



Come with Ideas, Leave with Funded Startups

START-A-THON : IDEATION

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Basic Details of the team

- ❑ Idea Title : Tech locks
- ❑ Team/ Startup name : Agent Locking System
- ❑ Team leader : Pavan Kumar Routhu
- ❑ Other Team Members :
- ❑ Track : Classic Tech Track

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Problem Statement Details

Now a days ,locks which is using for locking doors are getting easily unlocking using duplicate keys for thieves. Its leads to the unsecure.

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Proposed Solution

- Digitalisation of locks, by including the scanner in the lock and mobile application which is connected with the lock.
- Mobile application generates the qr code and lock is scan the qr code which is generated by mobile application.
- The mobile application tracks who is in the home ,its sends the notification all the users who is accessing that particular lock by using mobile application.

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Market Opportunity and Competitive landscape

Target audience are the householders. These type of product are not available in the market, thus we can increase market size of the product easily and gain the potential in the market.

This product is secure and doesn't require any keys to unlock, the product will replace the locks that are unlocking using keys.

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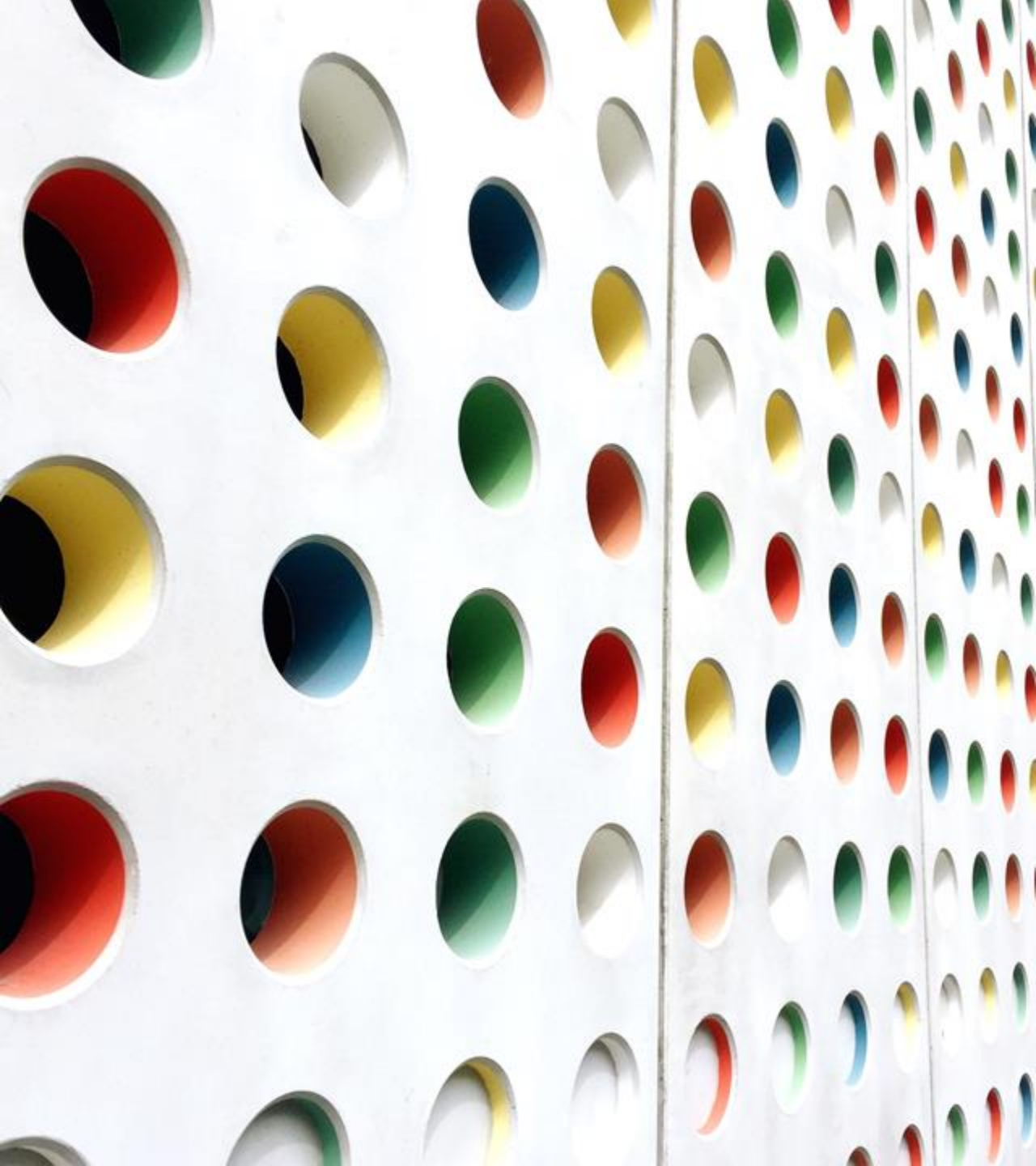
Business Model , Go-to Market Strategy and Funding Ask

Business Model :

- >Revenue Streams: Product sales, mobile application downloads and chargers.
- >Pricing strategy : Depends on value proposition and investment on product .
- >Monetization strategy : No cost for basic features (just for unlocking door using app and charges for the feature like tracking who is using lock.

Go-to Market Strategy : By placing advertisement in social media. Creating awareness in gated community and apartment , about the how product is useful to households?, how product will replace keys?, how secure the product is? , availability of product in e-commerce and sponsorships.

Product ongoing in the market by introducing variations in products (new features) and which leads to differ in pricing the product based on the variations. One time investment on product , gets the revenue by product sale + mobile application download + variation cost.



Implementation of Tech Locks

Tech Locks

AGENT LOCKING SYSTEM

Problem faced



Problems facing with the keys :

- 1) Duplicating keys (which is done by thefts)**
- 2) Losing keys**
- 3) Security Problems**

My solution



- Digitalisation of locks.**
- Connected with mobile app**
- Lock is Qr code scanner and mobile application is qr code generator.**

Profits



-Lock is opened by the scanning qr code which is generated by the mobile app.

-Only the users whose mobile app is connected with lock can open.

-Tracking system(By notifying who is unlocking).

-Notification when other user is opened the door.



Implementation



-mobile generates qr

**-The scanner which is
inserted to
lock scans qr**



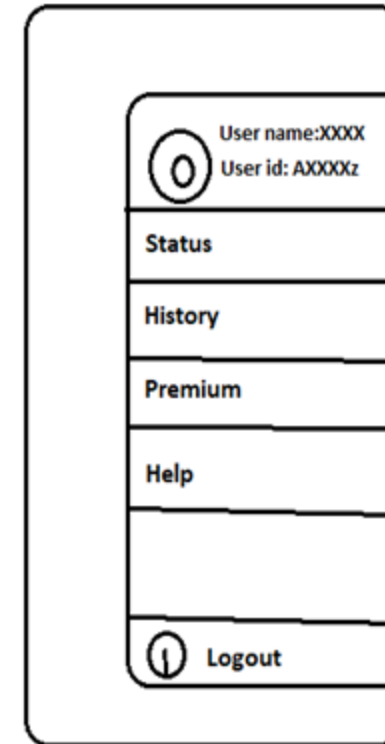
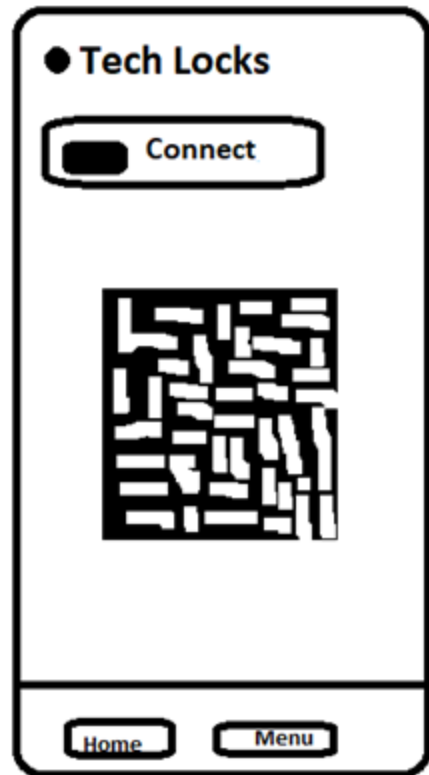
How to connect lock with mobile app ?

-Every lock has the user id.

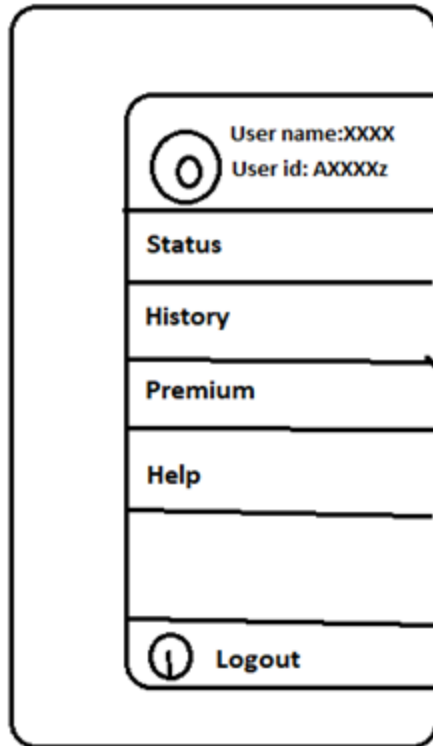
**-In the mobile just we click on connect(as shown)
user id is appear on the mobile app , then tap on that user id , It will connects to lock .**

-Now , check once by using scanner.

By tapping on menu which is bottom of the app



How this part of app is useful ?



-Useful to check the status of the lock

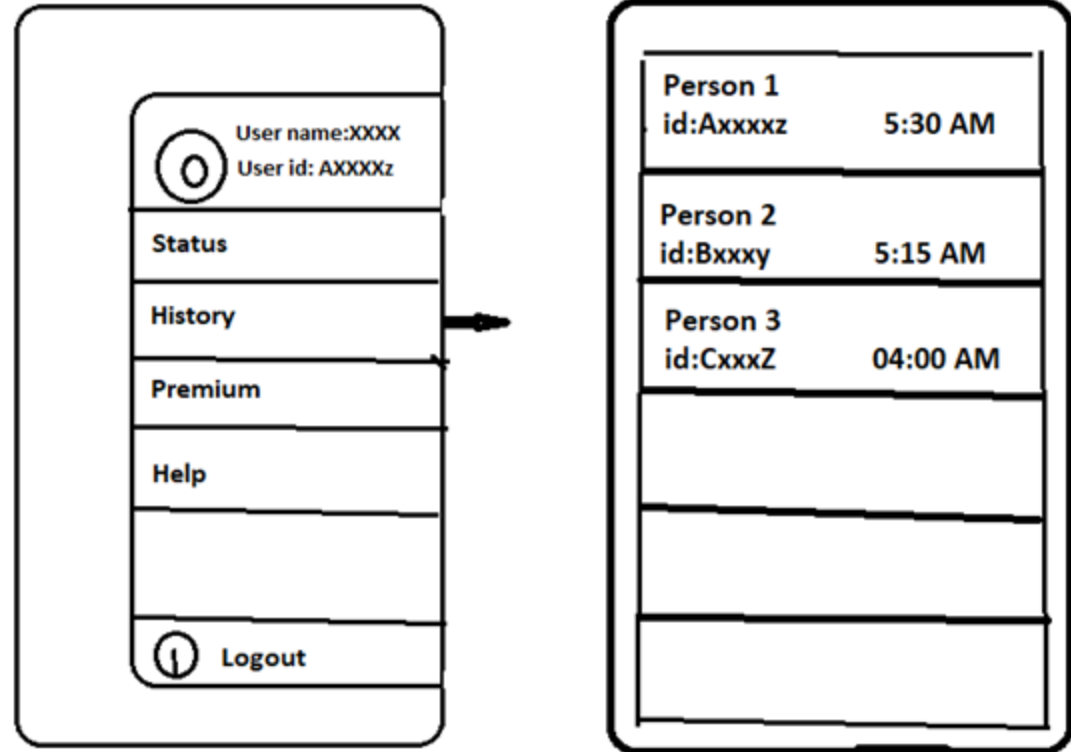
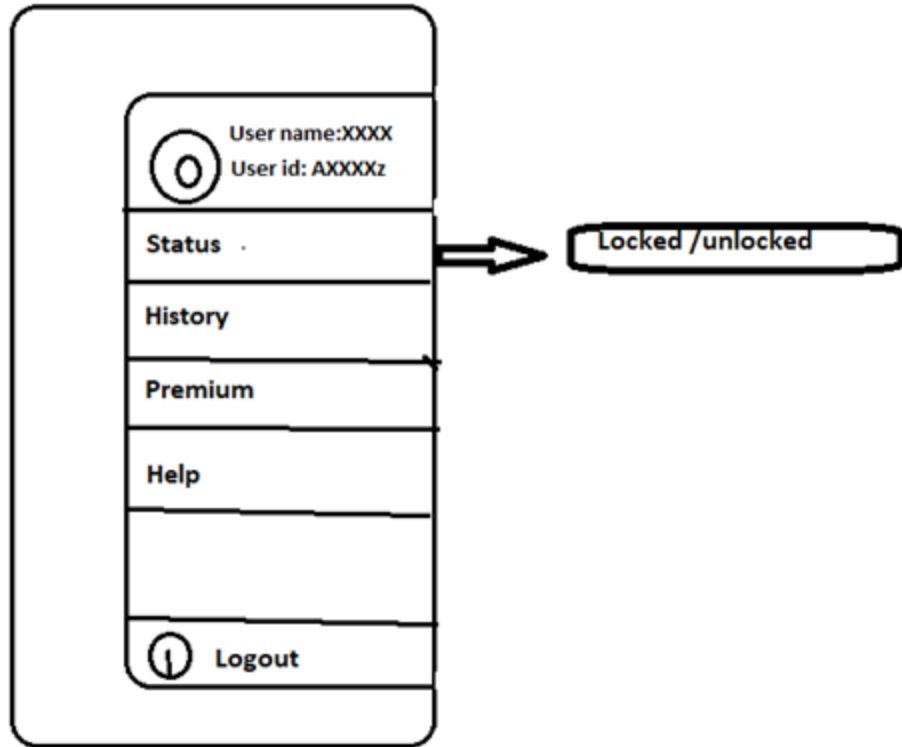
-to check the previous history

-Premium for better experience.

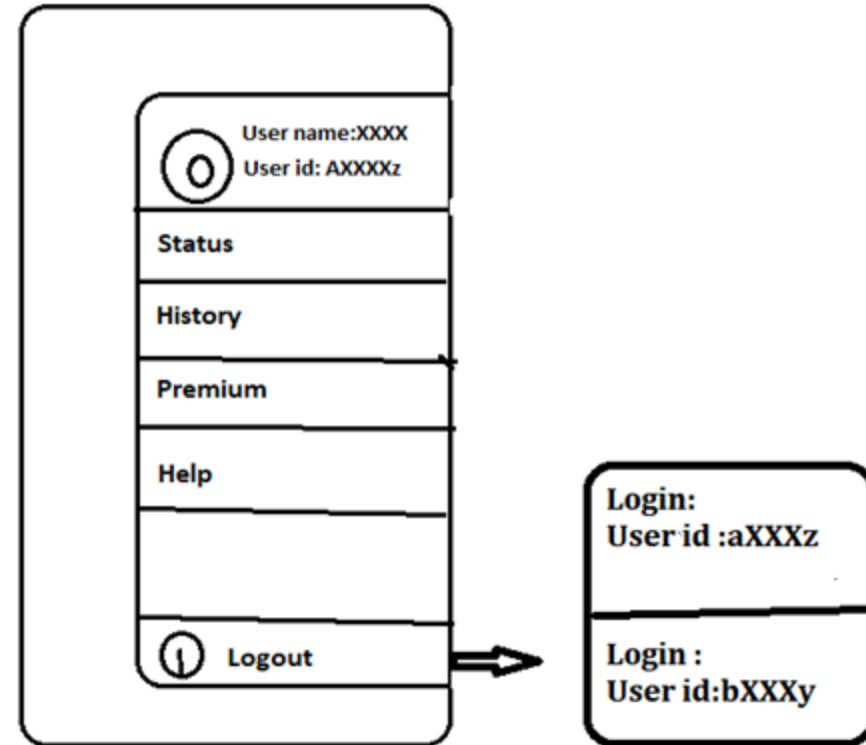
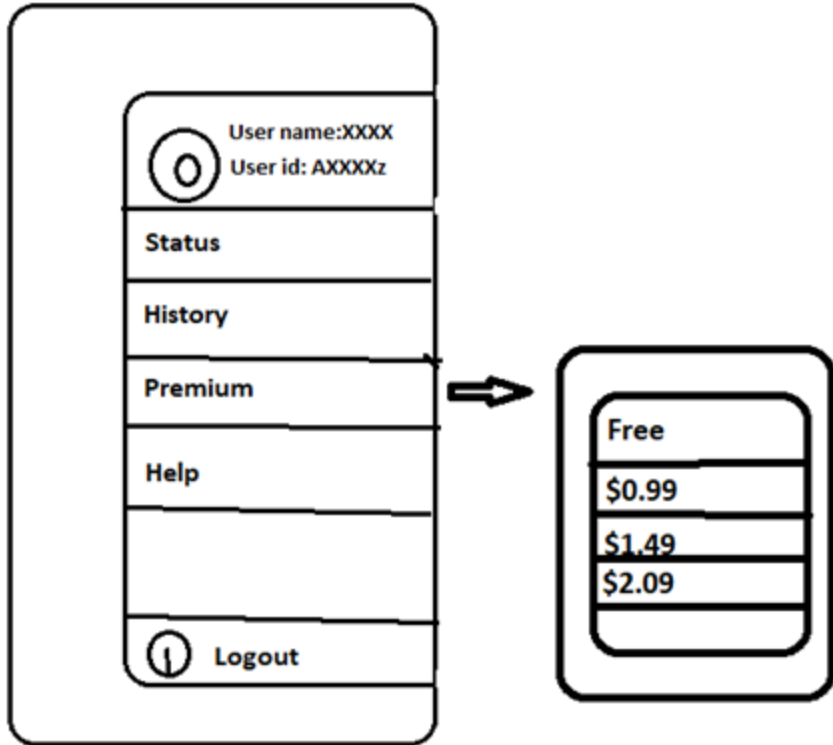
-Help section

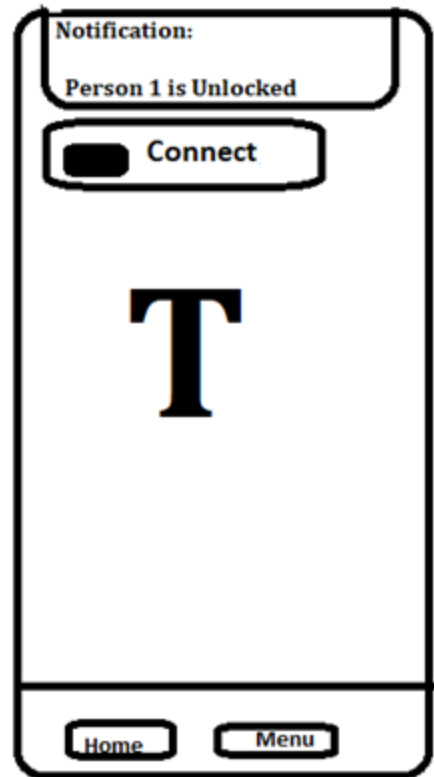
-Logout is for you can add another lock and you switch the locks based on id.

Uses of menu bar in detailed



Uses of menu bar in detailed





-This app also send notification when some one is unlock the of same user id.

Thank you