

CT Explored Scavenger Hunt App

Product Backlog
Mad Hatterz

Team members: [redacted]

Backlog:

Taken from our git project: [redacted]

Total points: 30 points

Sprint one: 8 points

User Stories

1. **As a User I would like to be able to select a trail from a list so I can go to the point of interest (POI).**
 - a. **Precondition - The user must have a list.**
 - b. **Postcondition - The user will have selected a trail to go on.**
 - c. **Points - 3**
 - d. **Priority - Medium**
 - e. **Sprint 1**
2. **As a Developer I would like to create the basic UI of the app, so I can create the rest of the functionality and have a basis to work from.**
 - a. **Precondition – Developer must have an idea of how the app will look.**
 - b. **Postcondition – The basic UI of the app will be developed.**
 - c. **Points - 3**
 - d. **Priority - High**
 - e. **Sprint 1**
3. **As a Developer I would like to pull in data from the XML file so I can create POI in the app.**
 - a. **Precondition - The XML must be populated with data.**
 - b. **Postcondition - The app will display data from the XML file.**
 - c. **Points - 2**
 - d. **Priority - Medium**
 - e. **Sprint 1**
4. **As a User I would like to be able to see the map and know where the POI's from the trail that I selected so I can get to the POI.**
 - a. **Precondition – Trail must be selected**
 - b. **Postcondition – The user will see the map and where the POI's is.**
 - c. **Points – 5**
 - d. **Priority - High**
5. **As a User I would like to select a POI so I can learn more about it.**
 - a. **Precondition - The user needs to select a POI from the map.**
 - b. **Postcondition - The user will see information about the POI displayed on the app (image, and text).**
 - c. **Points - 2**
 - d. **Priority – High**
6. **As a Developer I would like to create a bot to track hashtags so I can award points to users.**
 - a. **Precondition – Users have posted on social media with a hashtag.**

- b. Postcondition - The user receives points when posting pictures with the specific hashtag.
 - c. Points – 5
 - d. Priority - High
- 7. As a User I would like a button to be able to post a picture with a specific hashtag so I can get points.
 - a. Precondition - The user has a social media account (Facebook).
 - b. Postcondition - The user will have clicked the button that takes them to Facebook to post a picture.
 - c. Points - 2
 - d. Priority – Medium
- 8. As a Developer I would like to create a points system so I can create a leaderboard that can display on website.
 - a. Precondition - A working bot.
 - b. Postcondition – There will be a leaderboard displaying people with highest points.
 - c. Points - 5
 - d. Priority – Medium
- 9. As a User I would like to be able to contact CT Explored so I can ask questions/comments.
 - a. Precondition – There's a button to view contact information.
 - b. Postcondition – The user can reach out to CT explored via many options.
 - c. Points - 2
 - d. Priority – Low
- 10. As a User I would like to change the size of the text so I can see it better. (Reach goal).
 - a. Precondition – Different options of text size to choose from.
 - b. Postcondition - The user has a bigger/smaller font size.
 - c. Points - 1
 - d. Priority – Low
- 11. As a User I would like to have a scrollable list of destinations in alphabetical order/searchable list of destinations (Reach goal).
 - a. Precondition – There is a list of destinations/tours in the app.
 - b. Postcondition - The user can scroll/search through the list to find their destination.
 - c. Points - 1
 - d. Priority – Low

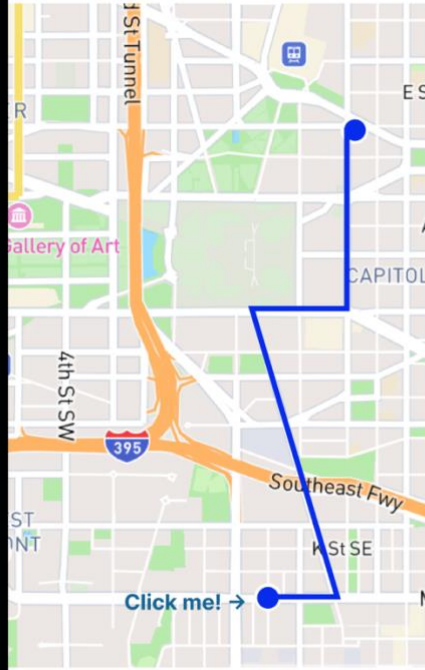
Functionality at the end of sprint one:

Our first sprint will have the basic UI of the mobile application setup. Along with this, there will be a list of POIs that the user can choose from, to be able to go on different trails. Lastly, we will create an XML file that will store the different walking trails with POIs and our app will have access to that data and be able to pull it in.

UI Designs:



New Haven Walking Tour





Glossary

1. POI: Points of interest; Will be displayed on the map, they're the locations specified by CT explored.
2. UI: User Interface; The way the app looks to the user and what they can interact with.
3. XML file: Extensible Markup Language; used to store and transmit data.
4. Bot: Online resource that scrapes a webpage for specific information (like a specific hashtag).