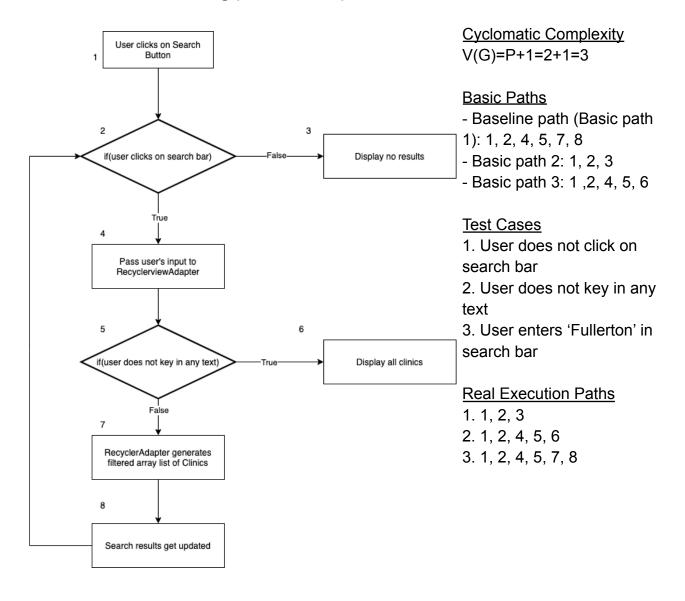
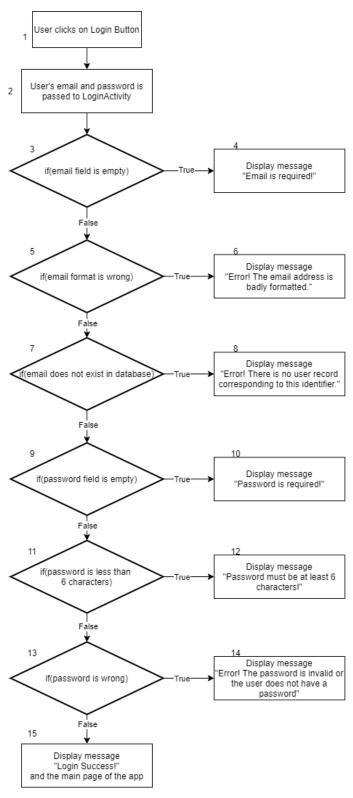
Control Flow Testing (Clinic Search)



Control Flow Testing (User Login)



Cyclomatic Complexity V(G)=P+1=6+1=7

Basic Paths

- Baseline path (Basic path 1):
- 1, 2, 3, 5, 7, 9, 11, 13, 15
- Basic path 2: 1, 2, 3, 4
- Basic path 3: 1, 2, 3, 5, 6
- Basic path 4: 1, 2, 3, 5, 7, 8
- Basic path 5: 1, 2, 3, 5, 7, 9, 10
- Basic path 6: 1, 2, 3, 5, 7, 9,
- 11, 12
- Basic path 7: 1, 2, 3, 5, 7, 9, 11, 13, 14

Test Cases

- 1. User leaves the email field empty
- 2. User types in an email that does not follow the email format
- 3. User types in an email that is not in the database
- 4. User types in a correct email but leaves the password field empty
- 5. User types in a correct email and a password that is less than 6 characters
- 6. User types in a correct email but a wrong password
- 7. User types in a correct email and password

Real Execution Paths

- 1. 1, 2, 3, 4
- 2. 1, 2, 3, 5, 6
- 3. 1, 2, 4, 5, 7, 8
- 4. 1, 2, 3, 5, 7, 9, 10
- 5. 1, 2, 3, 5, 7, 9, 11, 12
- 6. 1, 2, 3, 5, 7, 9, 11, 13, 14
- 7. 1, 2, 3, 5, 7, 9, 11, 13, 15