

*Please scan the
QR code with your
smartphone or
tablet and visit
our webpage to
learn more about
our product!*

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Or, visit us @

*[https://software-engineering-
s19-group10.github.io/website/](https://software-engineering-s19-group10.github.io/website/)*



Software Engineering Group #10

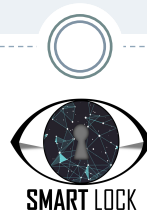
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Members:

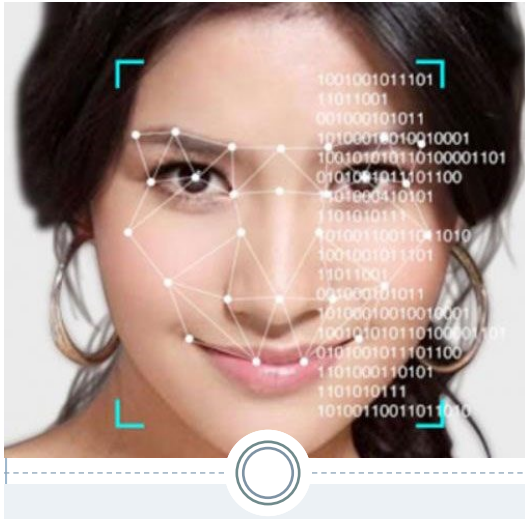
Amandip Kaler
Andrews Sengupta
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Eric Lin
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Ted Moseley

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Demo #1 Brochure
Mar. 25, 2019
5:00pm—5:30pm



Software Engineering - Group #10
Facial Recognition Locking System



Our Product

A large majority of home security systems today are both expensive and complicated. Two improvements to home security developed in recent years, namely keyless locks and home security cameras, are both sold separately, and individually pricey.

Our product is a cost-effective system that integrates the keyless lock and home security camera solutions to home security, and use them to simultaneously improve upon a consumer's experience with package delivery.

This is a much needed improvement upon existing home security systems and smart locks. It provides a user friendly interface with features that are helpful to the homeowners such as SMS notifications, a live video feed, cloud storage (to a specified limit), visitor and courier authentication and

EASY TO USE

In order for the user to effectively use this product, the interface is designed to be as user friendly as possible. The interface revolves around a modern and simplistic design, in order to reduce the clutter that the user may become confused by.

Different menus with categories such as statistics and options will be tucked away in a side menu, accessible with one click of a button.

FEATURES

- ◆ Authentication for temporary visitors
Allows the homeowner to allow certain people to access the home temporarily.
- ◆ In-home package delivery (UNF)
Allows courier to enter the home and deliver packages inside.
- ◆ Live notifications
Notifications are sent directly to your phone via SMS.
- ◆ Live feed (UNF)
Access to the live footage from the camera may be viewed at any time via the web app.
- ◆ Statistics (UNF)
Usage stats such as access times and visitor authentication available to view.
- ◆ Stranger Reporting Network™
Strangers may be reported keeping the community aware of potential threats.
- ◆ Keypad
In the event of a facial recognition failure, a failsafe keypad will be available for use.

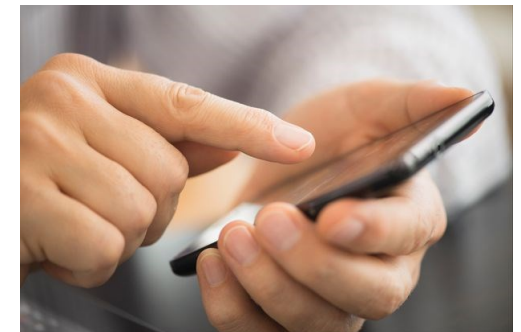
WEB APP

With our responsive web app, you can give anyone access from anywhere with internet access.

The web app is mobile friendly, so you can access it anywhere on the go! You may also create a shortcut to the web app and it will be able to send you push notifications! (UNF)

SYSTEM REQUIRMENTS

- * Camera
- * Database
- * Raspberry Pi
- * Internet Connection
- * PC/Laptop
- * Web Browser



Web app is easy to use and mobile friendly