Dasher
 - Choose laundry job(s) to work on
 - Post live status of laundry jobs (update based on finished tasks)
 - View history of current/past jobs

