

## **TEST CASES**

### **Test 1**

1. Search
  - a. Input
    - i. User repository
    - ii. Username
  - b. Tests
    - i. User types repository in repository box
    - ii. User types username in username box
    - iii. Click go button
    - iv. Successful search

### **Test 2**

2. Database post
  - a. Input
    - i. User repository
    - ii. Username
  - b. Tests
    - i. User types repository in repository box
    - ii. User types username in username box
    - iii. Click go button
    - iv. Successful send data to SQL database

### **Test 3**

3. Use past searches
  - a. Input
    - i. Click on past search
  - b. Tests
    - i. User decides which past search they would like
    - ii. User Clicks past search they want
    - iii. Click go button
    - iv. Successful search of stored repository and username

## **RISK CASES**

### **Risk 1**

1. Mistype username or password
  - a. Mitigation:
    - i. A pop up shows up that says "invalid username or repository"

### **Risk 2**

1. Username doesn't exist in Repository
  - a. Mitigation
    - i. A pop is displayed stating that the specific user is not a contributor to the desired repository

**Risk 3**

1. Github API is down
  - a. Mitigation
    - i. A pop error is displayed that says “Functionality is down, please try again later!”