


SnakeCatcher



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Presented by Pythons'R'Us

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A lot of people leave their things unattended in libraries etc. to get something or go to the bathroom. Unless we are with a friend or someone we trust there is no knowing if things might get stolen. We want to solve that problem through our app.



SnakeCatcher - Sprint 1

1. As a developer, I want to be able to set up Android Studio and source to github
2. As a developer, I want to set up the skeleton framework of the app.
3. As a developer, I want to understand and set up a database.
4. As a developer, I want to understand the Android Camera API.



SnakeCatcher - Sprint 2

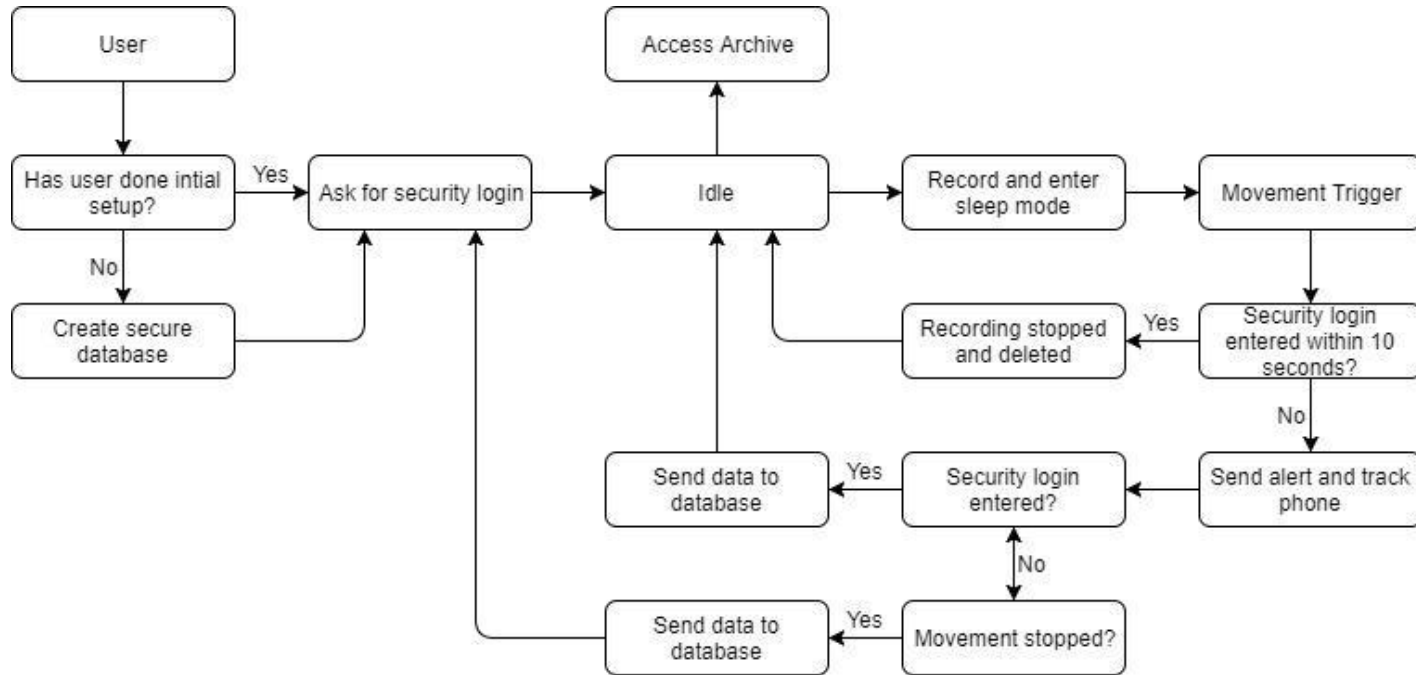
1. As a user I want to be able to set up a recording without much trouble.
2. As a user I want to get email notifications and alerts when my stuff is “moving”.
3. As a developer I want to make sure the recordings will be stored for only a certain amount of time.



SnakeCatcher - Sprint 3

1. As a user I want to be able to use the location services to find my phone.
2. As a user, I want to be able to sign in using my Google Account.
3. As a user I want to be able to access recordings that I have chosen to keep.

The main objective of this project is to capture the data of movement through the camera and accelerometer and transmit the data back to the user's preset email.



SnakeCatcher - Architecture



SnakeCatcher - Challenges/Risks

Challenge/Risk 1

- Limited experience of team members

Challenge/Risk 2

- Down to 4 members

Challenge/Risk 3

- New technologies and complex set of features



SnakeCatcher - Technologies

Technology 1

- Android Studio/Python, Java/Google API's

Technology 2

- SQLite Databases

Technology 3

- Slack/Trello