**Executive Summary:**

GetTrippy is a web site base application that is targeting individuals of all ages that are simply just trying to explore with oneself or with friends, a quick vacation for friends/family, and dates. GetTrippy is using the explore/travel industry to bring all types of individuals together and at the same time helping companies see how they are ranking up against their competitors. GetTrippy will be a very user friendly web site that even someone that isn’t good with computers will be able to navigate through the site with no problem. By being a registered user on GetTrippy finding a site/museum to explore and travel to will be a walk in the park. You will be able to see the top ranked sites/museums in your local area with reviews from other registered users and the most talked about place around you.

Registered users will have a ranking. The ranking will be according to each time a person on the site thinks a user’s review is helpful to them. This will help people feel more at ease when they are reading a review given by the user about a place. GetTrippy will also be able to display the most current photos of a place that a registered user is visiting by giving registered users the feature of being able to upload a pic with a description about the location and being able to rank the place right away. Other registered users will be able to comment on these posts as well. The most important thing to GetTrippy is being able to help people figure out where to explore with ease and time efficiency so they can spend more time exploring and socializing out of their work and home environment.

**Competitive Analysis:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | GetTrippy | TravelAdvisor | TravelZoo | Expedia |
| Approximate Pricing | x | x | x | x |
| Offer Deals |  |  | x | x |
| Add New Items | x |  |  |  |
| Attractions | x | x | x | x |
| Offer Transportation |  |  | x | x |
| User Login | x | x | x | x |

There are several different travel advisory sites already in exists. To name a few competitors, TravelAdvisor, TravelZoo, and Expedia. In comparison, all of these sites like our site, GetTrippy, offers approximate pricing for activities and places, displays different attractions, as well as user login. Unlike our competitors, GetTrippy offers the features to be able to add new attractions and places, once verified. This feature allows for any attraction or place that is not already presented on the site the opportunity to be added. Some of the competitors do have some features that GetTrippy does not, such as the feature to offer deals or the ability to offer transportation. These are features that GetTrippy are not opposed to eventually adding.

**Overview and Scenarios:**

The site provides users the ability to interact with users to help discover new places to go, and exciting activities to do. A user can simply pull up our website and search for a specific place or activity and it will provide them a list of items that we have that match their criteria with a brief description of the item. Then they can click on the one that they feel interest them most. A new page will load for the specific item and provide more details about it. The user then can review the ratings that have been provided by other users, and also explore the comments other users have left. They can even leave comments under other users comments to engage in a small discussion about the item. If a user wants to add a place or activity that doesn’t already exist then they can use the add feature. It would ask for the name, location, category, description and optionally a picture of the location. This would submit their request to be reviewed by an admin who can determine if the site would benefit from adding it.

**High-level Functional Requirements:**

1. User login/register
   * User is able to create a username/password. The user will have to provide the following: Username, password, their name, and e-mail address.
   * Constraint: The username and e-mail must not already exist in our database. The password has to be at least 6 characters, and can only contact numbers & letters.
2. User can submit new items.
   * Users are able to submit new items that currently do not exist. This way the content of the site will be community based.
   * Constraint: The submission isn’t automatic, and must go through an approval process.
3. Read comments and information on items.
   * Users can read the comments that other users have left on each item, as well as the default description, location, and other information about the item.
4. Comment/Rate on existing items, and comments.
   * Users can leave their own comments, and rate items. They can also comment on other user’s comments.
   * Constraint: You can reply to an original comment, but not to a reply.
5. Submit pictures, and videos for items.
   * Users can submit different media on an item. Like pictures and videos of the item.
   * Constraint: Media has to go through an approval process.
6. Search items.
   * Users can search for items based on its name, or keywords.
   * Constraint: The spelling has to be correct, and match existing keywords that were made for the items.
7. Delete comment made by user.
   * Users have the ability to delete their comments by just clicking a delete button on their comment that only they’d see.
   * Constraint: Can only delete their comment.
8. Recommendations
   * Based on keywords of the current item the user is looking at, we can create recommendations.
   * Constraint: Recommendations will be based only on tags/keywords that are stored in the database.
9. Filter/sort based on ratings
   * Allow users to filter search results based on ratings and/or sort them by ratings.
10. Notify user if someone leaves a comment under their comment via e-mail.
    * When a user replies to another user’s comment, it will notify the user of the reply.
11. Shows approximate costs of attractions
    * If the item has a cost to it, we will show a range or approximation of the last known price.
    * Constraint: Prices will not be live, and will require manually updating.

**Non-functional Requirements:**

1. Hash/Salt user passwords
   * Constraints: Unable to recover password, only reset.
2. Use sessions to remember users
3. Search takes less than 5 seconds
4. Implementation: Top-down design
5. Site works on Google Chrome, and Safari
   * Constraints: No support to other browsers.
6. No training time needed

**System Development Infrastructure:**

* PHP
* CSS
* Bootstrap
* GitHub
* Someone.io
* JavaScript
* MySQL
* Google Maps API
* Notepad++
* WinSCP

**Team Details:**

Name: Syntax Error

Positions:

* Product Owner: Dustin Owen
* Scrum Master: Bryan Haskell
* Development Team: Carishea Frame, Dustin Owen, Bryan Haskell

Assignments:

* Executive Summary: Bryan H.
* Competitive Analysis: Carishea F.
* Overview and Scenarios: Dustin O.
* Initial List of high-level functional requirements: Development Team
* List of Non-Functional requirements: Development Team
* System Development Infrastructure: Development Team
* Team: Carishea F.
* Deliverables: Development Team

**Deliverables:**

https://syntaxerror.someone.io/