

Cash Doctor Mobile Application 3.0

577A

Team 12

The Team

Steven : Project Manager

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Alisha :Life cycle planner

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Client Name: Rob Stehlin

Project Description

Empowering consumers with the cost and quality of care by sharing pricing and review information of healthcare costs.

Requirements

- *An industry consumer can manually enter price information for sharing.*
- System should be able to support at least 1000 simultaneous users.
- System should run on iPhone, Android, and Windows phone.
- System should be accurate within a 5 mile radius at a 90% confidence interval.
- System must be appealing to the target consumer (80% female).
- The system must be easy to use and intuitive by all users.

Requirements

- As a consumer I can compare healthcare prices.
- As a consumer I can create a review of a provider.
- *As a consumer I can create a private network and join existing networks.*
- As a consumer I can access my existing account by user ID and password, I can view my existing dashboard.
- As a consumer I can register as a user.
- The system shall integrates with the existing database at Cash Doc.
- A consumer can search for healthcare pricing, provider by location, price, code, specialty.

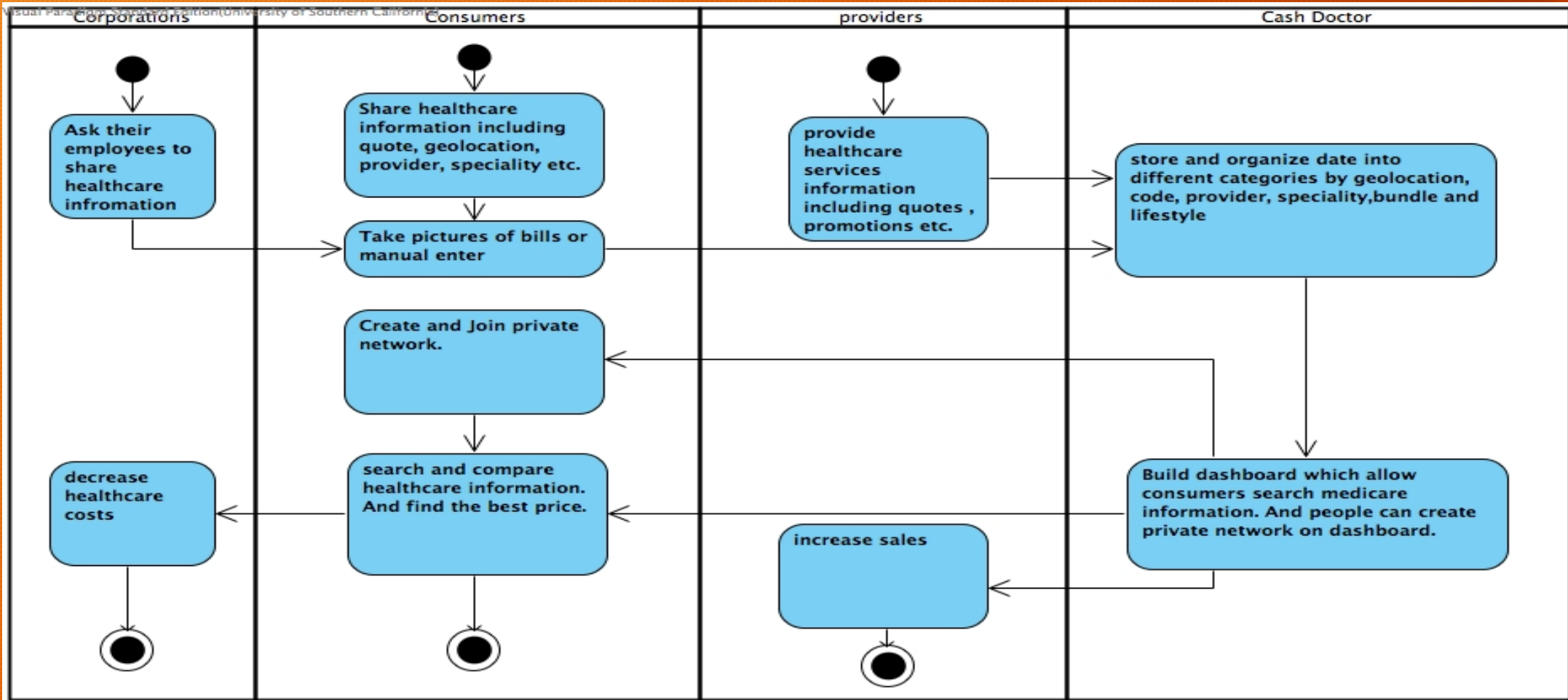
Requirements

- As a provider I am able to push content to users that is unique to their personal profile.
- As a user, I am able to create a health profile that will attach profile specific offers from providers.
- As a user I gain access to features when I share health care pricing
- As a user I can subscribe to notifications so that I have access to relevant up-to-date information.
- *As a provider I can send offerings to users that are connected to my network so that I drive volume and increase sales.*

Requirements

- As a user I can filter notifications I Want to receive relating to the location, price, code, specialty, and provider.
- As a user I can find my current location so that I can access relevant providers in and around area (some mile radius).
- As a provider I can share pricing, offerings, and other content so that I can drive traffic and increase sales.
- *As a corporation I can see my employees and the prices they've shared so that can encourage participation.*
- As a consumer I can rate a provider.

Workflow

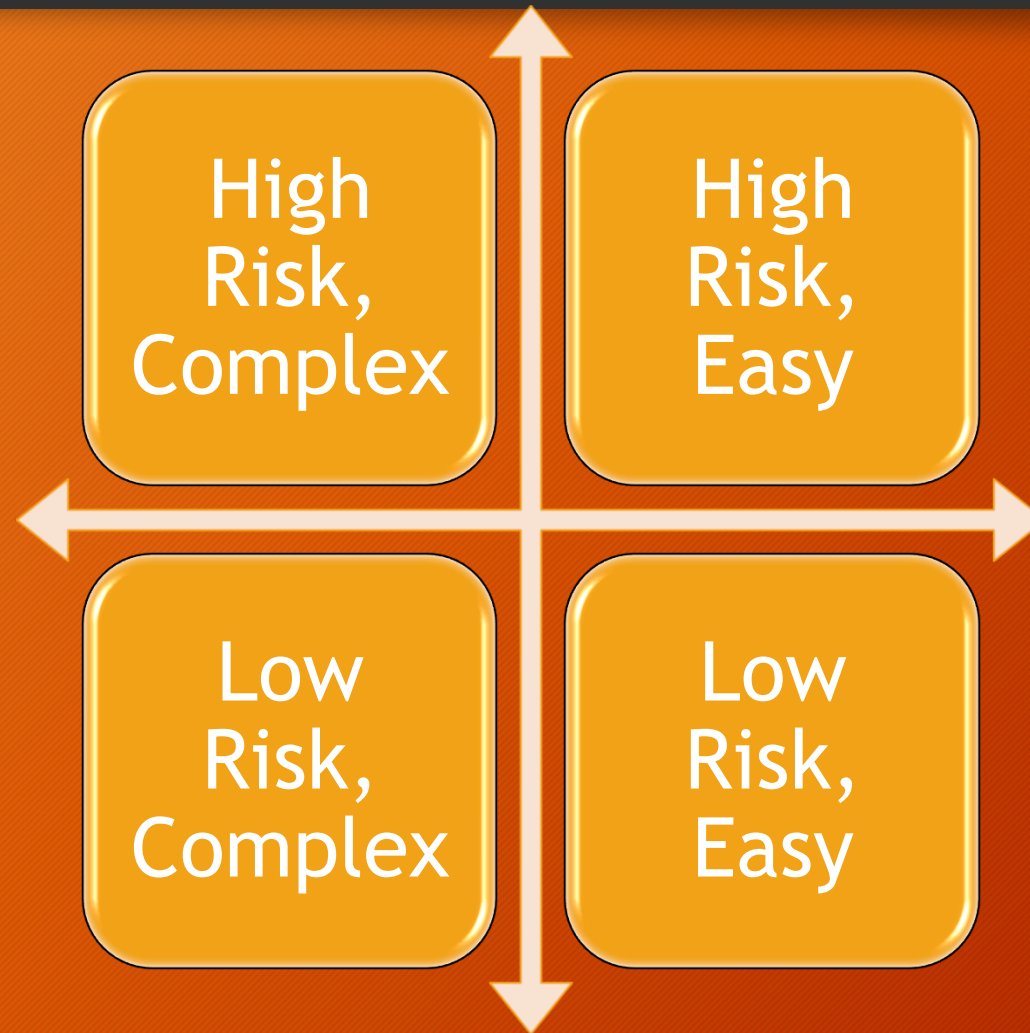


Motivation

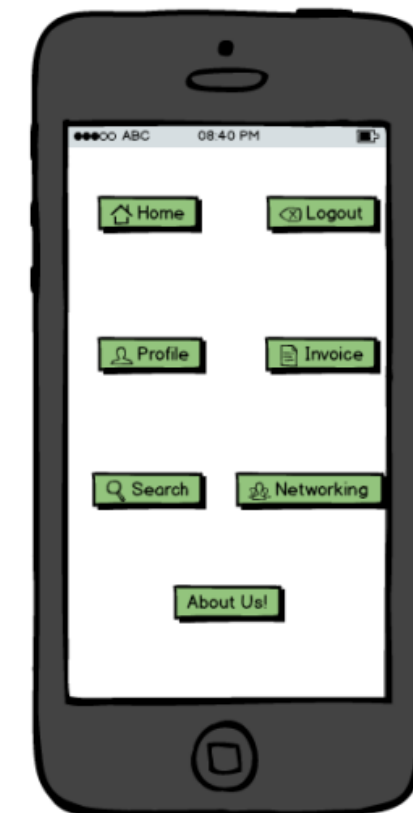
Win Book prioritization helped us TO conclude our motivation for picking OCR as our prototype because of the following reasons:

- Highest penalty identified for OCR failure
- High business value Win conditions
- High Value MMF

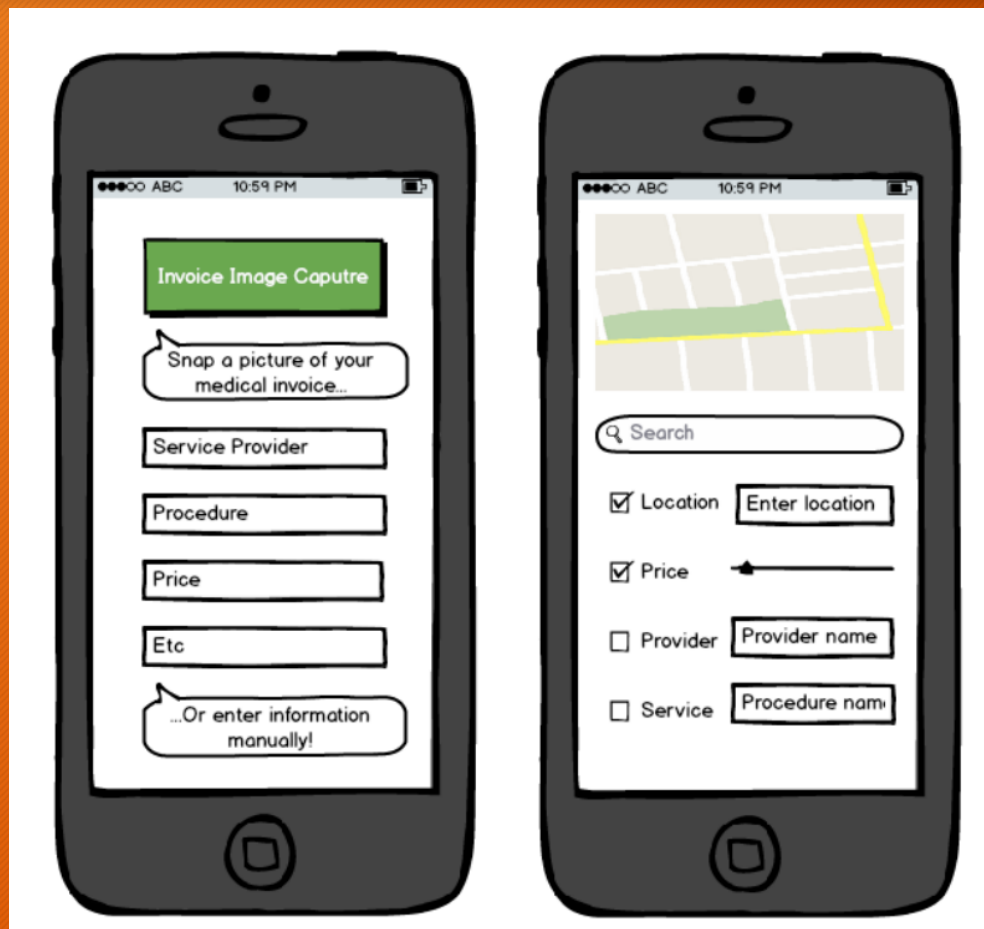
Where it lies



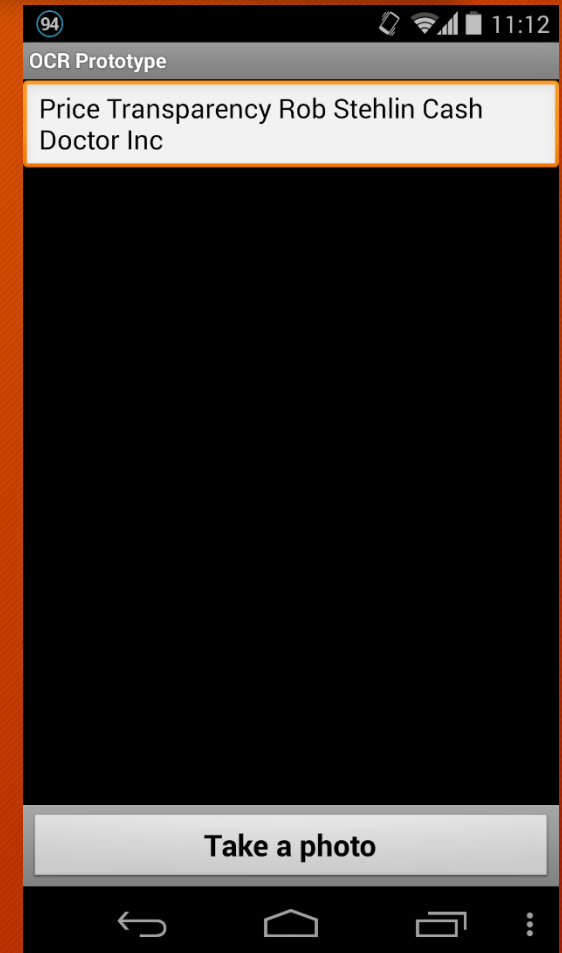
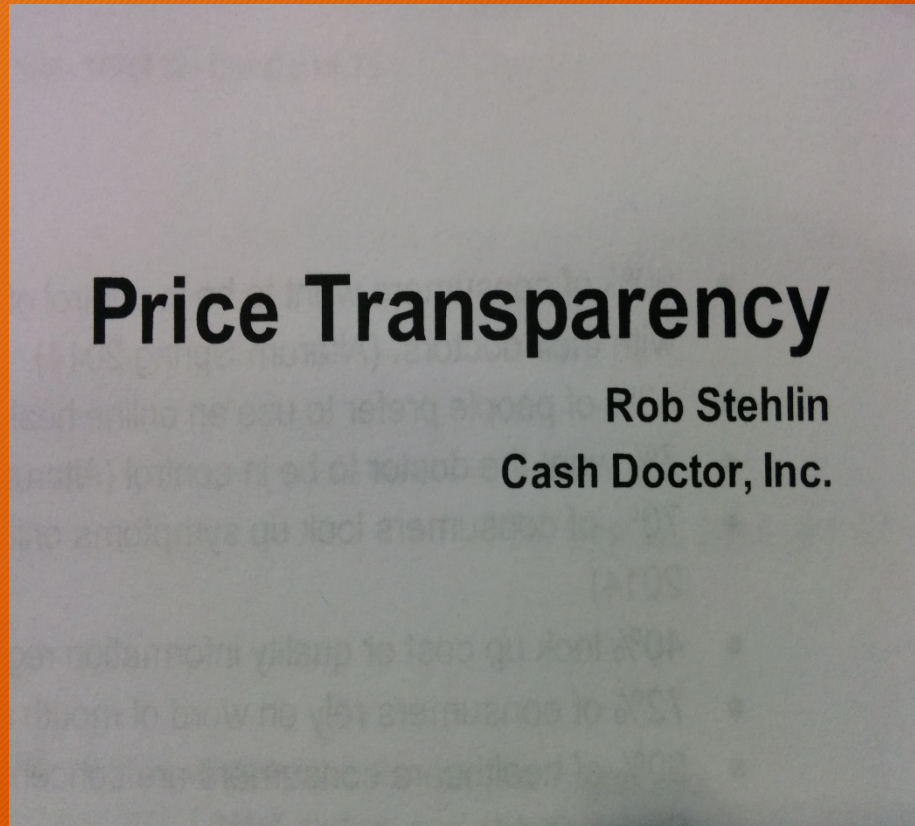
Mock Up Flow



Mock Ups for OCR



Screenshots



OCR Demo

Risks

- No experience in OCR beforehand.
- Open source software is always a risk, although the Tesseract OCR is managed by Google and has the next three releases planned.
- OCR open source does not produce high accuracy result. In addition, it can recognize text well only from printed materials. Handwriting receipts will be the limitation.
- OCR might take up too much resources of the phone.
- We have not addressed the component integration
- Further Win condition prioritization and consolidation
- Managing expectations.

Conclusion and the road ahead

- We conclude that the using the OCR open source technology was a good choice keeping in mind the time constraints and the requirements stressing on the end product.
- Next, the team would focus on the next most critical tasks which are component integration and refinement of the OCR tool.

Thanks for your patience.

Chocolates for intelligent questions 😊