



CLEAN STREAM
LAUNDRY SOLUTIONS

Team Members

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Client

- Clean Stream Laundry Solutions
- Contact: Jake King



Funny slide

Me when I'm trying to use Speed Queen



Business Requirement

Using Technology to manage laundry tasks efficiently as well as making everyday chores more convenient and rewarding.



Use Cases

UC1 - Check machine availability

UC2 - Reload loyalty card

UC3 - Use NFC to start machines

UC4 - See locations on a map

UC5 - Get notified when my cycle ends

UC6 -Track transaction history

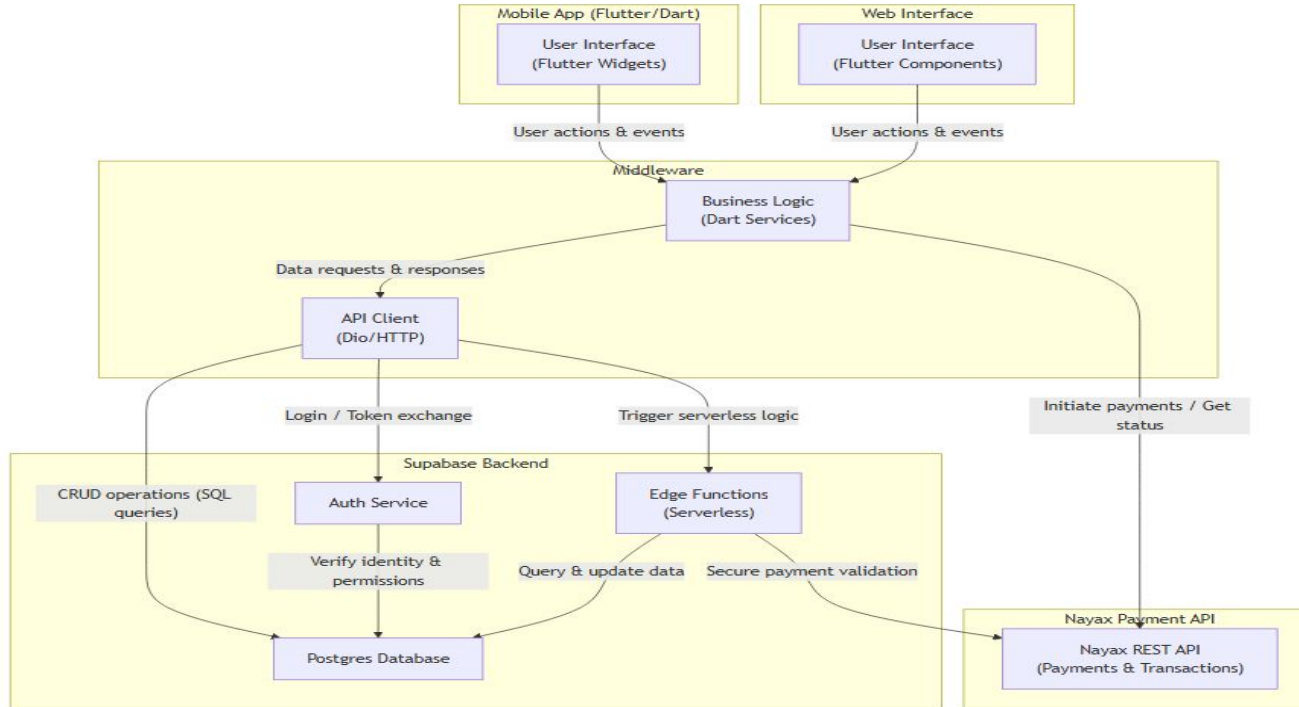
UC7 - Ability to unlock doors for afterhours use



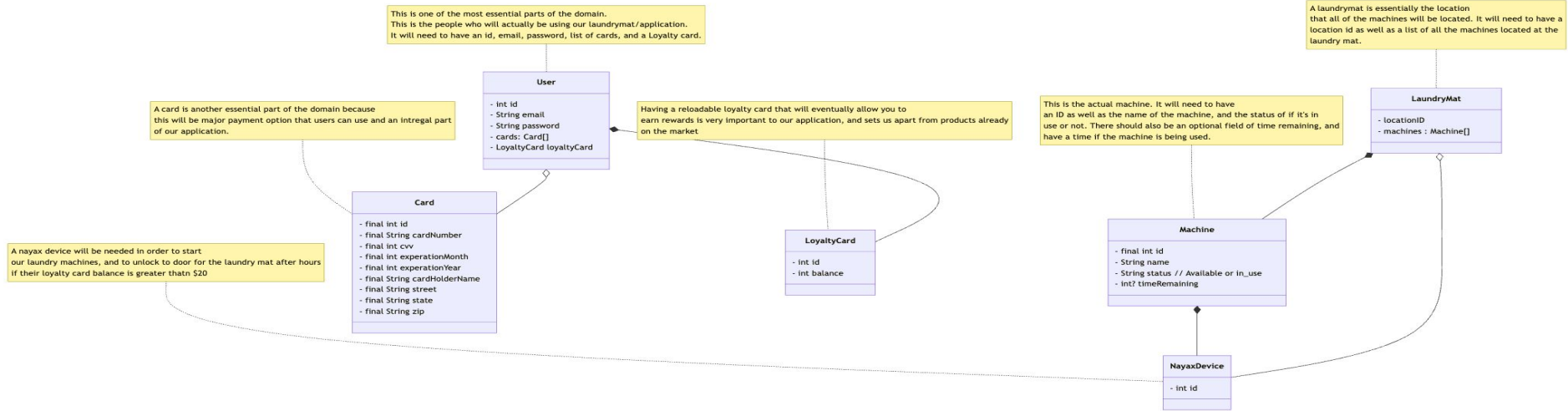
Requirements



Architecture



Domain Model



Tech Stack



Flutter



Android Studio



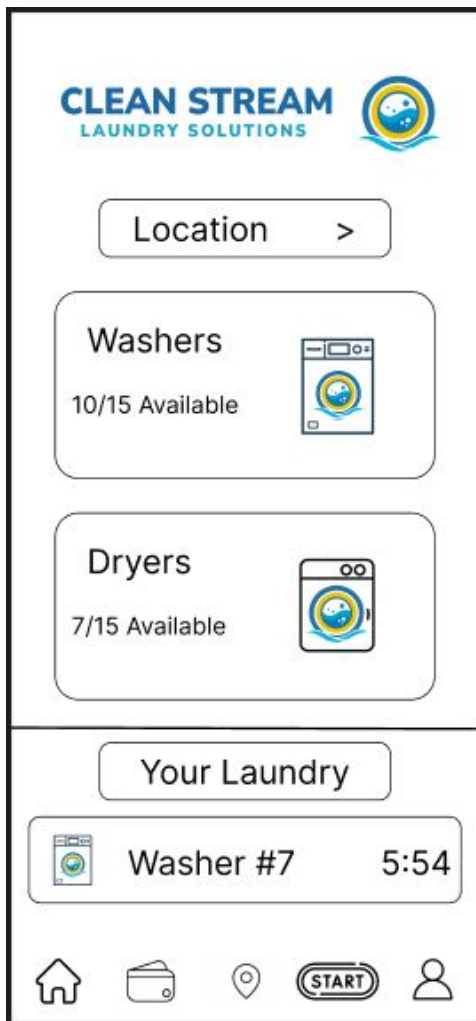
Dart



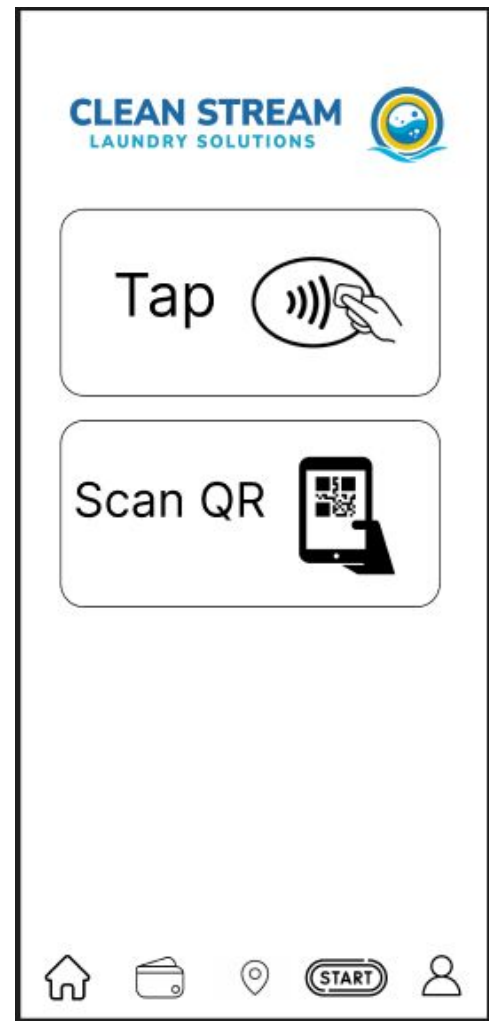
Nayax



supabase



Prototype



First Iteration Features

- User can create an account
- User can add money to loyalty card
- User can initiate transaction using NFC
- User can check balance on loyalty card

Client Feedback

- Prototype
 - Doesn't want to see machines listed
 - Wants the menu bar to be opaque
- Business requirements were too vague, needed to be more to the point
- Use cases needed to be phrased better