

## **Project Description:**

- The main goal of the web app is accessibility and ease of use. Below are the main functions for the web app:
  - This application will have a check-in check-out service that will log both the location and time when the staff/tech/subcontractor visits a jobsite to complete a work order.
  - Users will be able to take photos or upload existing photos of job conditions, progress, or completion. These photos will be resized to be between 100 KB and 300 KB and then uploaded to a project-specific folder on Google Drive.
  - The user will be able to upload signed documents or upload documents and sign them through the application itself.

## **Project Timeline:**

- This is the projected timeline of the project:
  - 12/19/17 - 1/5/18
- 3 weeks of work with added support after project completion.

## **Project Sprint Goals:**

- Build the Form
  - Upload pictures by upload or taking it with mobile phone
    - Resize Images
  - Upload signed documents (signing through phone)
- Location Service
  - Checkin and Checkout Time Stamp
- Uploads to Google Drive
- Hosting Site

## **Project Milestone Dates:**

- Week 1: Form Built and Hosting
  - Due: Friday 12/22/17
- Week 2: Google Drive Uploads and Location Services
  - Due: Friday 12/29/17
- Week 3: Polish and Testing
  - Due: Friday 1/5/18

## **Project Software:**

- Flask framework with Python
- Jinja Templating
- SQLAlchemy for controlling sqlite database
- Hosting on Digital Ocean
  - Price of \$5 per month
- Google Maps API for Location Services
  - Extra fees may occur if used more than 25,000 times per day

