

# Project Release Plan

## YAPM - Yet Another Password Manager 10/08/2018

- William Walker  
(Product Owner, Initial Scrum Master)
- Shaurya Kapoor
- Theodore Tefera
- William Connor Koch
- Kyle Oda

## Yet Another Password Manager

- Problem: Reusing passwords is unsafe, if compromised on one account, all your accounts are vulnerable.
- Problem: Who do you trust to maintain your privacy?
- High level goals:
  - Use app to add, generate, and store passwords securely
  - Stored passwords are encrypted and only accessible via PIN or fingerprint authentication
  - Option to backup passwords remotely
  - Code may be Open-Source to build trust

## Sprint 1

1. As a user, I want to be able to create new passwords, so that I can keep track of all of them and don't have to memorize them.
2. As a user, I want to store the passwords I create on my phone, so that they are always with me.
3. As a user, I want to be able to see my passwords as a list, so they are all in one place and easy to see.

## Sprint 2

1. As a user, I want to be able to manage and edit existing passwords, so that I can update my passwords when I change them.
2. As a user, I want to be able to use a password generator to create a new randomized password, so that I know it is a secure, unique password.

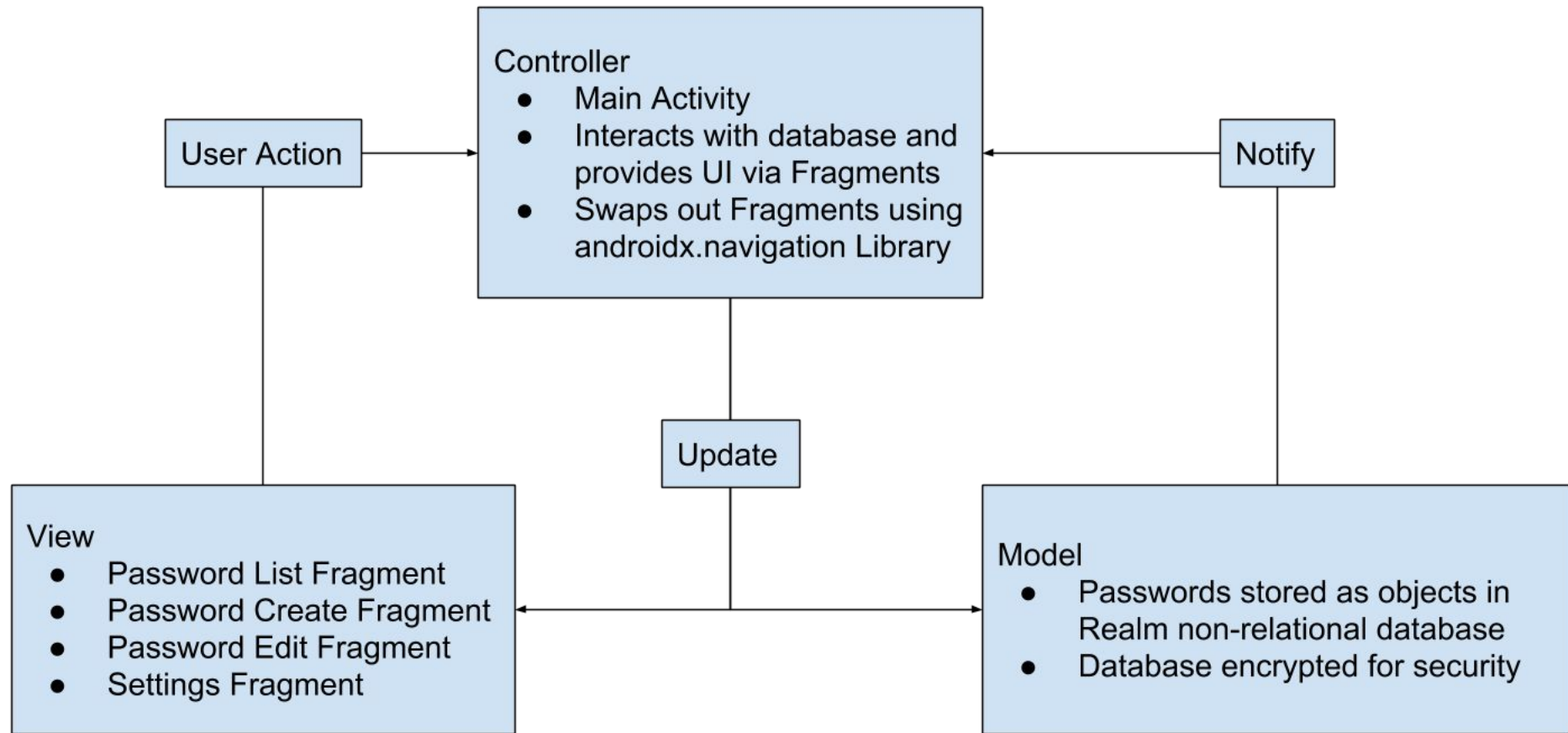
## Sprint 3

1. As a user, I want to be able to search for a specific password, so that it is easier to find
2. As a user, I want to be able to back my passwords up remotely, so that I can restore them if I lose my phone

## Sprint 4

1. As a user, I want my passwords to be secure whenever I'm not using the app, and I want to be the only person who can access them so that no one can steal them
2. As a user, I want to know how secure the passwords that I create are, so that I am confident in the passwords I use.

# Project Release Plan – Architecture



## YAPM

- Rapidly developing, but fragmented ecosystem
- Inherent limitations of Java language (i.e. code reusability)
- Development team with varied experience



## YAPM

- Languages: Java, Kotlin
- Environment: Android (4.3+)
- Toolchain: Android Studio, Android SDK, Android Support Libraries, Realm
- (androidx.navigation, etc.)