

Pillbox

Keep Your Pills Managed

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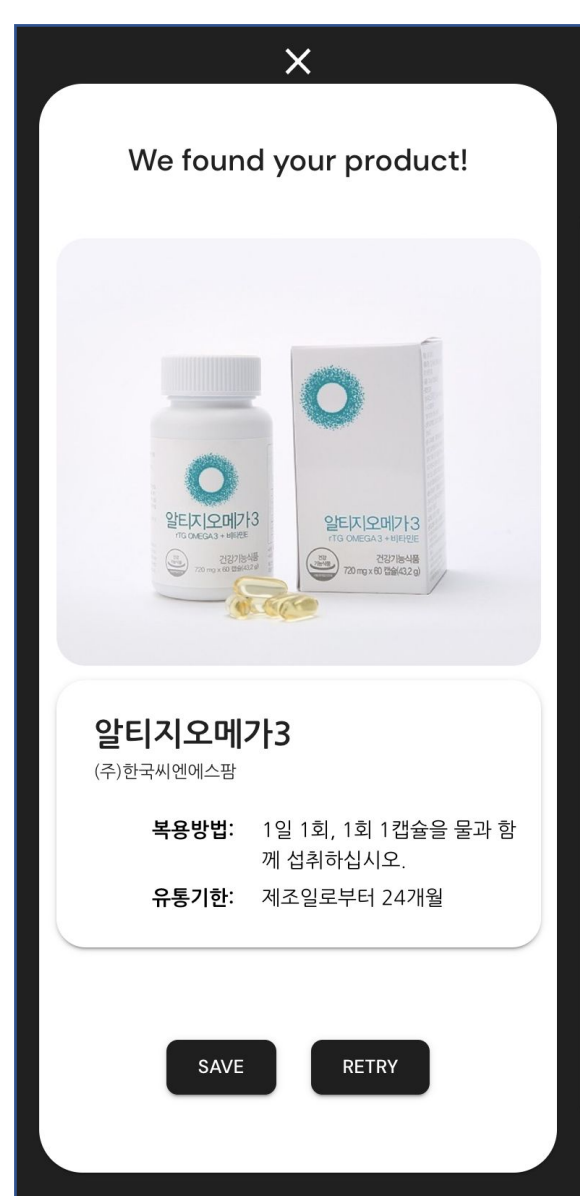
SWPP 2019 – Team 7

Introduction

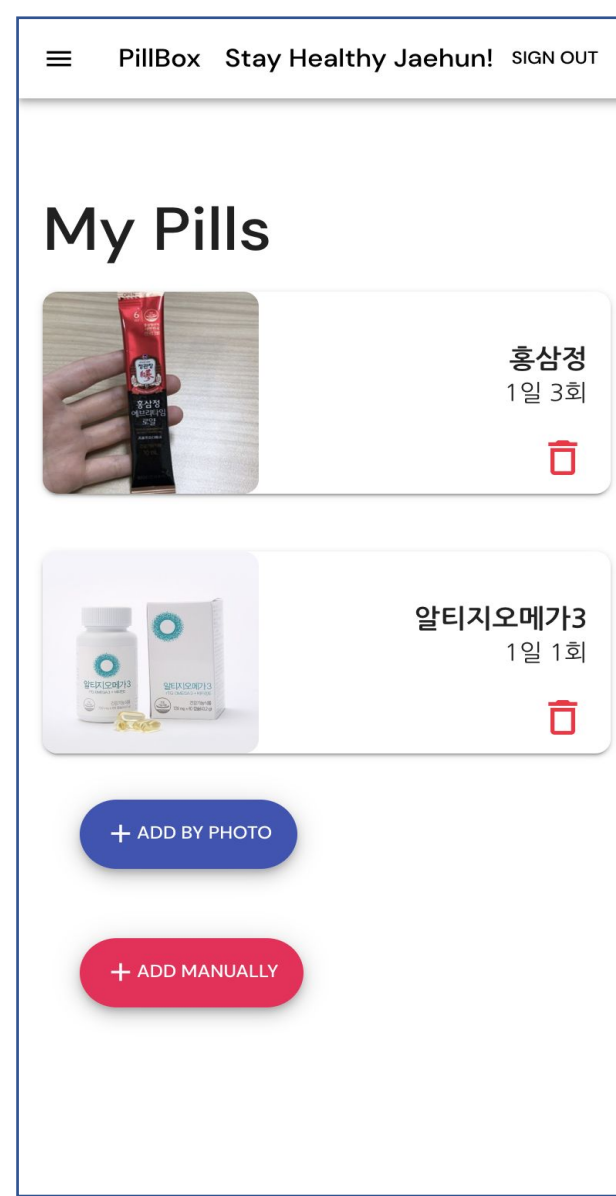
PillBox is a health supplement management application that helps people manage their supplements. We provide automatic label parsing and product fetching through Google Cloud Vision API with only one picture of a pill. Notifications are sent through Google Firebase and Telegram Service Workers.

User Story & UI

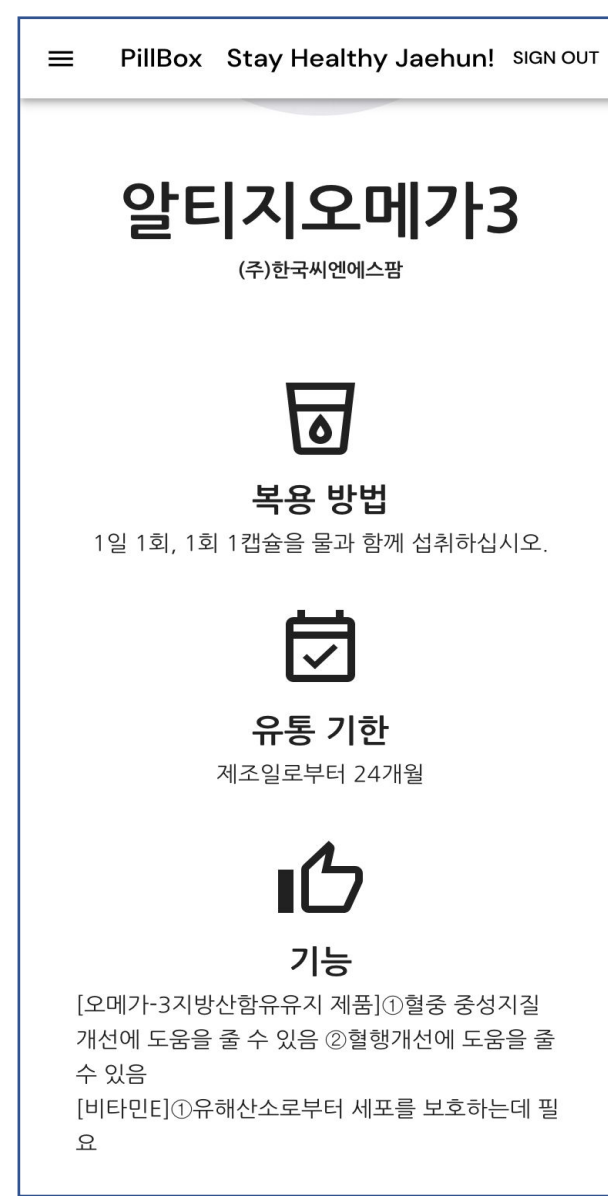
Register Pills



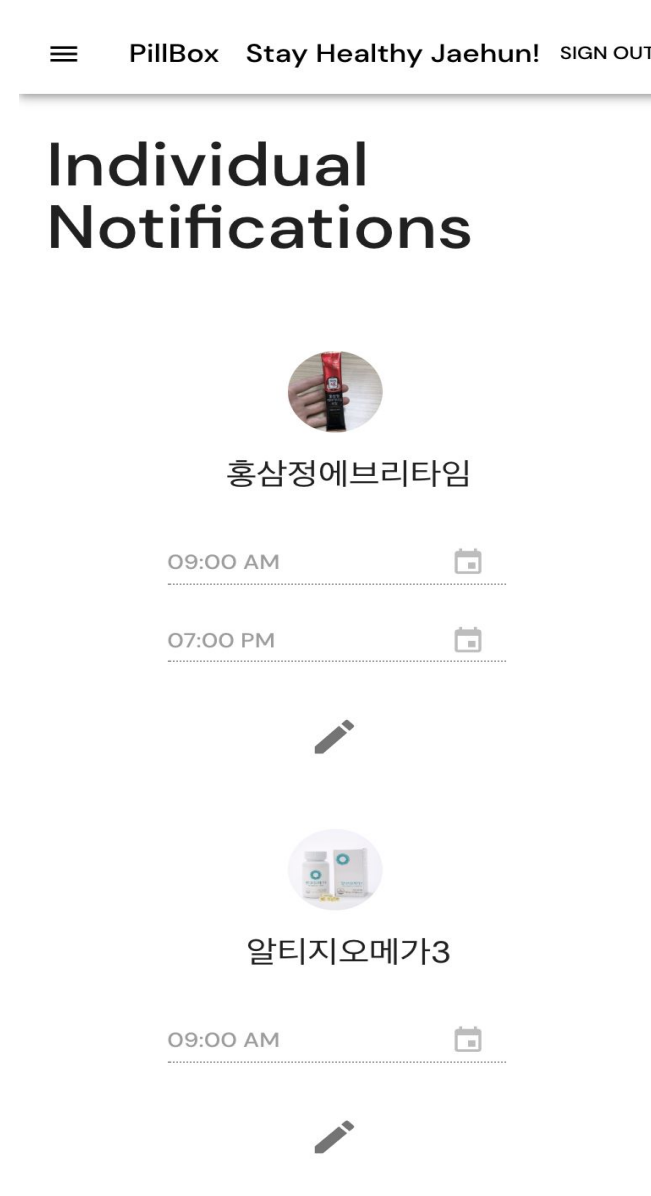
Manage Pills



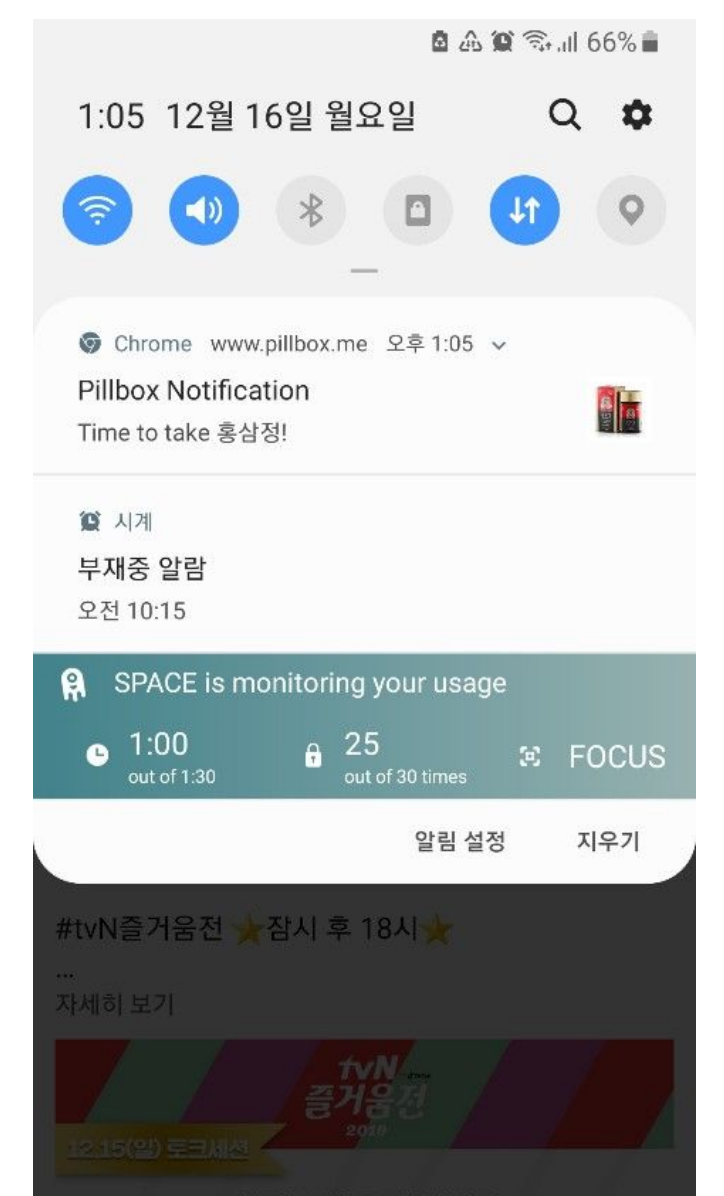
Check Pill Detail



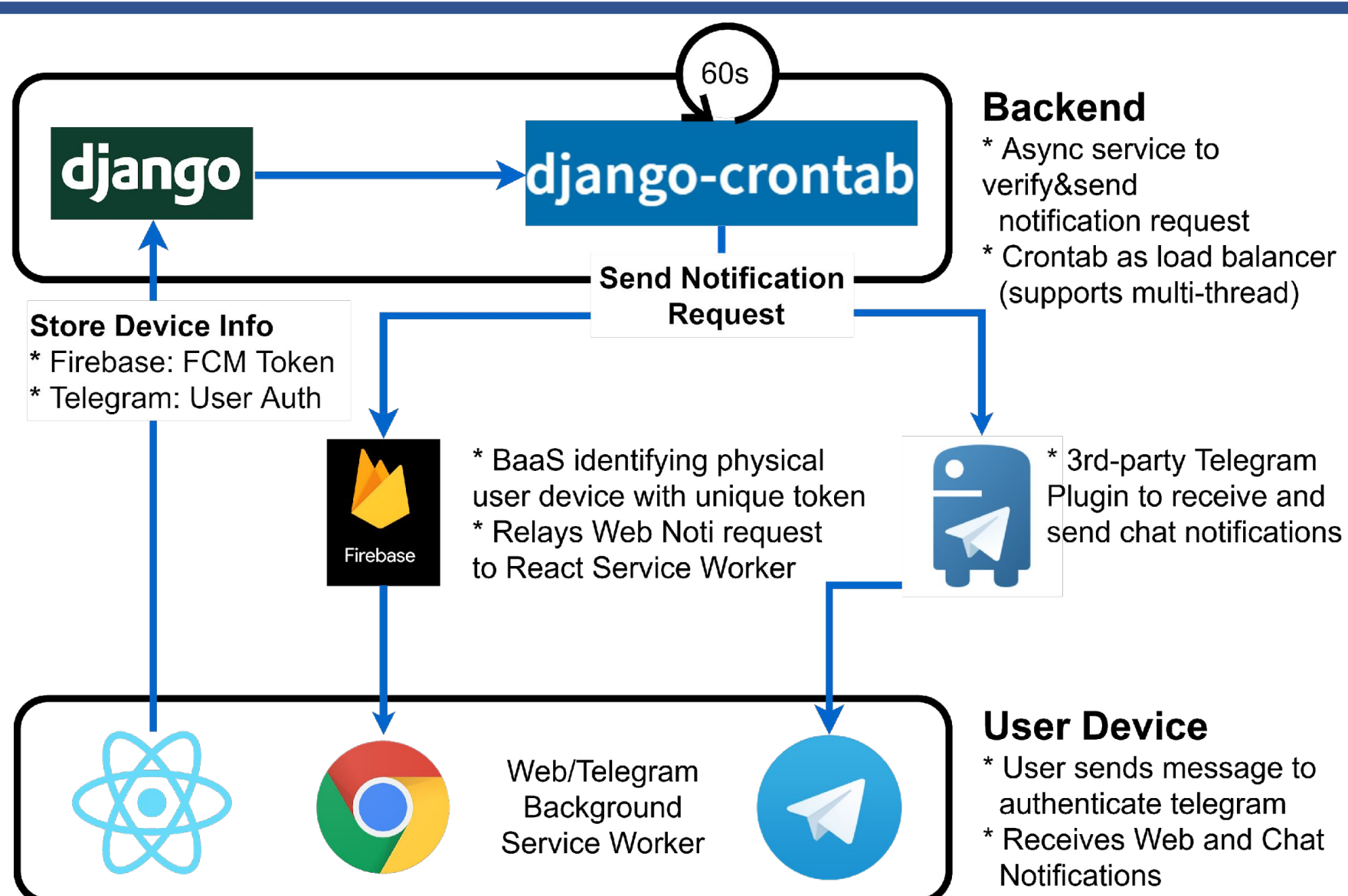
Set Notifications



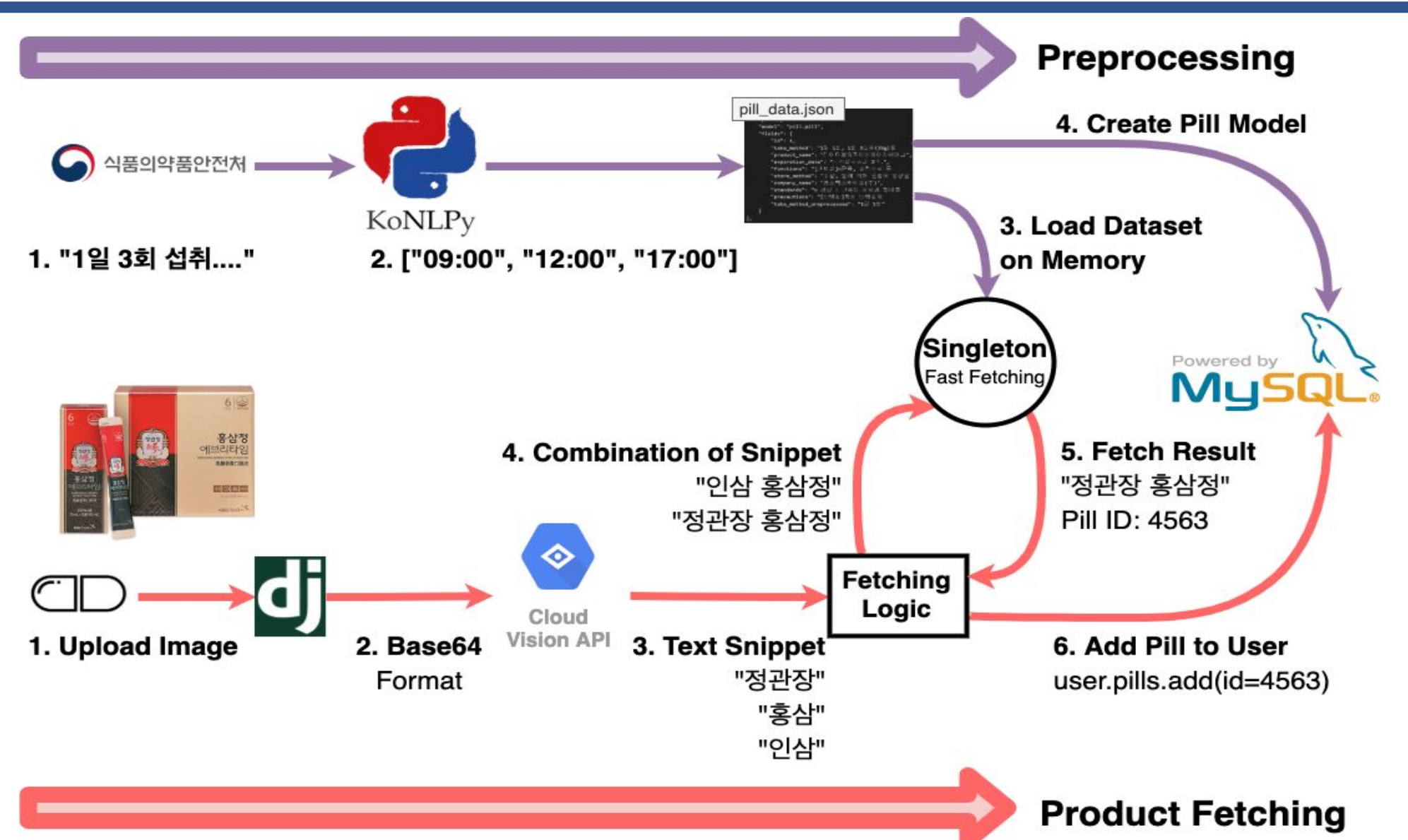
Get Notified!



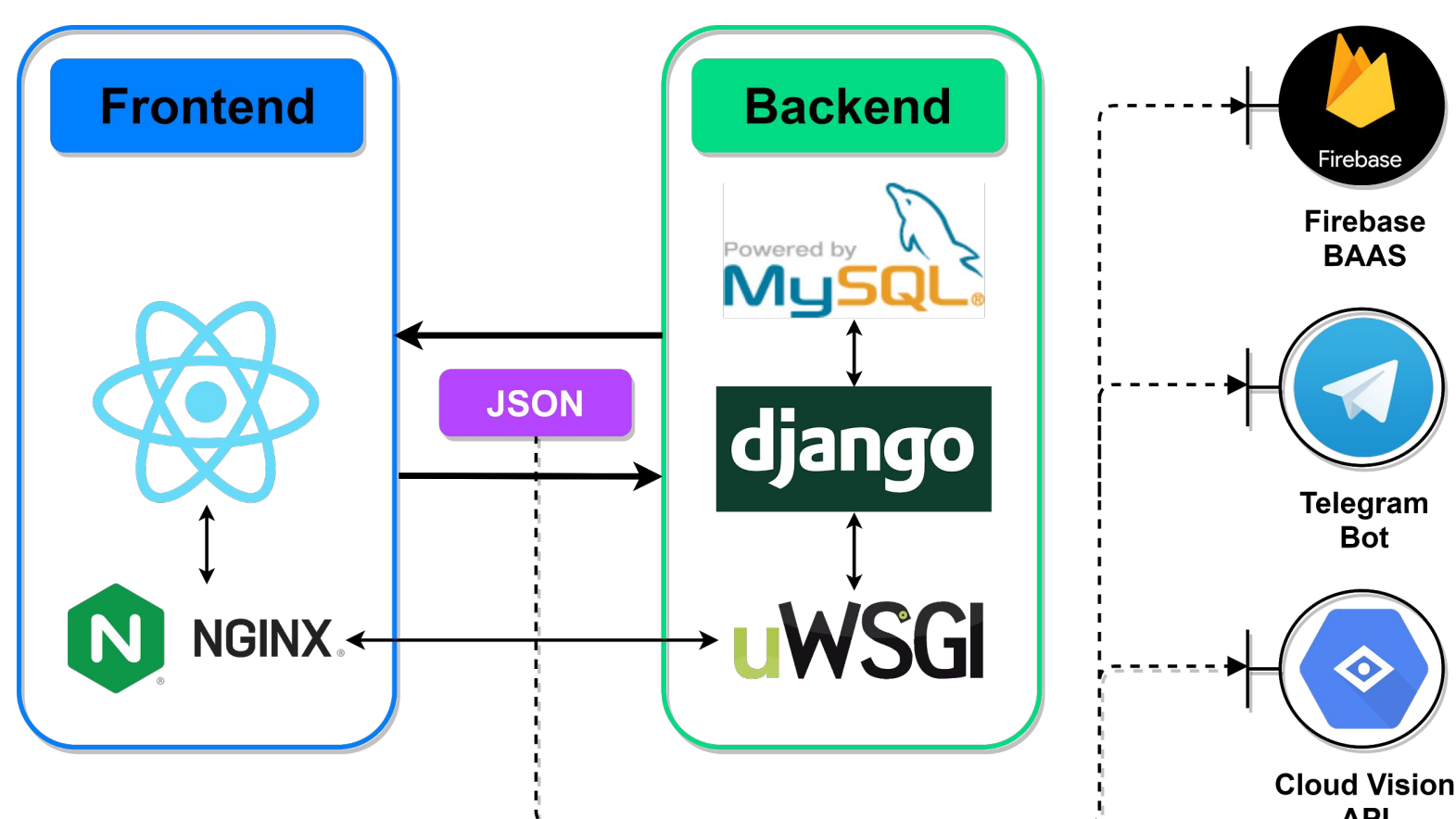
Notification Pipeline



Pill Data Processing



System Architecture



Conclusion & Future Work

Pillbox provides an automated and versatile solution to keep one's pills managed.

Future Work

1. Make product-fetching more robust
2. Provide product-recommendation feature
3. Expand to other fields as cosmetics or food