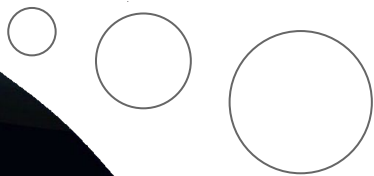
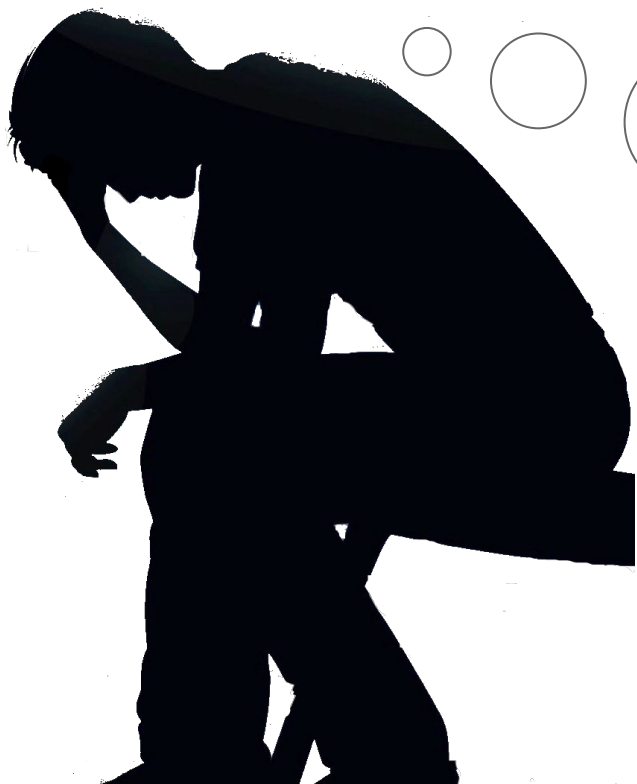


TheraComm

Christian John
Iden Ellia
Joe Samano

1

Problem



2

Client

Online Therapy Unit Team

- A team that is dedicated to improving access to mental health care.



Online Therapy Unit
SERVICE, EDUCATION AND RESEARCH

3

What is TheraComm?



What is TheraComm?

TheraComm is an iOS-based mobile application that incorporates the core features of an email system and a chat system.

4

Software Development Process

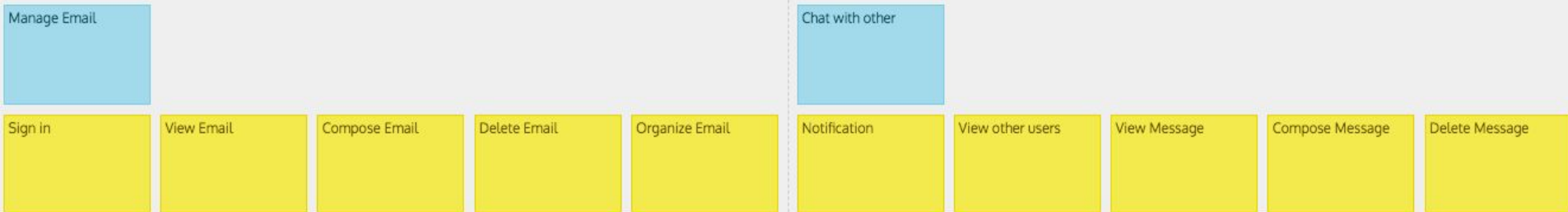


Agile Development

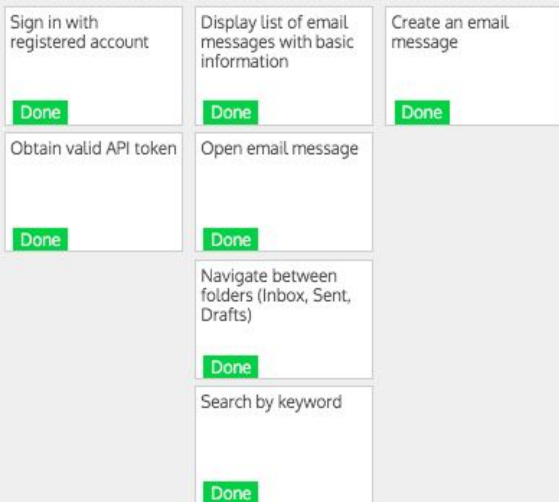
- **Sprint 1** - Making the Email API work and the Interface of Email System (2 weeks)
- **Sprint 2** - Functionalities and Remaining Interface of Email System (2 weeks)
- **Sprint 3** - Interface and Functionalities of Chat System (4 weeks)



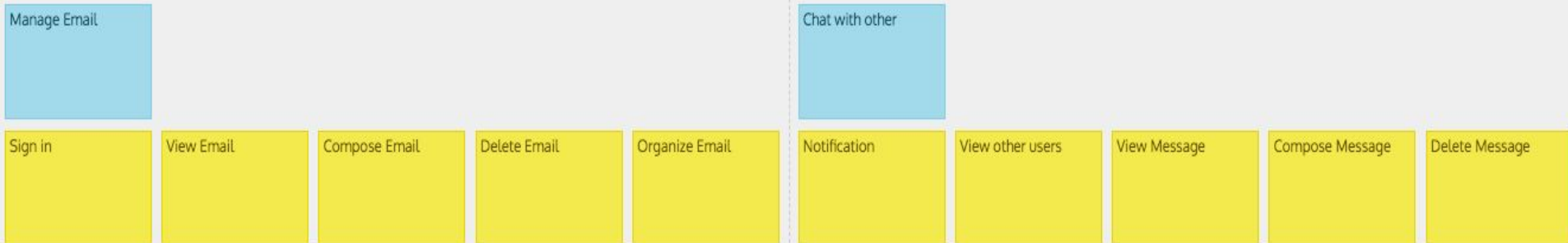
User Story Map - Sprint 1



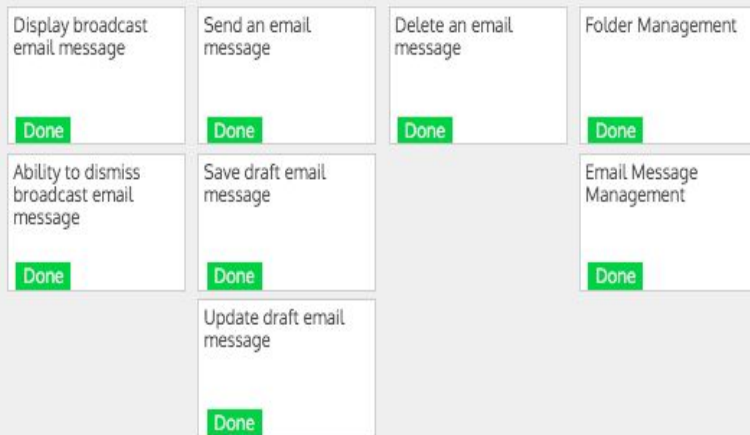
Release 1 0 left of 7 cards



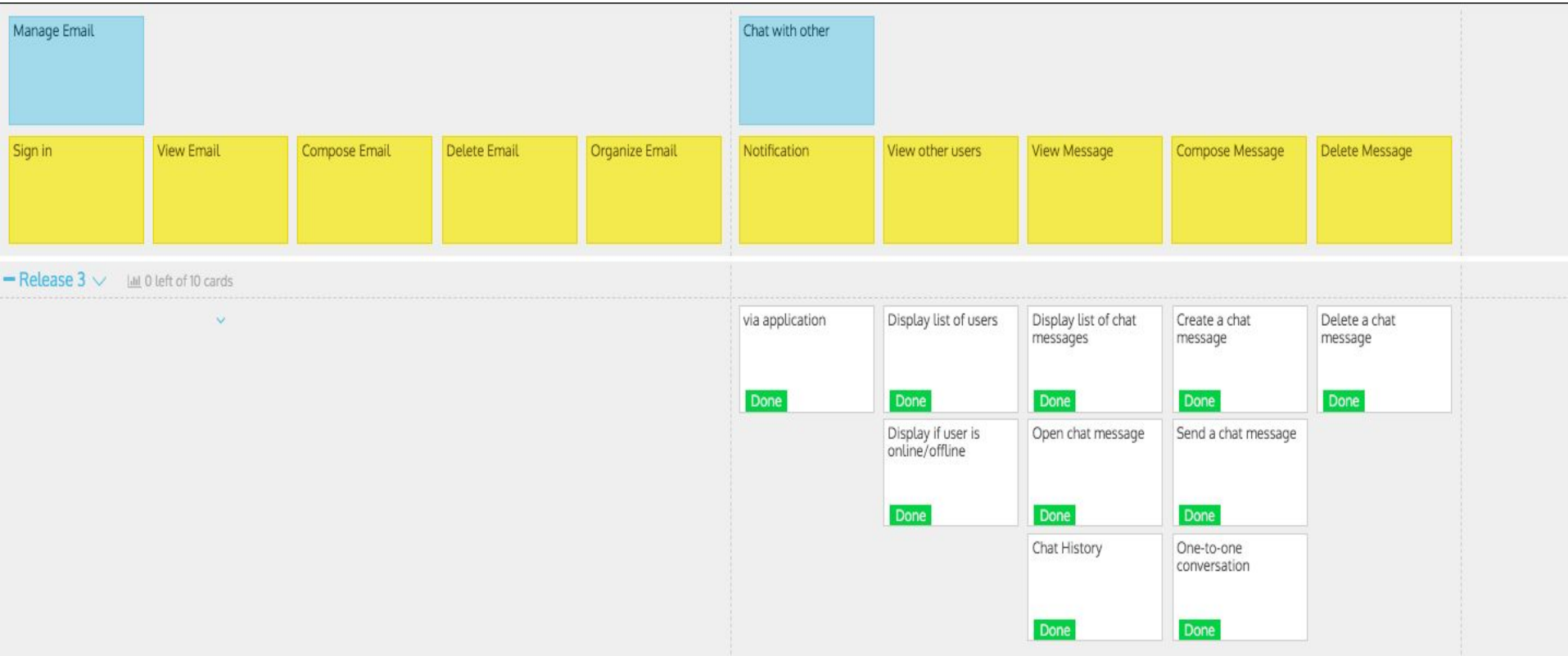
User Story Map (Continued) - Sprint 2



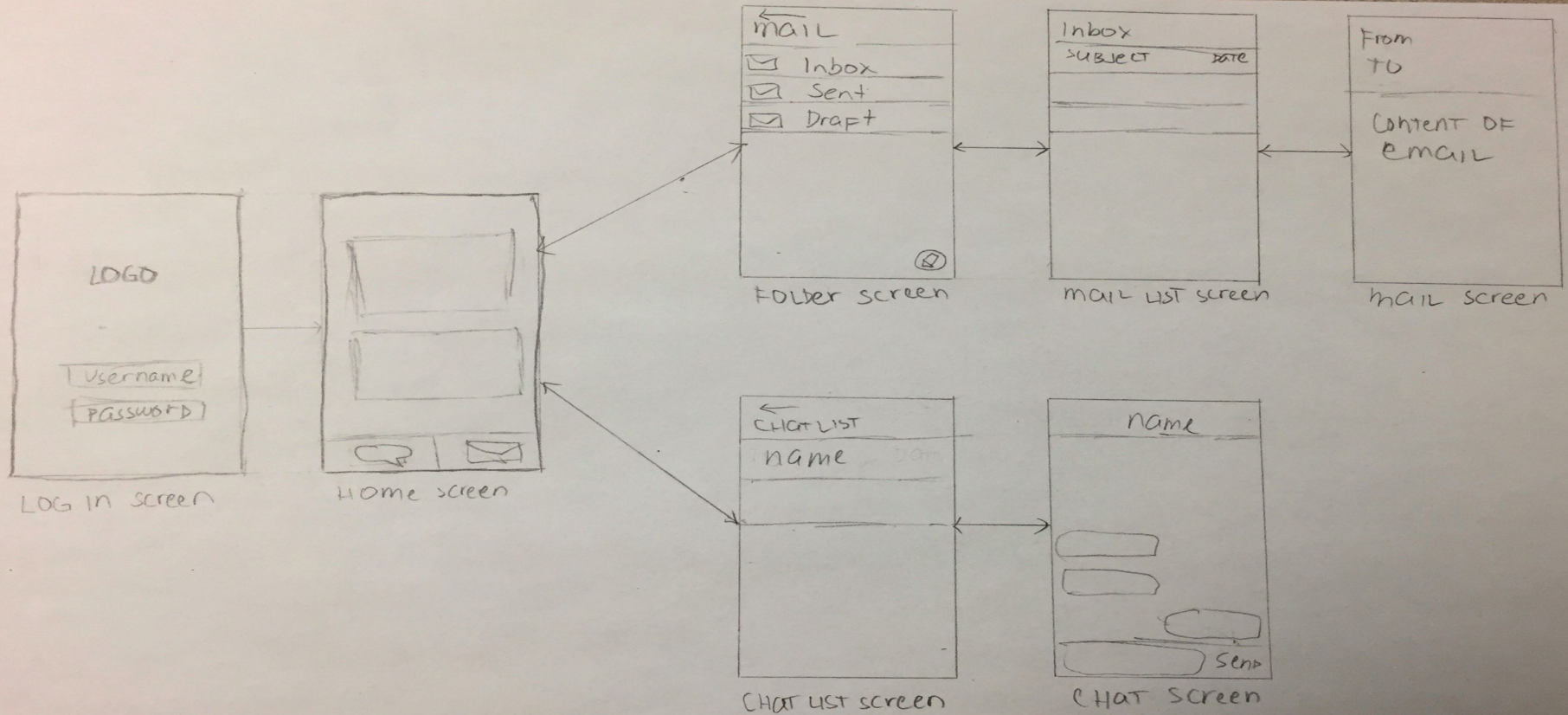
Release 2 ▾ 0 left of 8 cards



User Story Map (Continued) - Sprint 3



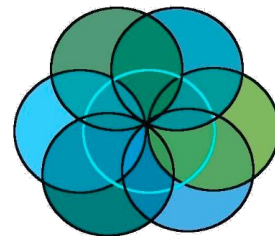
Lo-Fi Prototypes



Testing

- Unit Testing
- Integration Testing
- System Testing
- Functional Testing

Technologies



Swift

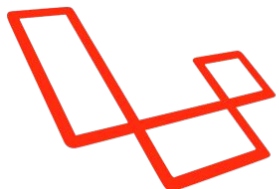


CHATKIT

«COCOPODS»



GitHub



Laravel



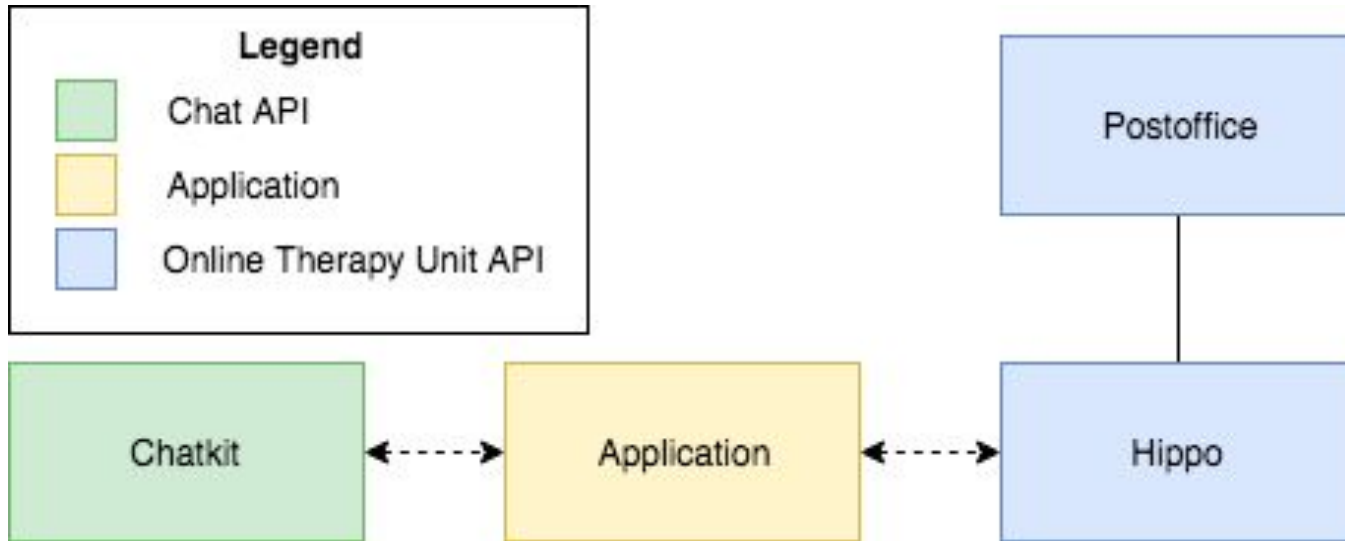
toggl



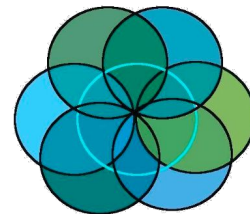
axosoft

GitKraken

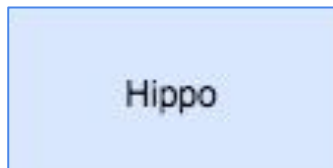
High-Level View of Architecture



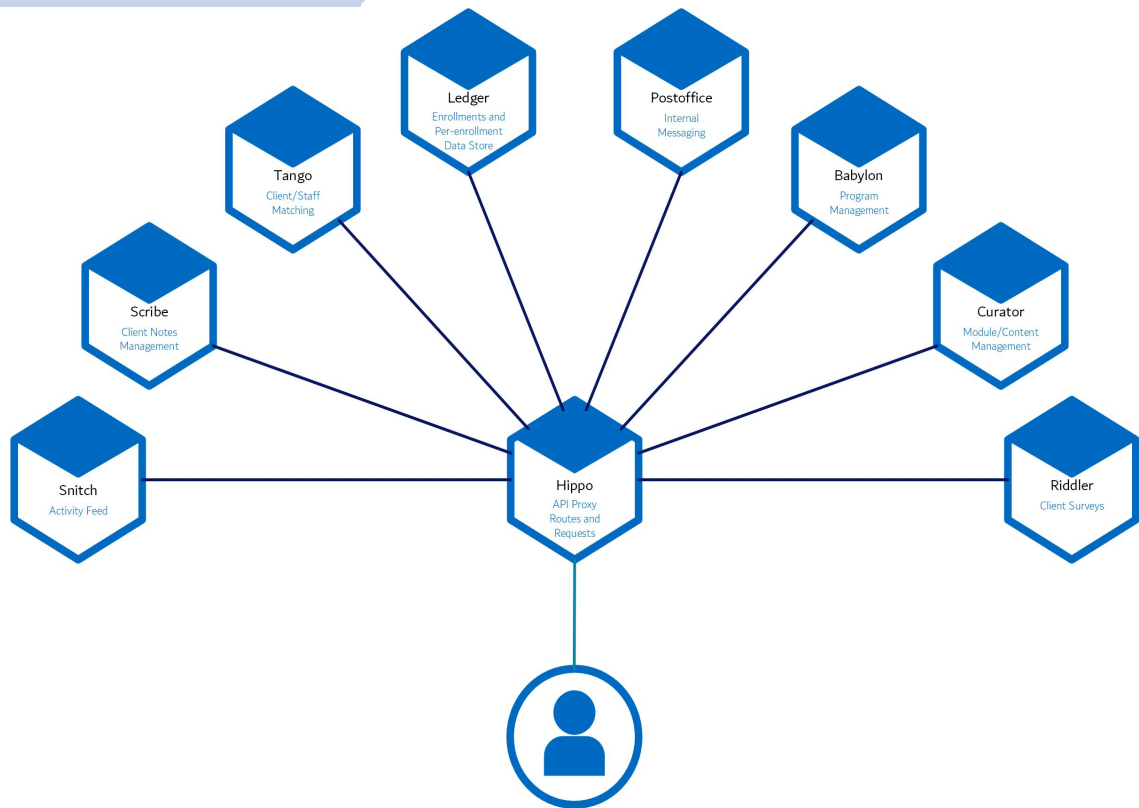
Email System - Online Therapy Unit API



Hippo - API Proxy



Postoffice - Internal Messaging System

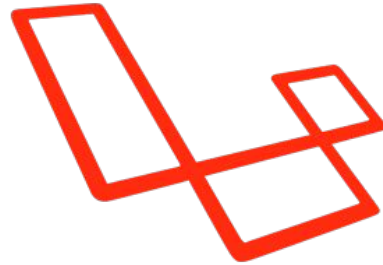


Chat System

- **Chatkit** - a third party extensible API to build in-app messaging
- **Laravel** - a free, open-source PHP web framework



CHATKIT



Laravel

Application

- **Swift** - programming language for iOS
- **CocoaPods** - dependency manager for Swift Projects
- **Xcode** - is the IDE used for developing OS X and iOS software

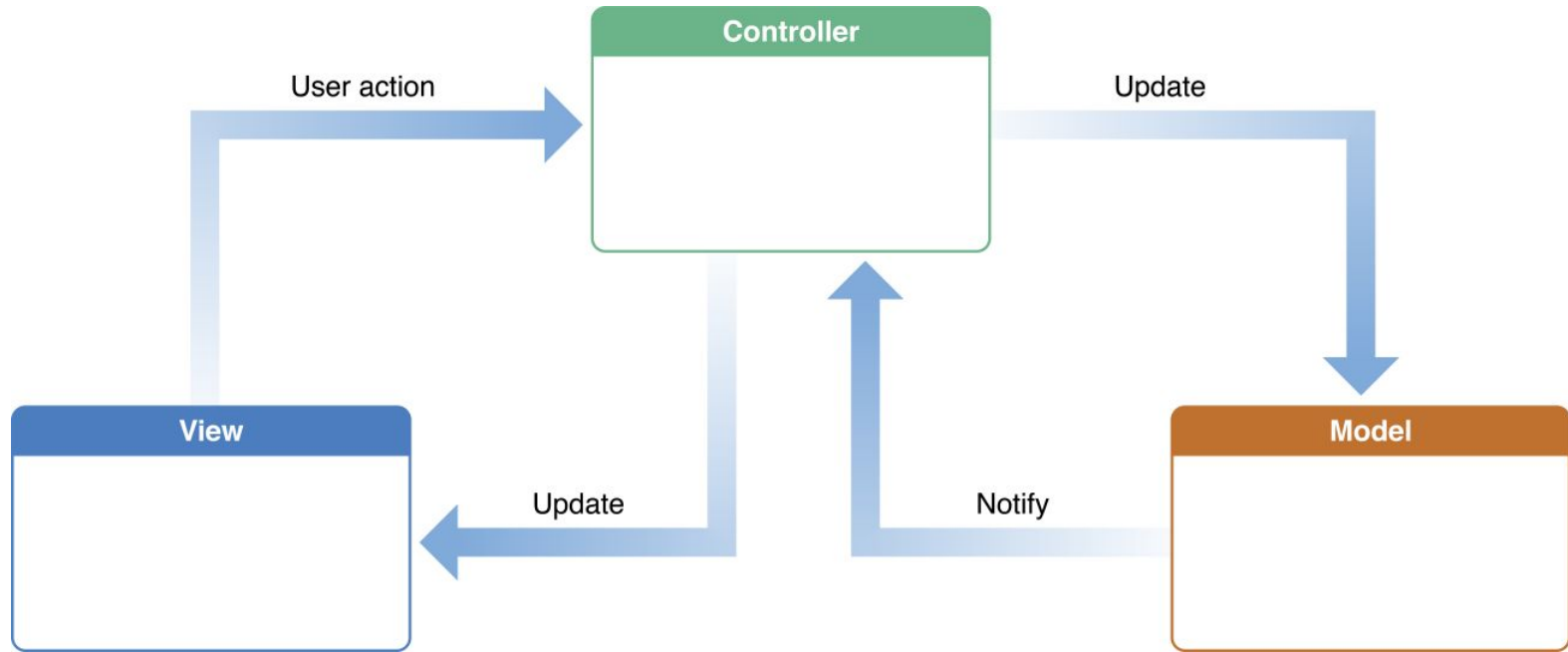


Swift



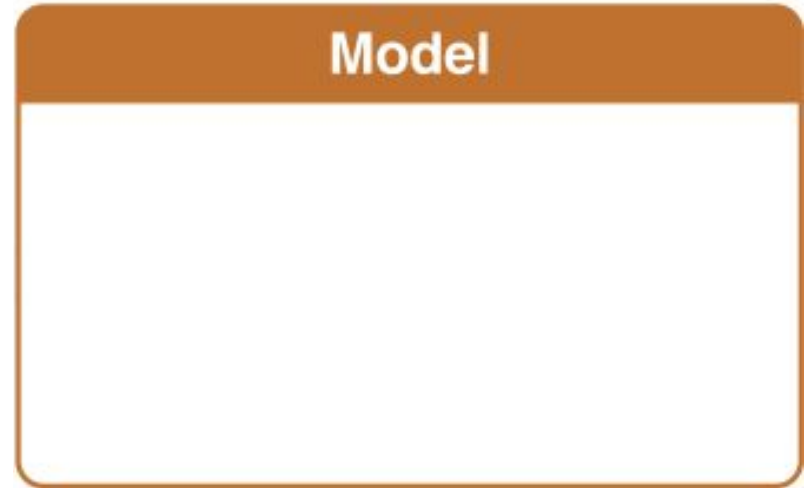
Application

Apple's MVC - Architectural / Design Pattern



Model

The object that encapsulates the data and the logic of the application.



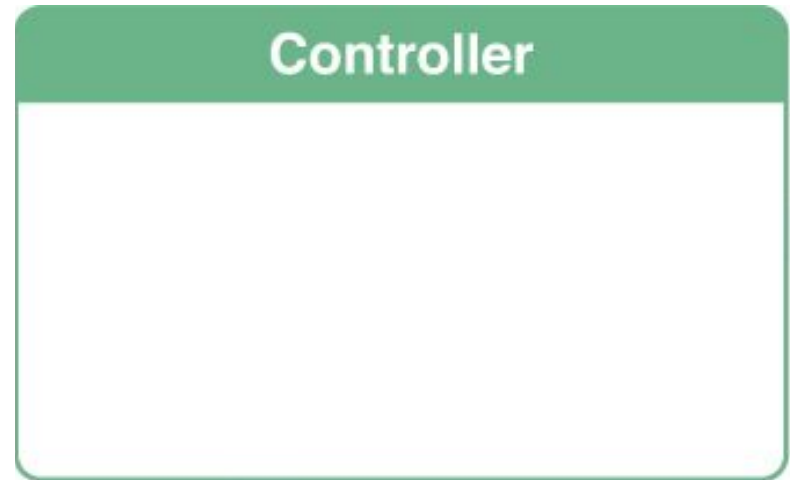
View

The object in an application that the user sees.



Controller

The object that acts as an intermediary between the model and view.



Revision Control - Github

- A web-based hosting service for version control using Git.



Others

- **GitKraken** - a Git GUI client.
- **StoriesOnBoard** - a User Story Mapping Tool for Agile Product Management.
- **Toggl** - a Time Tracking application



axosoft
GitKraken



5

Demo

View of the System

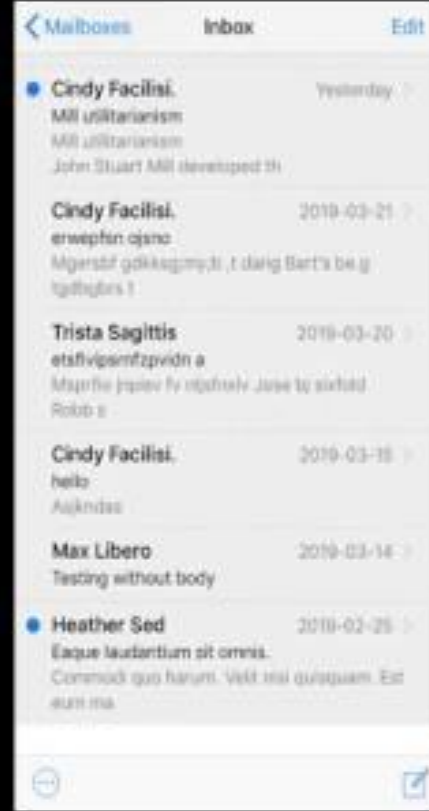


Email System



Sending Email

Deleting Email/Folder





Creating Folder

Moving Email Between Folders



Chat System

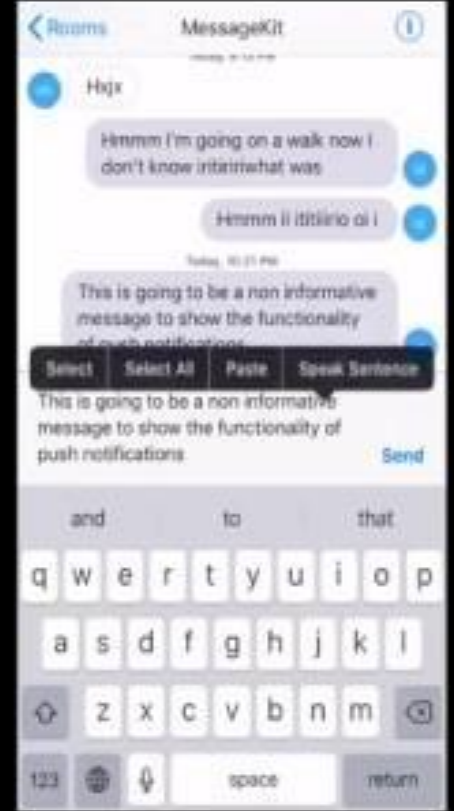


Creating Room

Adding People

Sending Message

Push Notification

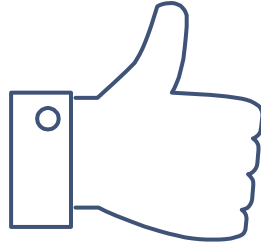


6

Future Works

Future Works

- Addition of other features from OTU API:
 - ▷ Viewing Courses
 - ▷ Surveys
 - ▷ Etc.
- Add more features to the existing application:
 - ▷ Sub-folders
 - ▷ Video Chat
 - ▷ Etc.



THANKS!

Any questions?

Image References

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Cocoapods Logo, <https://status.cocoapods.org/>

Appendix

- Link to github: <https://github.com/samano2j/Capstone-Project>
- Link to documentation: <https://github.com/samano2j/Capstone-Project/tree/master/Documentation>
- Link to testing documentation: <https://github.com/samano2j/Capstone-Project/tree/master/Documentation/Test%20Plan%20and%20Execution%20Document>
- Link to User Story Map: <https://landofoo.storiesonboard.com/m/theracomm>
- Link to OTU website: <https://www.onlinetherapyuser.ca/>
- Link to OTU Documentation: <http://otu-wiki.cs.uregina.ca/start>
- Link to Toggl: <https://toggl.com/app/timer>
- Link to Chatkit Features: <https://pusher.com/chatkit/pricing>
- Link to Chatkit Documentation: <https://docs.pusher.com/chatkit>
- Link to Chatkit Data Protection: <https://pusher.com/legal/data-protection>
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