SullyBee

SAFETY MADE SIMPLE.

AEC 2020 Hackathon Presentation

Motivation

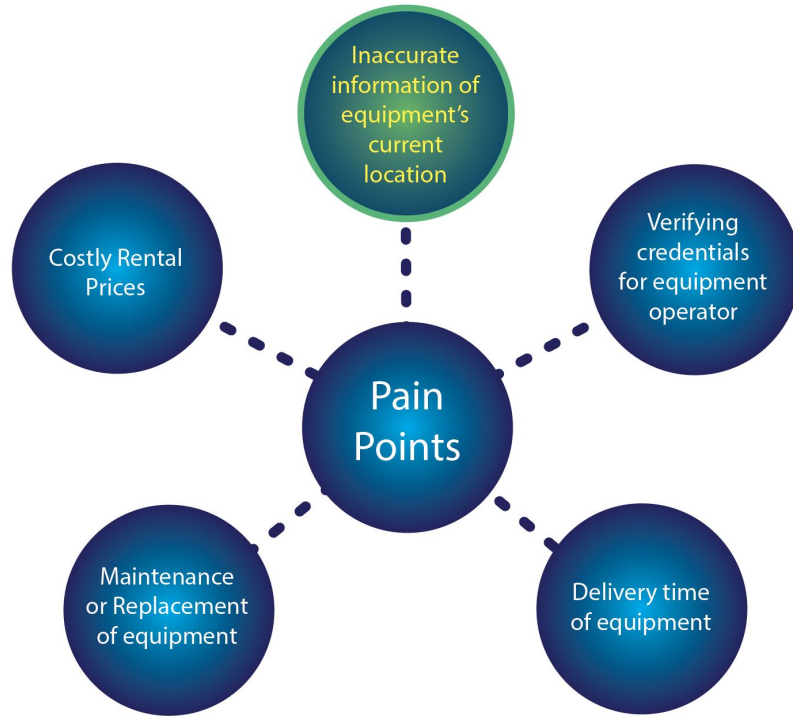"He who saves the life of one,
saves the entire world" :)

Problem Statement

The current state of construction equipment management lacks transparency and the ability of tracking information.
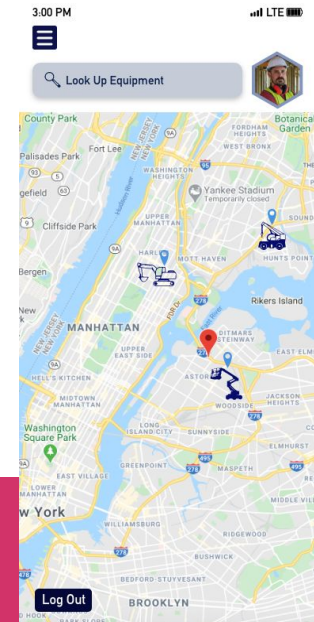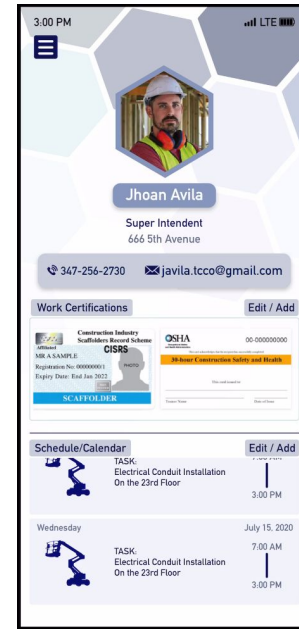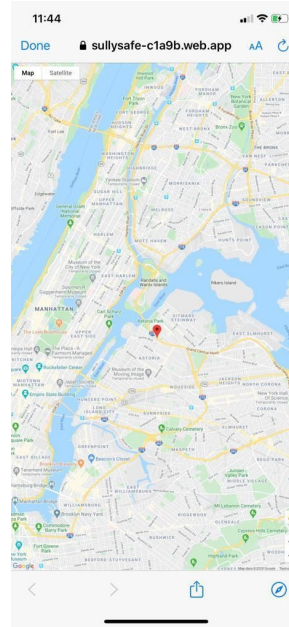
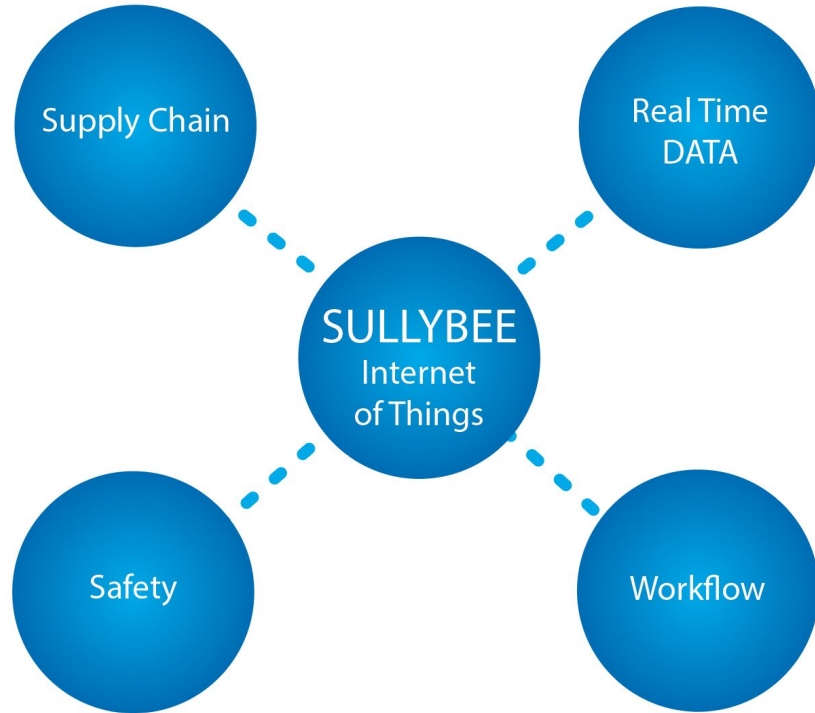# Hackathon Break Down

Hackathon Development

- Raspberry Pi
- GPS
- Huawei Modem
- IoT (Cloud and Connectivity)

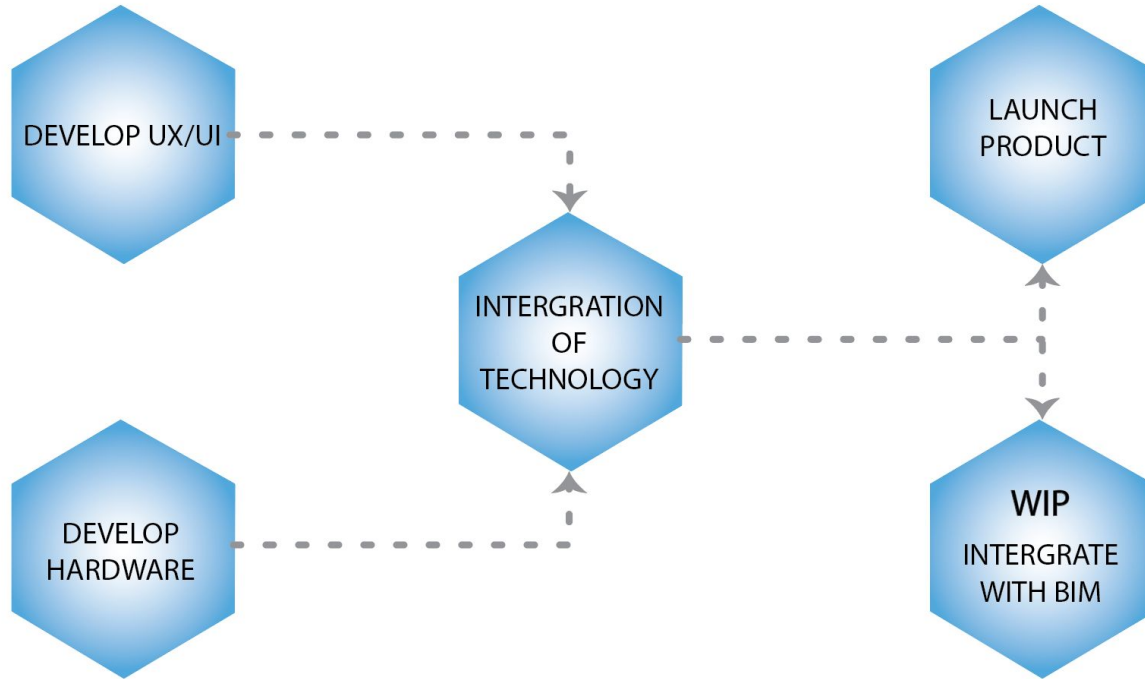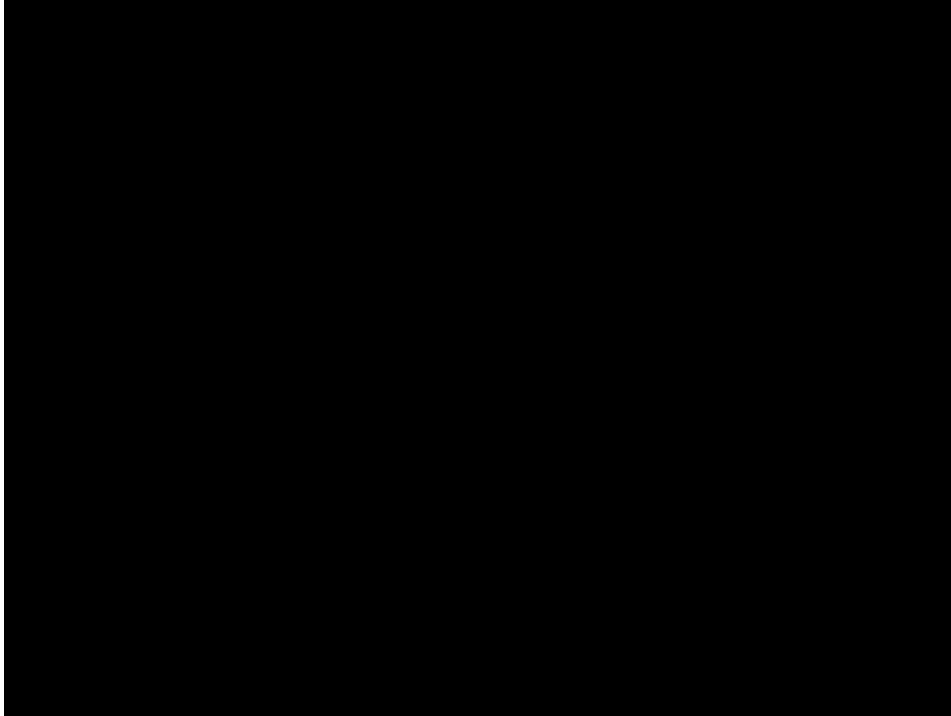Note: All Developed during the Hackathon

Hackathon Goal

Development Roadmap

Video of Hack

- **Devpost**
  - Loom Video
- **Link to Web App**
  - SullyBee

SullyBee Team

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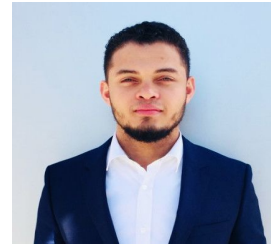
BINGHAMTON UNIVERSITY
State University of New York

Computer Science

Appendix

Market Target/Business Model

+Add date for equipment related incidents

2017 Construction Equipment Rental Market.

894,000 - Units

Target Market
1% = 8,940
*Avg Cost / Day to use Equipment
=$383.5

5% Fee / Day for a Year =
$62,569,942.5

*Earth moving equipment rate / day = $571:
Forklift rate / day = $196

Business plan

Percentage of the transactions v.s. Monthly recurring payment

Installation = price of hardware + profit

Service = price of software + profit

Competition

- Equipment Share
- BusyBusy

UX/UI