**Test Scope:**

Web App: Conestoga Park Reservation App

Test Scope: User functionality

**Test Objectives:**

- Verify that users can register.

- Verify that users can sign in.

- Verify that users can manage their bookings/reservations (create, edit, delete)

- Verify that the information on the website is correct.

- Verify that the web app is secure and protects user data

**Test Scenarios:**

1. User Register and Sign-in

2. User make a reservation, and modify / delete.

3. Security and Data Protection

**Test Cases:**

User register :

- Test Case 1: Use correct input.

- Test Case 2: Use wrong input, Provide wrong password format

- Test Case 3: Use email address to receive confirmation code.

- Test Case 4: Validate a duplicate email address.

User Sign-in :

- Test Case 5: Successful user sign-in

- Test Case 6: Unsuccessful user sign-in (incorrect credentials)

User booking management:

- Test Case 7: Create new booking

- Test Case 8: Edit existing booking

- Test Case 9:Cancel user’s booking

Weather Information:

- Test Case 10: Validate the website provide correct weather information

and understandable icons related.

Security and Data Protection:

- Test Case 13: Verify secure connection (HTTPS)

- Test Case 14: Verify password is safely encrypted before storing in database

- Test Case 15: Verify protection against SQL injection and cross-site scripting (XSS)

**Test Data:**

- User credentials (uesrname: “BensonXie”, password: “Aa@123456”)

- booking data (starting date: Aug 05, ending date: Aug 08, adult: 4 people, child: 2 people. Parking: yes.)

- Booking data (user ID : 17, order ID : 33, status : 0 )

**Test Schedule:**

Estimated testing time: 2 days

**Test Environment:**

- http://127.0.0.1/landing

- Test user and admin accounts

- Test data ( random booking details)

**Test Deliverables:**

- UAT test report

- List of defects and recommendations for improvement