**Unit Tests and Skeleton**

Button for create user - test that it creates a new user and inputs into the database

Links to different pages- test that the links work and will take the user to the desired page on the website

Login- test that the user can successfully log into their account without trouble using name and password matching.

Social Media- test that someone can view the entire feed on the site if they want and that the social media feed will show the feed. Also make sure that the user can use the links to share their experience.

Links for donation- test that the user can donate their desired amount of money and that they will have a confirmation when it’s successful. We will make sure that the payment reaches the company and payment company

Game- test that the experience does increase and will level up on the user’s account.

Geolocation - ensure that geolocation works - The user can pin their own location in a park and see where the locations of others parks are.

Graphics - the website graphics are properly displayed and formatted to fit the header of the website.

Ticket Submit - test that the user can enter text, and submit an email to the support. This also can be entered into the database

Log out - allow user to successfully log out of the account

URL - ensure that the website is up and running

**Integration Testing**

Geolocation - ensure geolocation works on the map present on the site and shows locations of parks in the United States

Create user and login - test that user information used to create an account can be used to login to the same account

Graphics and social media/game - make sure that social media and gaming features do not affect the graphics layout or formatting

Game and logout - make sure that game experience is permanently on their account and won’t be wiped when logging out

**Regression Test Procedure**

Using prioritization method

1. Login/user creation modification should be tested to ensure that user account are still active, not deleted
2. Modifying the games and/or geolocation does not delete user game experience and list of parks visited
3. Changes to the ticket submittal system do not delete current database data
4. Changes to donation link ensure that the donation link does not fail in any way - there should be a connection to the company and Paypal
5. Changing the site graphics should not ruin other parts of the site such as social media feed
6. Modifying social media feed should keep formatting
7. Level up should not be wiped when logging out and should be permanent on the account

**End to End System Test Procedure**

1. Load website URL
2. Load each web page separately
3. Footer displays correctly on each webpage
4. See that each page is being loaded with a random header image
5. Drop-down menu works correctly for account pages
6. Create a user account
7. Delete a user account
8. If user is not logged in, see that there is a prompt to log in to access member features of the website
9. Check that user account information is properly displayed in the system database
10. User can change their password in the password reset page
11. Send a donation to the website to ensure that the Paypal connection is working
12. Ensure that Twitter and instagram feeds are showing properly
13. Ensure that it is possible to copy and share the URL to the website
14. Check that users can make a post submission
15. User ranking/score updates when a user makes a new post
16. Send a support ticket and check the database to ensure that the support ticket was logged in the database
17. Add notes to tickets from both user/admin accounts
18. Delete tickets and make sure they are removed from the database