

# TroveSpace

## Project Charter

Team 13 | <https://github.com/baker323/TroveSpace>

Adam Baker, Kareem Elhadidi, Rei Orikata, Pritesh Kadiwala

### Problem Statement

People love collecting. From coins and stamps to antique canes and rubber duckies, almost everybody has something that they like to collect. Currently, there is no good software for people to manage and catalog their niche collections. Our site will be different from other similar systems because we will not focus on specific items such as records, video games, or baseball cards. Instead we will allow users to catalog their collection of any item. Currently there exists some software for general cataloging, but it is all in the form of native applications that are very outdated. Being web-based will be an advantage for us because we can also allow users to share their collections and interact with other collectors.

### Project Objectives

- Develop a web application that allows individuals to manage a collection of any type of object
- Create a single platform for users to manage multiple different collections
- Use crowdsourced data to create a large, peer reviewed database of items
- Allow users to interact or chat with each other
- Allow users to arrange trades or sales with other collectors
- Show detailed reviews and average user ratings for specific items

### Stakeholders

- Project Manager: Kareem Elhadidi
- Development Managers - the GTA assigned to our team
- Users/Customers - Any individual who has a collection they would like to catalog
- Software Developers - Our team
- Project Owners - Our team

### Deliverables

- A web application that allows users to catalog any type of collection and interact with other collectors.
- Frontend using AngularJS, Bootstrap, HTML5 and CSS3.

- Systematic management of data utilizing well developed storage database systems such as Firebase.

## CS 307 Projects

### Adam Baker - STABLE

STABLE is a record-keeping app for racehorse veterinarians. It helps simplify the complicated science of racehorse breeding by maintaining information on each individual horse.

Veterinarians are often in charge of hundreds of horses, which each have medical records, training regimens, and scheduled vaccines. Maintaining information on individual horses becomes difficult when done by paper and pencil, so STABLE provides a digital solution to this problem. The software helps professional breeders who need to maintain information on many horses at once, including gender, breed, weight, size, sire, mother, vaccination and medical history, training regimen, auction price, and requisite expenditures in order to rear the horse.

<https://github.com/STABLEHorseBreedingSoftware/CS307>

### Kareem Elhadidi - Chorus

Making sure the right music is playing for a particular social event can be very time consuming and stressful for the host(s) since they might not know what music the guests want to hear.

Chorus is an app that allows hosts to crowdsource the music selection at their events from the party goers themselves. This takes away the effort from the host while also allowing guests to hear exactly what they want. Any users can add a song to the playlist and others can vote on which song they want to hear next. If the songs run out, Chorus will automatically add more songs based on what has already been played. Finally, our application only requires the host to have a spotify account. Guests can simply use our mobile friendly web app saving them the effort of installing an app.

<https://github.com/DonaldBough/Chorus>

### Pritesh Kadiwala - Where@

Where@ is a travel guide for tourists looking for a unique local experience such as attractions, restaurants. Furthermore, it provides a chance for local/small businesses to attract a larger customer base. Where@ will allow users to post and vote on locations and experiences.

<https://github.com/priteshkadiwala/WhereAT>

### Rei Orikata - Boiler Card Game (BCG)

Mobile trading card games like Hearthstone are very popular compared to traditional card games. Traditional card games usually come in a physical form and setting up a game is very time-consuming. However, the BCG mobile app can set up the games for the players. This makes the game a lot easier to play and much more fun. Using BCG, people can build their own card deck with the cards they like using the card collection in the game and use then use their physical deck to play with others.

<https://github.com/orirei/Team5-Project>