

# KRAM

Keeping Records for Asset Management

An Inventory Management Application

# Our Team

- Kevin Bockenstette | [bockenkc@mail.uc.edu](mailto:bockenkc@mail.uc.edu)
- Adam Karrasch | [karrasar@mail.uc.edu](mailto:karrasar@mail.uc.edu)
- Ryan Pavsek | [pavsekrt@mail.uc.edu](mailto:pavsekrt@mail.uc.edu)
- Matt Thomas | [thoma3mw@mail.uc.edu](mailto:thoma3mw@mail.uc.edu)

## Project Advisor

- Professor Yizong Cheng | [yizong.cheng@uc.edu](mailto:yizong.cheng@uc.edu)

# Goals

## Background:

The project started based off the the fact that we all own tons of electronics, furniture, etc., and often couldn't actually say what we own if it was lost.

## Goals:

- Able to have an at-hand list of everything you own for...
- ...the purpose of insurance/theft/loss.
- ...the purpose of preventing duplicate purchases.

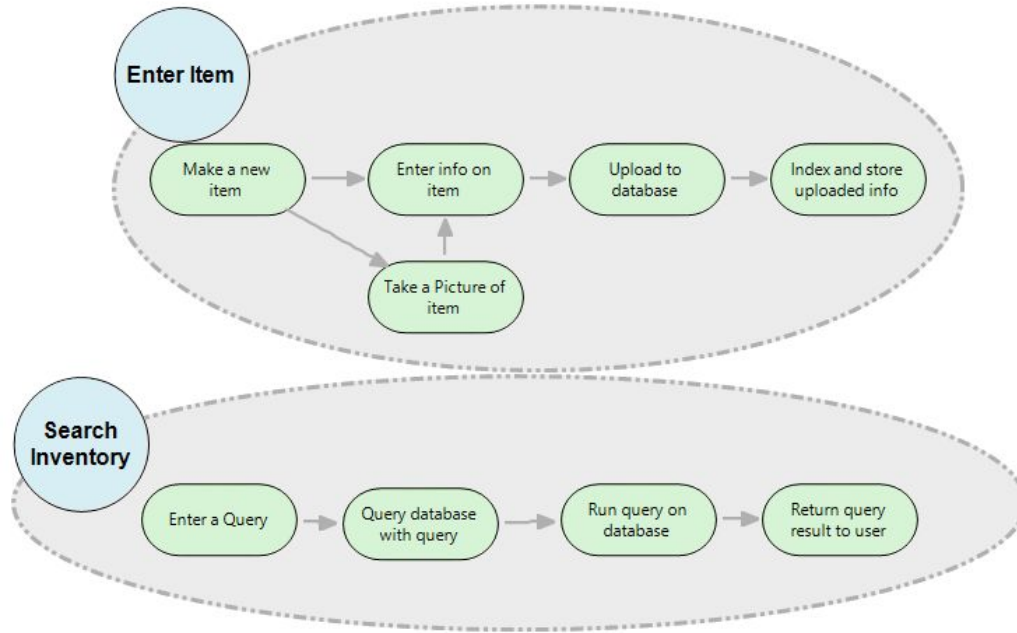
# Intellectual Merits

- At-hand list of everything you own wherever you go.
  - Inventory manager for the normal person

## Broader Impacts

- Aid people in their life by being able to better organize/know what they own.
- Provide easy to use record of all items in case of natural disaster - Hurricane / Tornado / etc.

# Design Specifications



# Technologies

- Ionic
- Angular
- Java
- SQL
- JSON Schema
- GitHub

# Milestones

- March 9th - Frontend/Backend finished separately
- March 19th - All components finished and connected
- March 24th - Final Testing Done
- April 1st - Project Finished



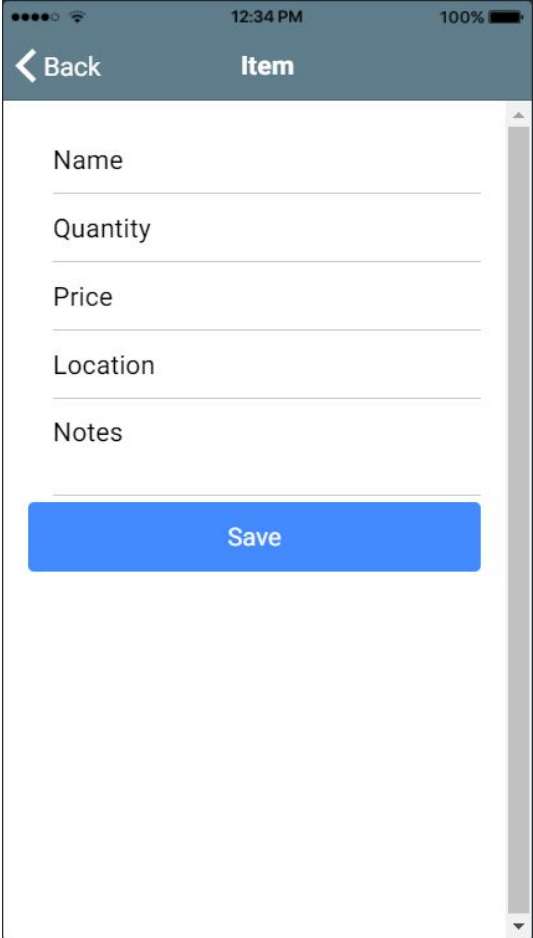
# Results

Results:

- See side image:

Remaining Tasks:

- Finish UI Design
- Finish Backend implementation
- Testing / Bug fixing



A mobile application interface for an 'Item' form. The screen has a dark blue header with a back arrow and the text 'Back' on the left, and 'Item' on the right. The status bar at the top shows signal strength, Wi-Fi, time (12:34 PM), and battery (100%). The form contains five text input fields labeled 'Name', 'Quantity', 'Price', 'Location', and 'Notes'. Below these fields is a large blue button with the text 'Save'. A vertical scrollbar is visible on the right side of the form area.