**Test Case** **0029**

**System:** VirtuCardsHost, VirtuCardsClient

**Description:** Tests the functionality of the account statistics update in Google Firebase

**Severity:** 3

**Instructions**

**Test 1**

1. Start VirtuCardsHost application.
2. Sign-In using the following credentials:

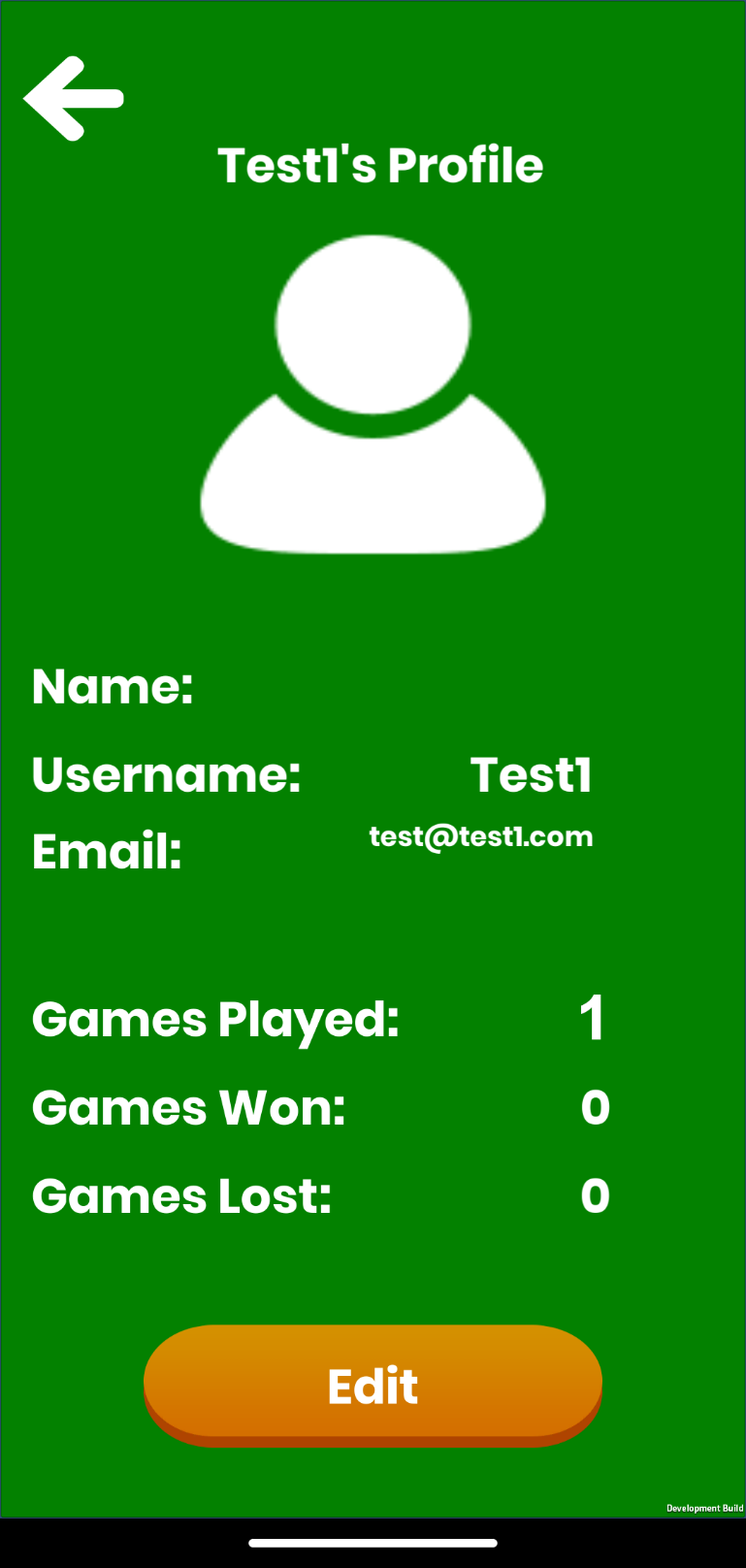
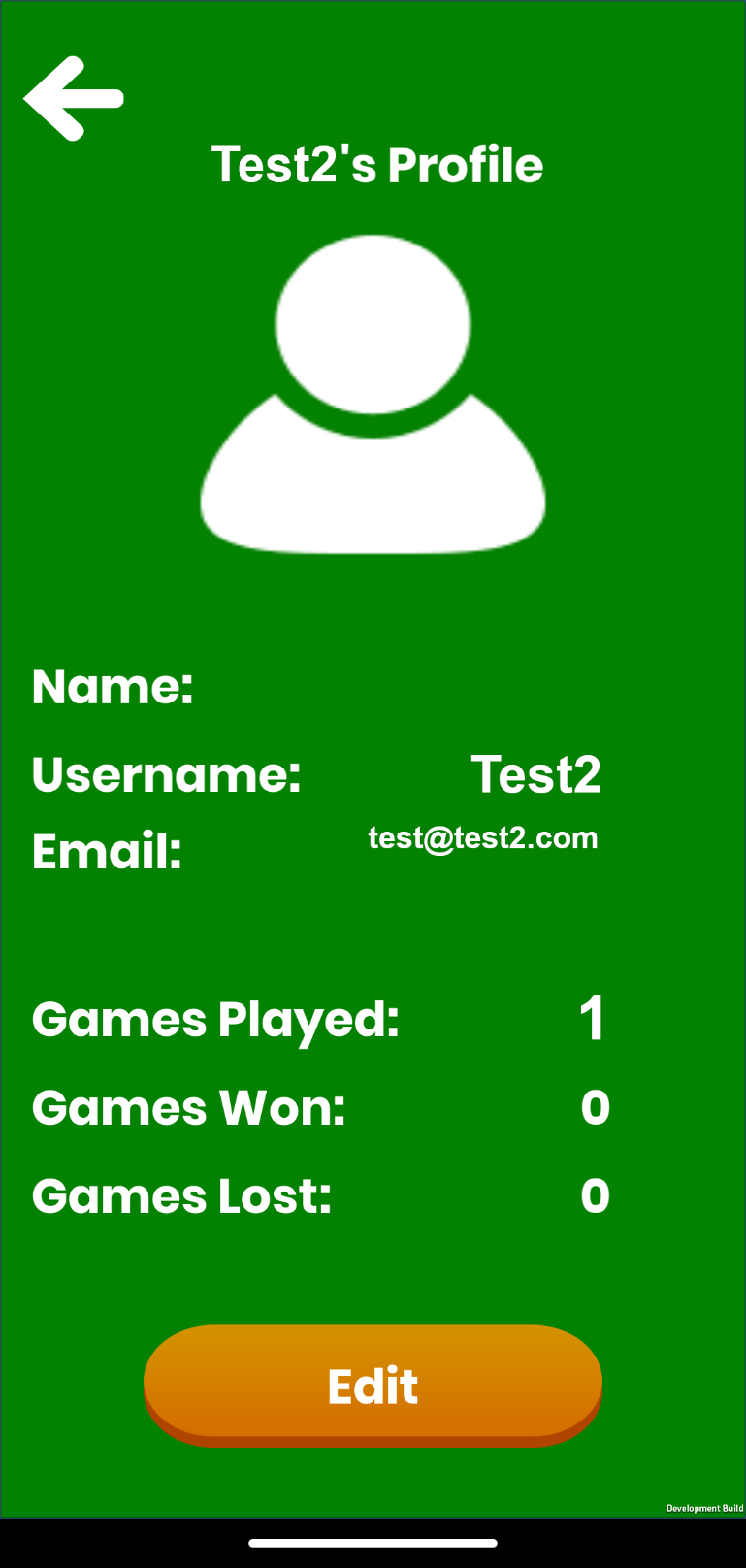
E-mail: micro@soft.com, Password: Password!123

1. Press the *Next* button on the ‘Login Success!’ window.
2. Select the desired game using the drop-down menu in the center of the screen.
3. Click the *Create Game* button.
4. Noted the displayed JoinCode.
5. Start the VirtuCardsClient application.
6. Sign-In using the following credentials:

E-mail: test@test1.com, Password: Password!123

1. Click the *Next* button on the ‘Login Success!’ window.
2. Click the Profile Screen and note the number of Games Played.
3. Enter the displayed JoinCode into the *Enter Code* field.
4. Click the *Join* button.
5. Repeat steps 8-12 on another instance of the VirtuCardsClient application. Use the following credentials: E-mail: test@test2.com, Password: Password!123
6. Click *Start Game* on the VirtuCardsHost application.
7. Play through the game.
8. Exit the game
9. Exit the Waiting Screen
10. Click the Profile icon and view the Profile Screen.

**Expected Result:** The Games Played field for both test@test1.com and test@test2.com should have incremented by one.

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**The above images display the Profile screens for test@test1.com and test@test2.com. The Games Played has been incremented by 1.**

**Test 2**

1. Start VirtuCardsHost application.
2. Sign-In using the following credentials:

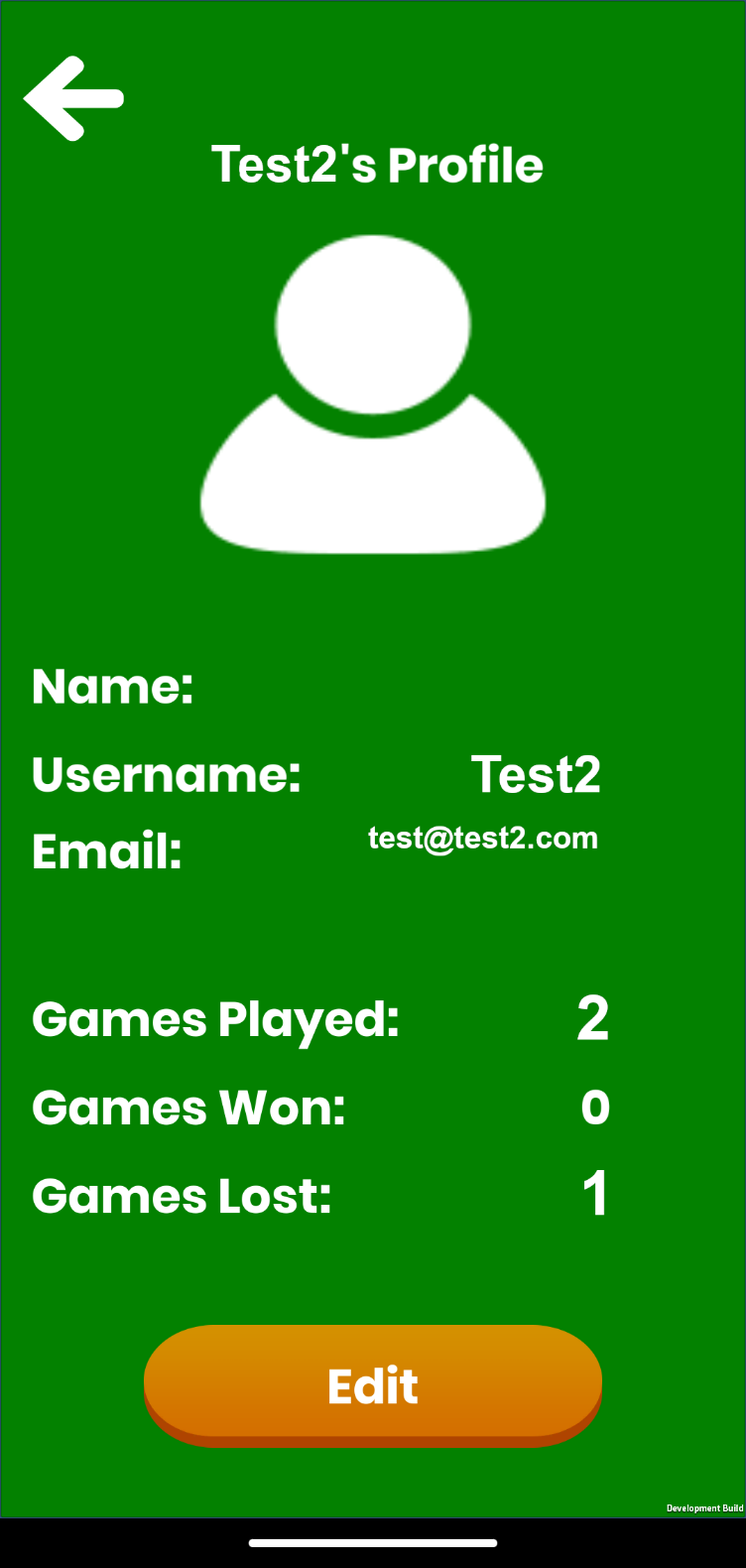
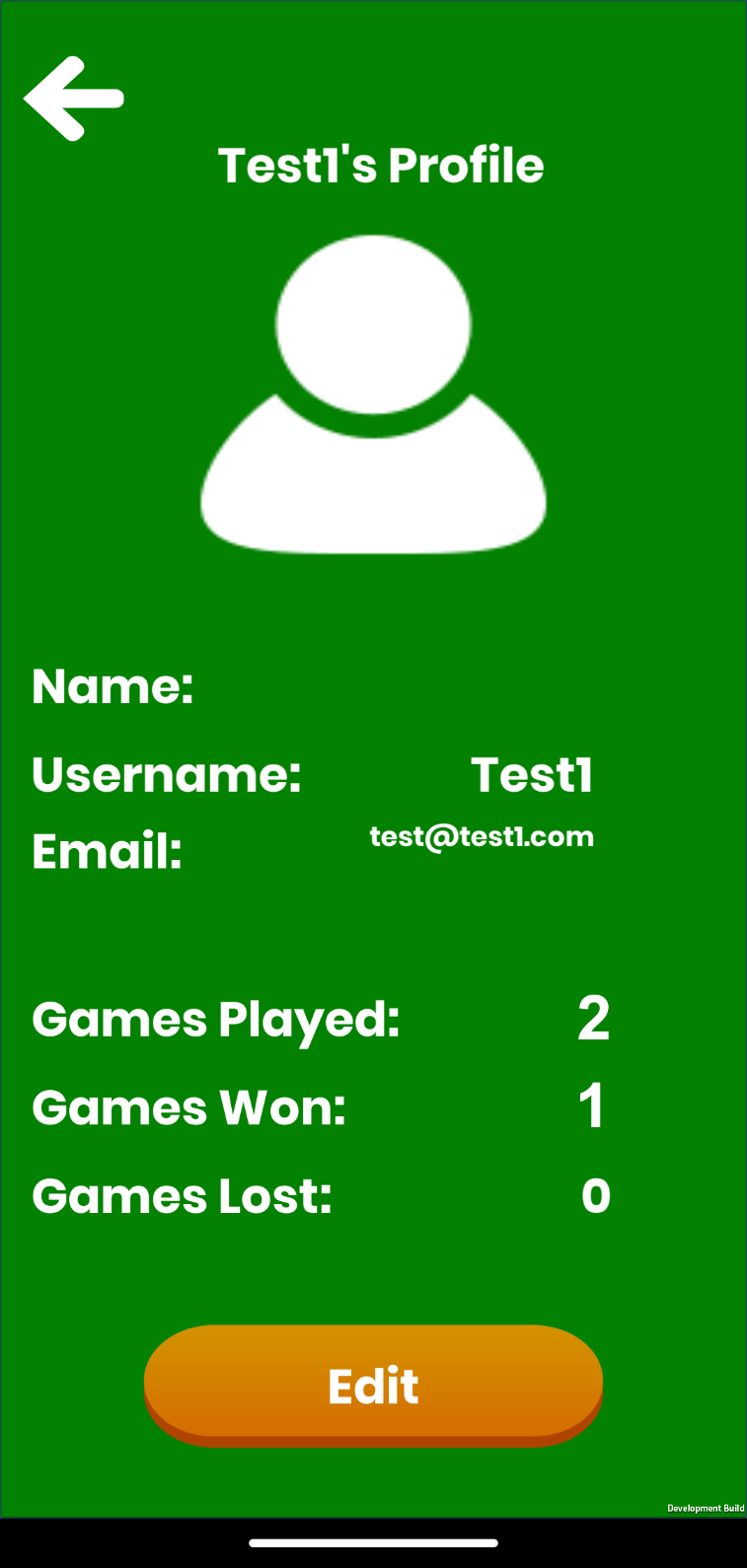
E-mail: micro@soft.com, Password: Password!123

1. Press the *Next* button on the ‘Login Success!’ window.
2. Select the desired game using the drop-down menu in the center of the screen.
3. Click the *Create Game* button.
4. Noted the displayed JoinCode.
5. Start the VirtuCardsClient application.
6. Sign-In using the following credentials:

E-mail: test@test1.com, Password: Password!123

1. Click the *Next* button on the ‘Login Success!’ window.
2. Click the Profile Screen and note the number of Games Won.
3. Enter the displayed JoinCode into the *Enter Code* field.
4. Click the *Join* button.
5. Repeat steps 8-12 on another instance of the VirtuCardsClient application. For this account however, note the number of Games Lost. Use the following credentials: E-mail: test@test2.com, Password: Password!123
6. Click *Start Game* on the VirtuCardsHost application.
7. Play through the game and let test@test1.com be the winner.
8. Exit the game
9. Exit the Waiting Screen
10. Click the Profile icon and view the Profile Screen.

**Expected Result:** The Games Won field for test@test1.com should have incremented by one. The Games Lost field for test@test2.com should have incremented by one. The Games Played field for both accounts should have been incremented by one.

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**The above images display the Profile screens for test@test1.com and test@test2.com. The Games Played has been incremented by 1. The Games Won and Games Lost have been incremented accordingly.**

**Test 3**

1. Start VirtuCardsHost application.
2. Sign-In using the following credentials:

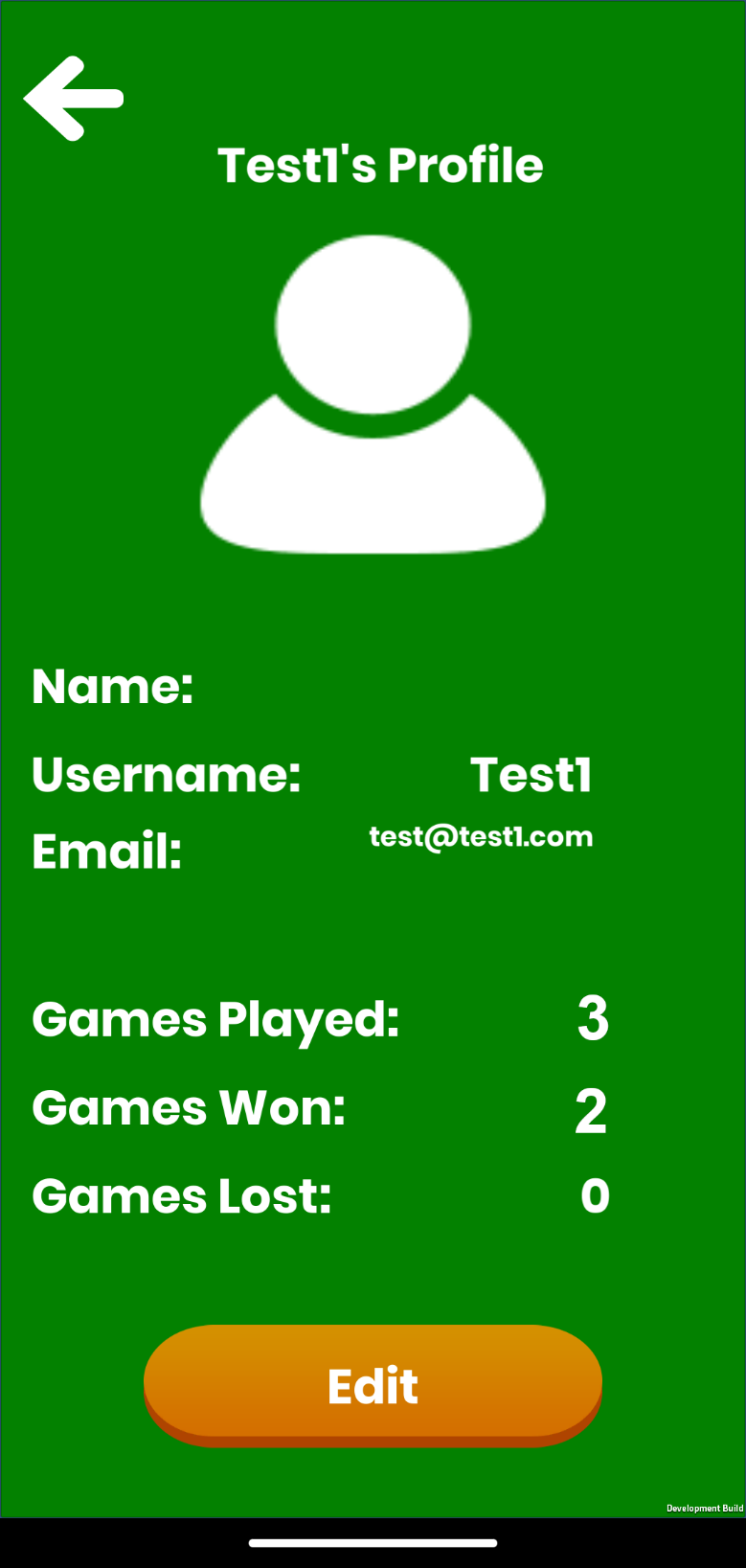
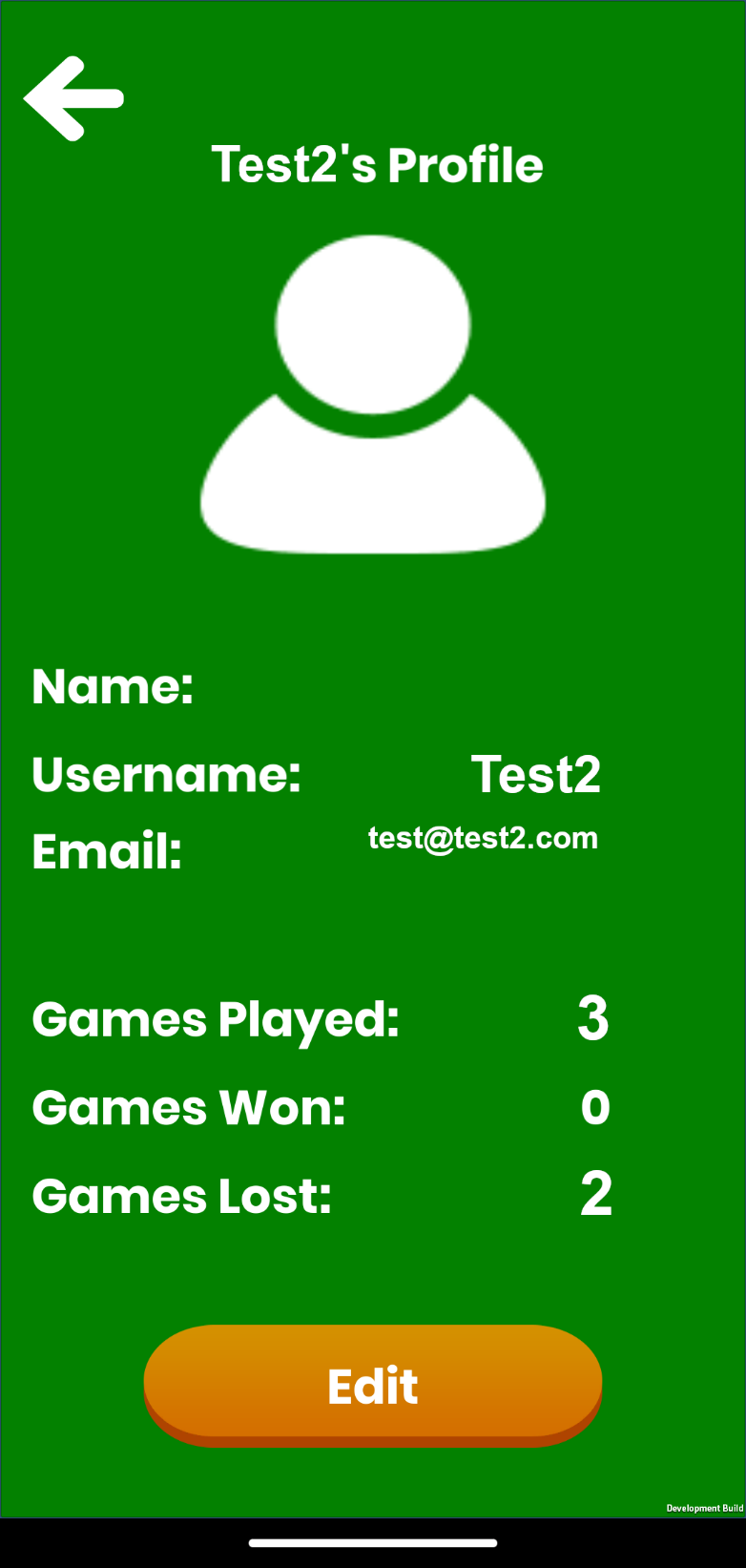
E-mail: micro@soft.com, Password: Password!123

1. Press the *Next* button on the ‘Login Success!’ window.
2. Select the desired game using the drop-down menu in the center of the screen.
3. Click the *Create Game* button.
4. Noted the displayed JoinCode.
5. Start the VirtuCardsClient application.
6. Sign-In using the following credentials:

E-mail: test@test1.com, Password: Password!123

1. Click the *Next* button on the ‘Login Success!’ window.
2. Click the Profile Screen and note the number of Games Played.
3. Enter the displayed JoinCode into the *Enter Code* field.
4. Click the *Join* button.
5. Repeat steps 8-12 on another instance of the VirtuCardsClient application. Use the following credentials: E-mail: test@test2.com, Password: Password!123
6. Click *Start Game* on the VirtuCardsHost application.
7. Declare test@test1.com as the winner.
8. Exit the game
9. Exit the Waiting Screen
10. Click the Profile icon and view the Profile Screen.

**Expected Result:** The Games Won field for test@test1.com should have incremented by one. The Games Lost field for test@test2.com should have incremented by one. The Games Played field for both accounts should have incremented by one.

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**The above images display the Profile screens for test@test1.com and test@test2.com. The Games Played has been incremented by 1. The Games Won and Games Lost have been incremented accordingly.**

**Test 4**

1. Start VirtuCardsHost application.
2. Sign-In using the following credentials:

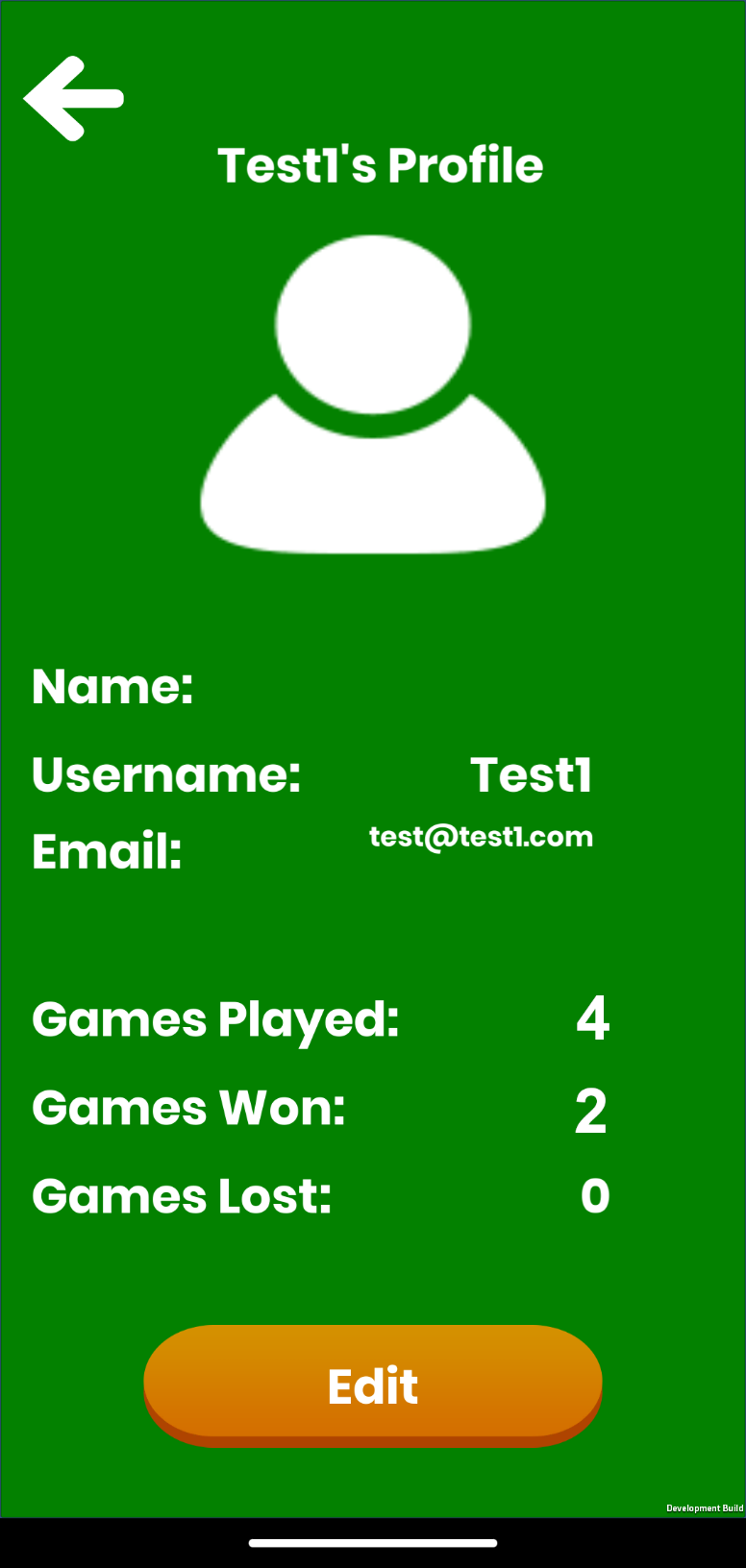
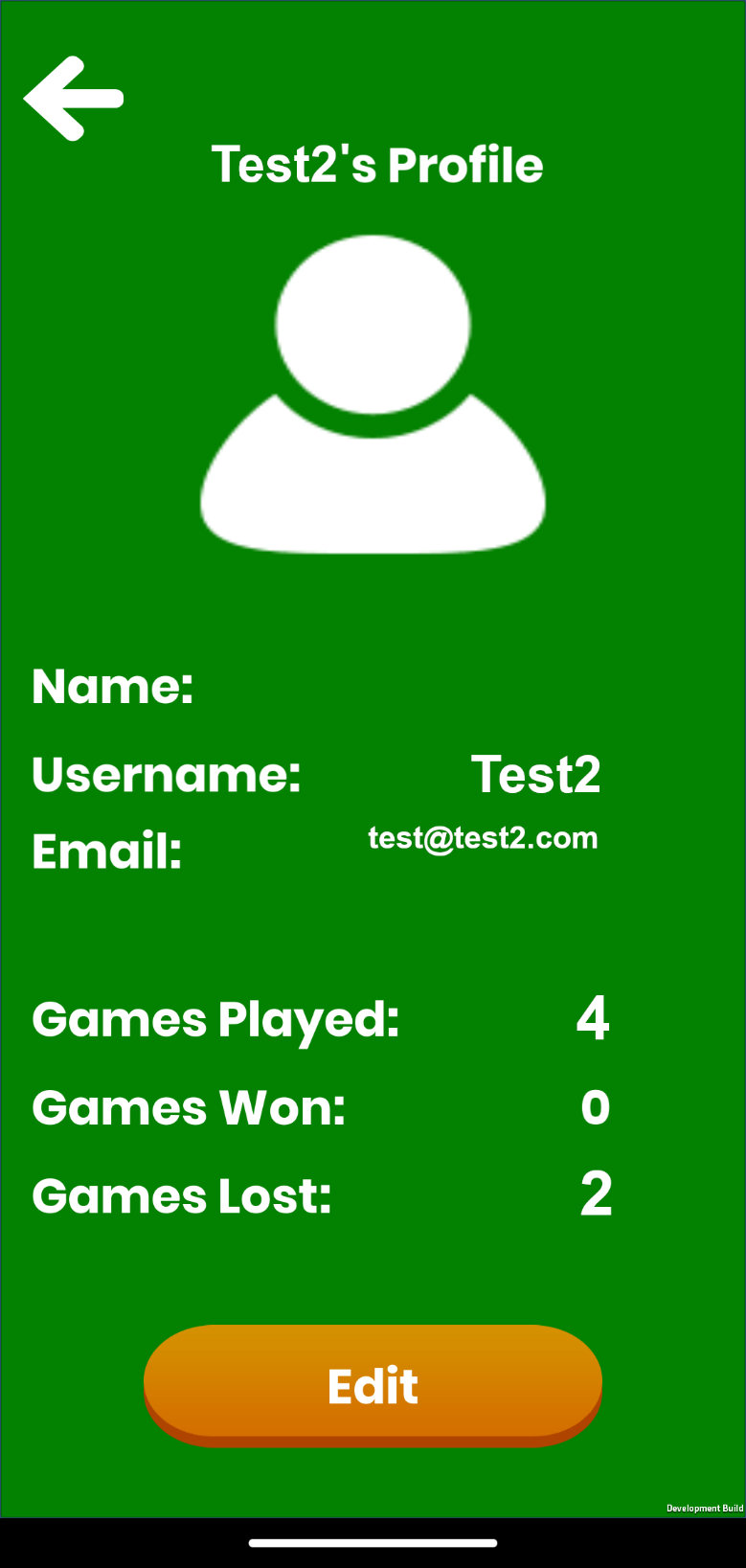
E-mail: micro@soft.com, Password: Password!123

1. Press the *Next* button on the ‘Login Success!’ window.
2. Select the desired game using the drop-down menu in the center of the screen.
3. Click the *Create Game* button.
4. Noted the displayed JoinCode.
5. Start the VirtuCardsClient application.
6. Sign-In using the following credentials:

E-mail: test@test1.com, Password: Password!123

1. Click the *Next* button on the ‘Login Success!’ window.
2. Click the Profile Screen and note the number of Games Played, Games Won, and Games Lost.
3. Enter the displayed JoinCode into the *Enter Code* field.
4. Click the *Join* button.
5. Repeat steps 8-12 on another instance of the VirtuCardsClient application. Use the following credentials: E-mail: test@test2.com, Password: Password!123
6. Click *Start Game* on the VirtuCardsHost application.
7. Play the game but leave the game with one account (test@test1.com) midway.
8. Exit the game
9. Exit the Waiting Screen
10. Click the Profile icon and view the Profile Screen.

**Expected Result:** The Games Played field should have incremented for both test@test1.com and test@test2.com by one. The Games Won and Games Lost for both should not have incremented.



**The above images display the Profile screens for test@test1.com and test@test2.com. The Games Played has been incremented by 1.**