

## **ghostTracker**

An application that allows people to read about hauntings and ghost sightings at various locations with the ability to add your own spectral experience.

### **Technology**

1. JavaScript Application
  - Angular
  - Angular UI-Bootstrap
2. Firebase for data storage
3. HTML/CSS
  - Yeoman Scaffolding
  - Twitter Bootstrap
  - SASS

### **Wireframes**

See attached

### **Features** (broken down by view)

- Responsive Site
- Home View
  - features 3 to 5 of the most recently updated stories
  - search bar to search for stories by location
  - ability to see search results
  - upload your own stories link that goes to login/register view
  - link to login/register
  - ability to see more recently uploaded
  - about link
- Log-in / Register View
- About View
- Create post view
  - upload / create:
    - name
    - photo
    - location

- time
- what happened?
- what exactly did you see?
- did anyone else have the same experience?
- how scared were you?
- do you consider yourself a believer in ghosts, a skeptic, or somewhere in between

## **Stories (MVP 1.0)**

### 1) Responsive Site

As a visitor or registered user, I need to be able to use the site on a phone as well as a laptop/desktop.

#### *Assumptions:*

There will be a solution through the use of Twitter Bootstrap to make the site responsive

#### *Acceptance Criteria:*

- Site is tested on a phone and the functionality is the same as the desktop version.
- On phone, nav bar turns into “hamburger” menu
- On phone, horizontal posts “stack” and become vertical
- no horizontal scroll bar on phone version

### 2) See posts

As a casual visitor, I need to see a few posts easily at first glance so I want to keep using the app/website.

#### *Assumptions:*

Through the use of Angular the main page will show recent posts created by users

#### *Acceptance Criteria:*

- The primary view will showcase at least 3 posts horizontally, taking up 100% of the width
- clear links or buttons above and below the 3 posts for navigation

### 3) See more posts

As a visitor or registered user, I need to be able to easily access more posts after viewing the showcased posts (see story #2) or from familiarity with the site

*Assumptions:*

There will be a solution through Angular to click to near the showcased posts and view more posts

*Acceptance Criteria*

- When a user clicks a link or button to view more posts than the ones originally featured, more posts appear.
- Appearance will be in 2 columns and as many rows as the needed to meet total number of posts

#### 4) Search for Posts

As a visitor or registered user, I need to be able to search for posts and read about ghost stories in a location of interest to me.

*Assumptions:*

There will be a solution with a search box, button and query function in Angular to search for ghost posts by location. (or, use Google custom search??)

*Acceptance Criteria*

- When a user enters a location into the search box, the results are displayed based on that location. If no location exists, the user will be notified that there are no ghost stories for their desired location.
- Appearance will be in 2 columns and as many rows as the needed to meet the search criteria

#### 5) Register / Sign-in

As a visitor, if I like the site and want to create my own story, I need to be able to register and then log-in and do that.

*Assumptions:*

With Firebase authentication, users will be able to register and subsequently log-in to the app. Through authentication and Angular routing, only registered users will be able to

create posts. The authentication will not allow for duplicate e-mail addresses to be registered and will email users with a way to reset password if forgotten

*Acceptance Criteria:*

- Creating a new account and logging-in, and then successfully creating a test post with photo.
- Also, testing the create view while not logged-in, to be sure access is denied. Successful testing of password reset and no duplicate e-mail addresses will also need to be completed successfully for acceptance.

## 6) Create a Post

As a registered user, I need the ability to create a post describing my ghost experience and upload a photo with that post

*Assumptions:*

There will be a solution through Angular and Firebase to CRUD the data (Firebase as a backend)

Upload photo will use <https://github.com/twilson63/ngUpload>

*Acceptance Criteria:*

- User can create a post with following features:
  - name
  - photo
  - location
  - time
  - what happened?
  - what exactly did you see?
  - did anyone else have the same experience?
  - how scared were you?
  - do you consider yourself a believer in ghosts, a skeptic, or somewhere in between

## 7) Edit or Delete a post

As a registered user, I want the ability to edit or delete my post at a later time

### *Assumptions:*

While logged-in, post that the user creates will have an edit or delete feature via Angular and Firebase

### *Acceptance Criteria:*

- User can successfully edit or delete a post they created
- after deletion or update, route returns them to listing

## 8) The Who and Why of this app

As a user, I want to know about this app, who made it and why

### *Assumptions:*

There will be an About link on the main view. The route will provide needed details about the application

### *Acceptance Criteria:*

- Clicking on the About Link provides the user with the info:
- why the app was created (as a former tour guide, saw this need, blah blah)

## **Future Road Map**

- rate ghost posts
- view according to posts' rankings
- search by more than just location (keyword)
- incorporate the option of logging-in with facebook, in addition to the e-mail/password method
- option to upload video clip and not just a photo
- incorporate a map with "pins" to ghost experiences