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Placenet



Summary of Project

- Mobile application designed to streamline property management & encourage homeowners and tenants to take proactive care of their homes

GOAL

- Simplify property management and empower users to improve and maintain their properties effortlessly

Client

Kazem Namazi

- Architect based in Indianapolis
- Entrepreneur & Creator of Placenet



Mentor Feedback

- Likes what we have for this iteration
- Appreciated the modularity changes
- Liked our plans for a map feature



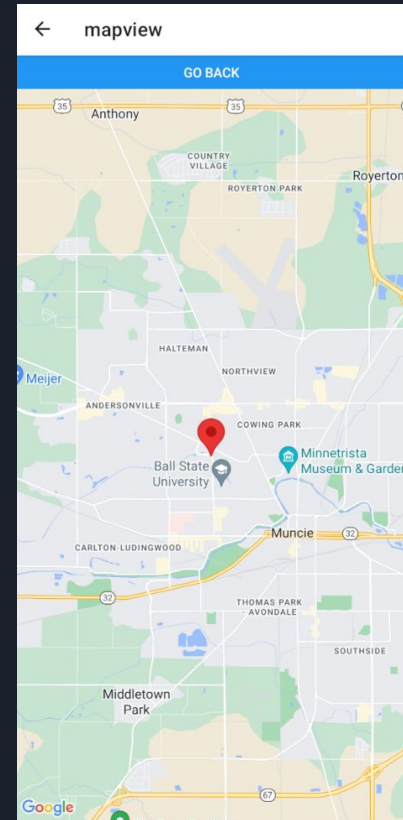
Client Feedback

- Said the software was good enough to demo to customers, wants an apk.
- He was “amazed” after his hands-on demo with the software.
- Feedback of note includes:
 - UI improvements.
 - Autofill/verification for addresses.
 - New cost, contractor, and start date fields for projects.
 - Add image support for documents.
 - Expand map feature (neighboring properties in the database).
 - Settings page
 - Potential admin page (low priority).

Iteration 4 Features

Map View

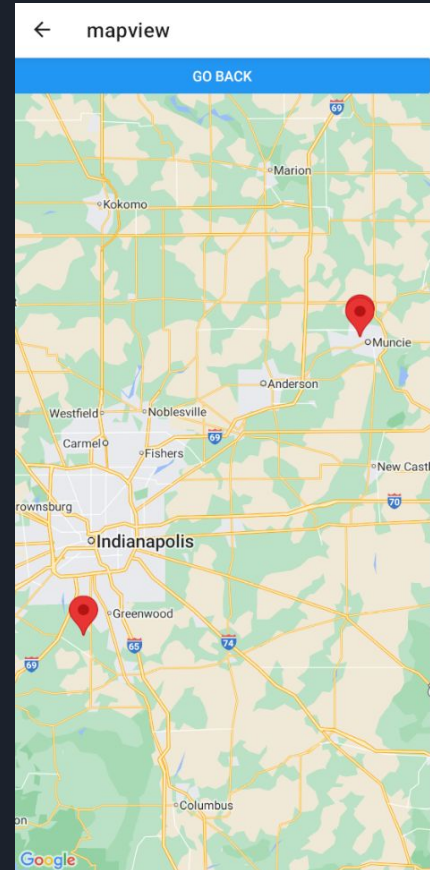
View the location of properties individually.



Iteration 4 Features

Map View

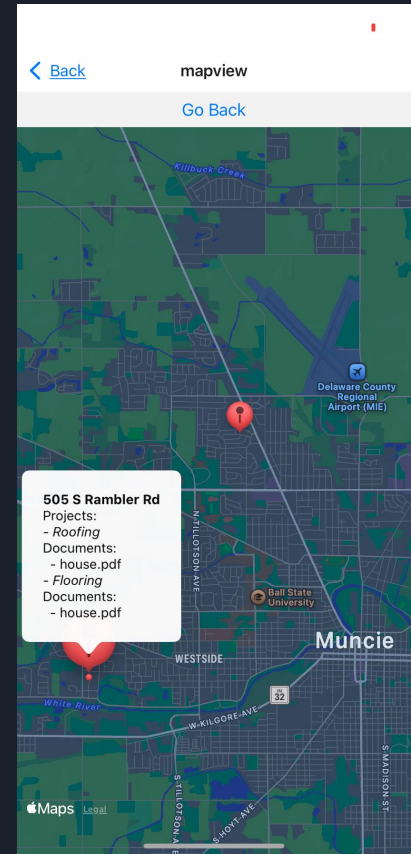
Or all at once!



Iteration 4 Features

Map View

Displays relevant project & document information on map marker





Iteration 4 Features

Map View

BR1: Improve property care for homeowners and tenants by encouraging proactive care of their homes, strengthening transparent housing.

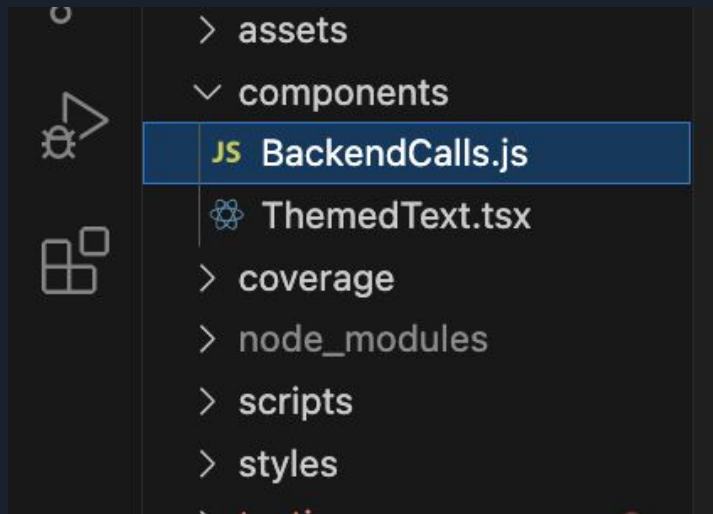
This new feature connects to the Business Requirement because it allows for users to more easily manage and see their own projects.



Iteration 4 Changes

Firestore Modularity

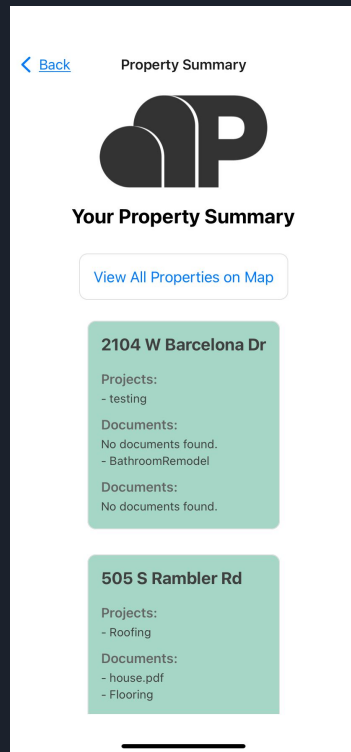
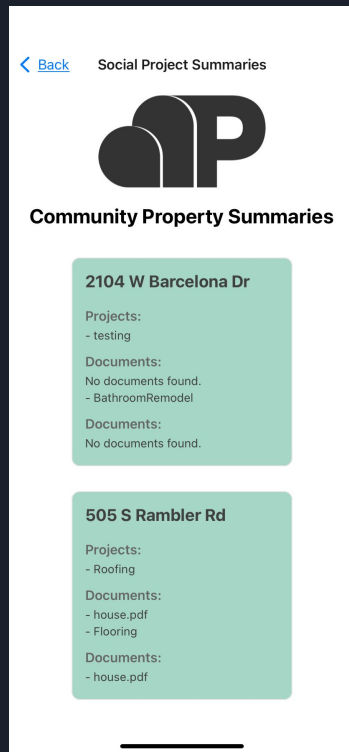
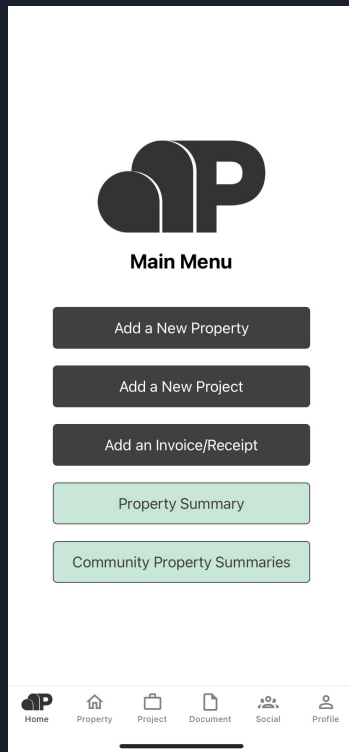
All firestore calls have been moved to a single script with multiple methods for cleaner code and easier testing.



Iteration 4 Changes

UI Changes

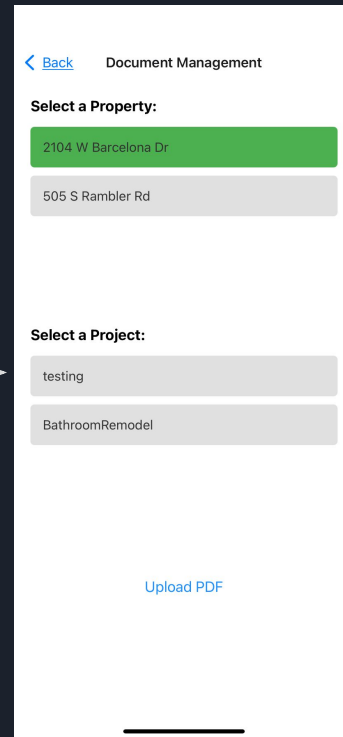
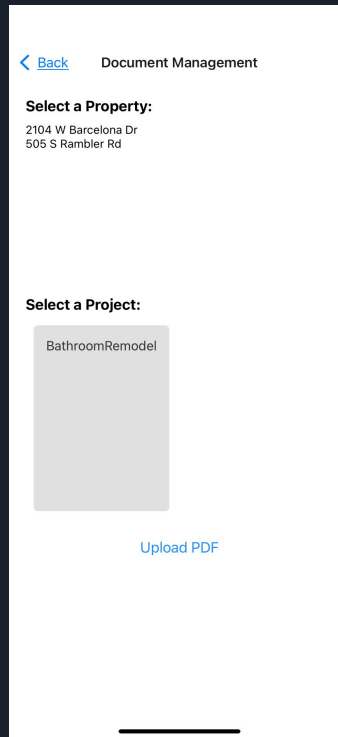
- Added Brand Colors



Iteration 4 Changes

UI Changes

- Fixed display issued in Documents Page for UI consistency





Iteration 4 Changes

Testing Coverage

Our testing coverage has been significantly increased, with it now being above the 70% requirement.

```
===== Coverage summary =====  
Statements   : 71.64% ( 336/469 )  
Branches     : 49% ( 74/151 )  
Functions    : 81.3% ( 100/123 )  
Lines        : 72.88% ( 328/450 )  
=====
```



Iteration 5 Features

- UI Improvements
- New Filter feature for Properties, Projects, and Documents (including new fields/attributes for projects)
- Expanded Map View
- Add image support for Documents
- Address autofill and verification for Properties
- Settings page for profile info and logging out



Teamwork

Map Feature: William, Angeles, Devlin

Modularity Changes: William

Testing Coverage: Ethan, Shaun



Gracias