CODE REVIEW CRITERIA

**General**

1. Does the code produce the intended results?
2. Is the code well-documented (comments) and easily understood?
3. Is the intended purpose of the code clear?
4. Is the code format consistent?
5. Do variable and function names follow the same conventions?
6. Are there any redundancies in the code?
7. Do loops terminate?
8. Is there any incomplete or commented-out code?

**Security**

1. Are errors from third-party applications (Google Maps, Social Media, etc.) being caught?
2. Is input data being checked for proper format (length, data type, etc.) and encrypted?
3. Is invalid input data caught and handled?

**State and Parks Directory**

1. Does a completed search send you to the local park list?
2. Does clicking a location on the map create a pop-up summary of the area?
3. Does the pop-up summary contain a link that sends you to the local park list?
4. Are park locations sorted correctly?
5. Does each park title in the local park list link to that parks main page?

**Pricing and Tickets**

1. Is the ticket purchase being handled securely?
2. Is invalid card information being handled?
3. Is the information for parks(each tickets) being displayed properly?
4. Are errors in the ticket scripts caught and handled?

**Gallery**

1. Are users able to view the source of the photo?
2. Can users comment on or rate photos?
3. Can users submit their own photos to the Gallery?
4. Do the most popular/highest rated photos appear at the top of the gallery?

**Donations**

1. Is the donation tier purchase handled securely?
2. Is the amount of donations tiers displayed correctly?
3. Is it putting the right amounts in the cart for checkout?

**User Profiles**

1. Does the user profile effectively display the user’s information?
2. Is the user able to connect to other users?
3. Is the user able to track the parks that they have visited?
4. Can the user share photos and other information about parks they’ve visited?
5. Does the user profile integrate with social media sites effectively?
6. Is the user able to view achievements they unlocked while playing the game at each park?
7. Is the user able to sign in/sign up with an email and password?

**Game**

1. Can the game be successfully deployed to the website?
2. Is the game functioning as intended?
3. Are the game assets successfully displayed in the game window?
4. Are errors in game scripts caught and handled?
5. Is the game viewable on each user’s profile?
6. Is the game instance specific to the user profile?
7. Can the user interact with the game on their profile?
8. Is the user the only one able to make changes to their specific game instance?

**Database**

1. Are the tables and relationships well managed in MySQL?
2. Can data be accessed and manipulated?
3. Is the database schema linked correctly for fast queries?
4. How are errors handled when inputting malformatted data?