

## **Test Case 0017**

**System:** VirtuCardsClient & VirtuCardsHost

**Description:** Tests that the username and player name can be changed

**Severity:** 3

### **Instructions**

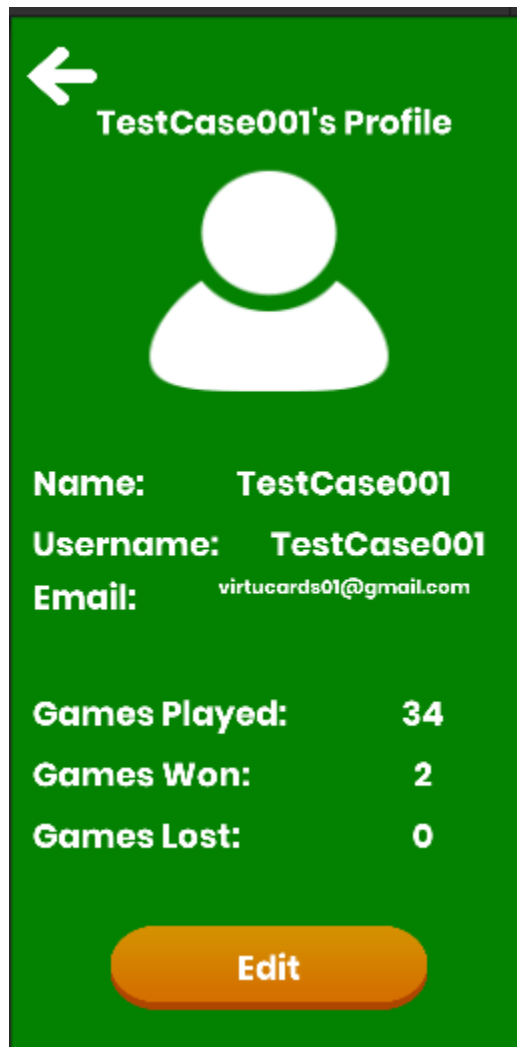
#### **Test1**

1. Start VirtuCardClient application
2. Click the button labeled "Sign In"
3. Enter "virtucards01@gmail.com" into the text input labeled "Enter email..."
4. Enter "Testing1" into the text input labeled "Enter password..."
5. Press the button labeled "Login"
6. A window should appear saying "Login Success"
7. Press the OK button that appears on that window
8. Press the Profile button on the top left of the screen

**Expected Result:** There is a screen that displays the profile information

## VirtuCard Client:

Profile View screen



## Test2

1. Start VirtuCardClient application
2. Click the button labeled "Sign In"
3. Enter "virtucards01@gmail.com" into the text input labeled "Enter email..."
4. Enter "Testing1" into the text input labeled "Enter password..."
5. Press the button labeled "Login"
6. A window should appear saying "Login Success"
7. Press the OK button that appears on that window
8. Press the Profile button on the top left of the screen
9. Press the Edit button at the bottom of the screen
10. Enter text into the Input boxes for Name and Username

**Expected Result:** There is a screen that allows the profile information to be edited

## VirtuCard Client:

Edit View screen



The image shows a mobile application screen for editing a user profile. The background is a solid green color. At the top left, there is a white left-pointing arrow. To its right, the text "TestCase001's Profile" is displayed in white. Below this is a large white silhouette of a person's head and shoulders. Underneath the silhouette, there are three input fields with white text on a green background. The first is labeled "Name:" and contains the text "NewName". The second is labeled "Username:" and contains the text "NewUsername". The third is labeled "Email:" and contains the text "virtucards01@gmail.com". Below these fields, there are three rows of statistics, each with a label and a value. The first row is "Games Played:" followed by the value "34". The second row is "Games Won:" followed by the value "2". The third row is "Games Lost:" followed by the value "0". At the bottom of the screen, there is a large, rounded orange button with the word "Submit" in white text.

← TestCase001's Profile



Name:

Username:

Email:

Games Played: 34

Games Won: 2

Games Lost: 0

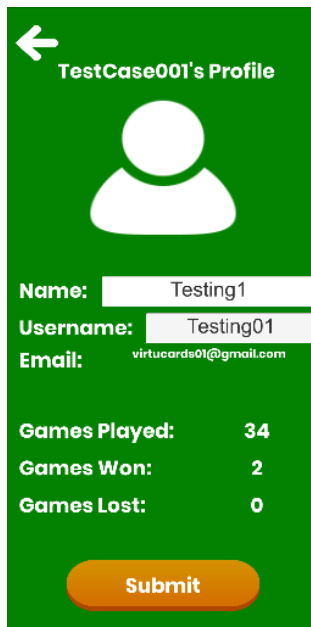
### Test3

1. Start VirtuCardClient application
2. Click the button labeled "Sign In"
3. Enter "virtucards01@gmail.com" into the text input labeled "Enter email..."
4. Enter "Testing1" into the text input labeled "Enter password..."
5. Press the button labeled "Login"
6. A window should appear saying "Login Success"
7. Press the OK button that appears on that window
8. Press the Profile button on the top left of the screen
9. Press the Edit button at the bottom of the screen
10. Enter text into the Input boxes for Name and Username for a new username and player name, except the previous username
11. Press the Submit button
12. Press the OK button on the confirmation
13. After returning to the Join Game page, press the Profile button on the top left of the screen.


**Expected Result:** There is a screen that allows the profile information to be edited and then a confirmation message is shown indicating the change has been made. The database is updated with the new information.

## VirtuCard Client:

Edit View screen



← TestCase001's Profile



Name:

Username:

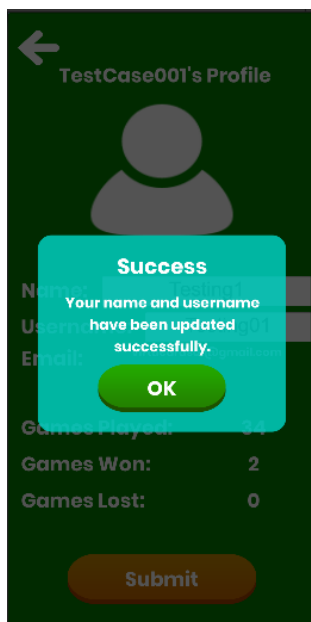
Email:

Games Played: 34


Games Won: 2

Games Lost: 0

After pressing the submit button



← TestCase001's Profile



**Success**

Your name and username have been updated successfully.

Name:

Username:

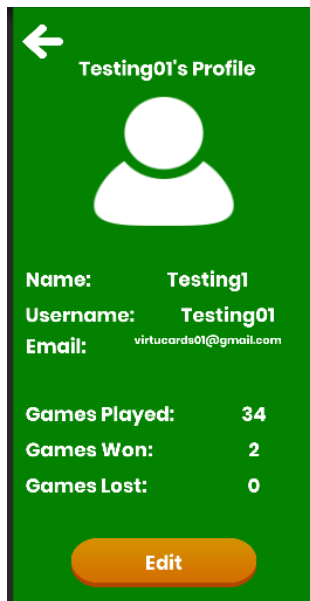
Email:

Games Played: 34

Games Won: 2

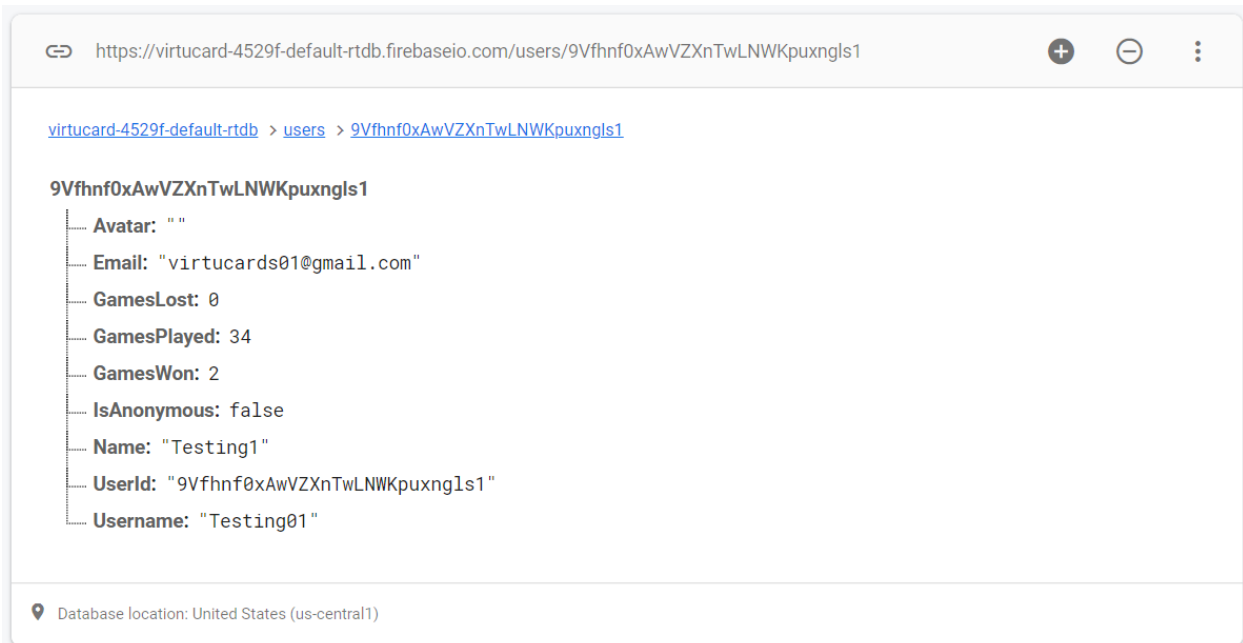
Games Lost: 0

Information updated on the profile screen



## Firestore:

Profile information updated in database



## Test4

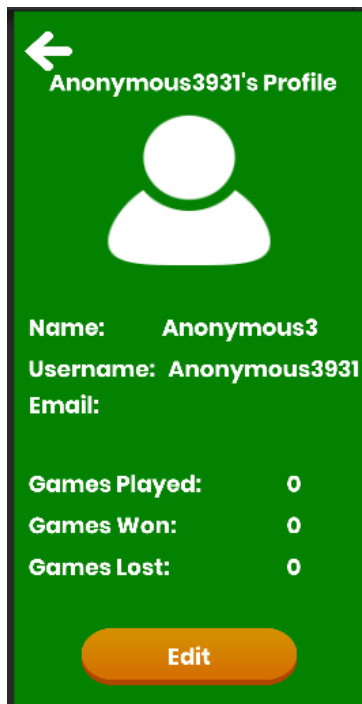
1. Start VirtuCardClient application
2. Click the button labeled "Play Anonymously"
3. Press the Profile button on the top left of the screen
4. Press the Edit button at the bottom of the screen
5. Press OK on the error panel that opens up

**Expected Result:** There is an error panel and the anonymous user is not allowed to change their profile data.

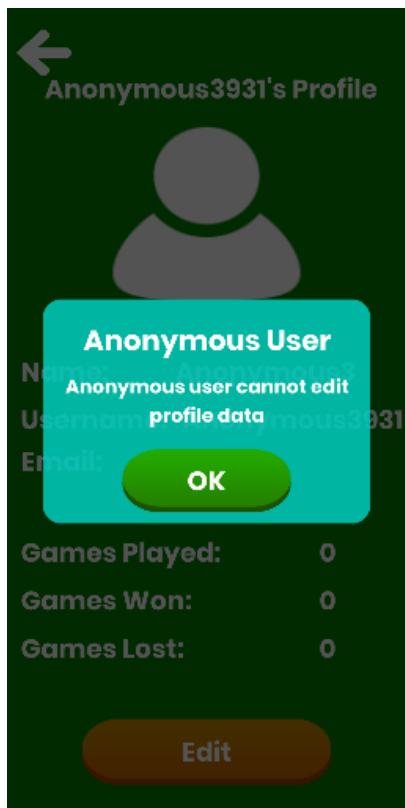


## VirtuCard Client:

### Profile View screen



After pressing the Edit button



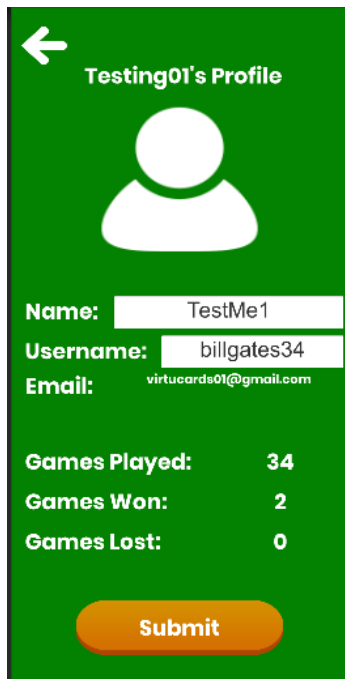
## Test5

1. Start VirtuCardClient application
2. Click the button labeled "Sign In"
3. Enter "virtucards01@gmail.com" into the text input labeled "Enter email..."
4. Enter "Testing1" into the text input labeled "Enter password..."
5. Press the button labeled "Login"
6. A window should appear saying "Login Success"
7. Press the OK button that appears on that window
8. Press the Profile button on the top left of the screen
9. Press the Edit button at the bottom of the screen
10. Enter any string into the Input box for Name and enter "billgates34" in the Input box for Username. (existing username)
11. Press the Submit button
12. Press the OK button on error panel that pops up

**Expected Result:** There is a screen that allows the profile information to be edited. An error message is shown indicating that the username already exists.

## VirtuCard Client:

Edit View screen



Testing01's Profile

Name: TestMe1

Username: billgates34

Email: virtucards01@gmail.com

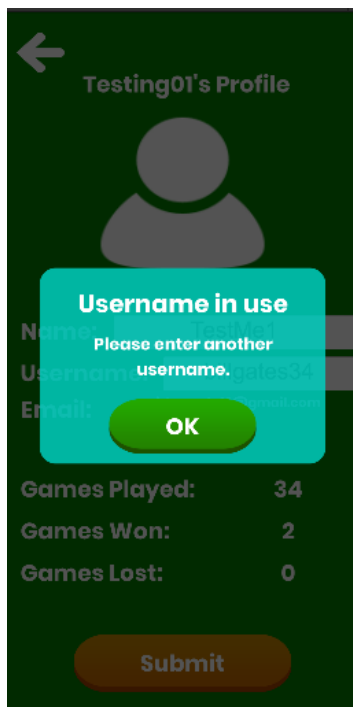
Games Played: 34

Games Won: 2

Games Lost: 0

Submit

Error panel shown due to existing username being used



Testing01's Profile

Name: TestMe1

Username: billgates34

Email: virtucards01@gmail.com

Games Played: 34

Games Won: 2

Games Lost: 0

Submit

**Username in use**

Please enter another username.

OK

## Firestore:

No changes made in the database



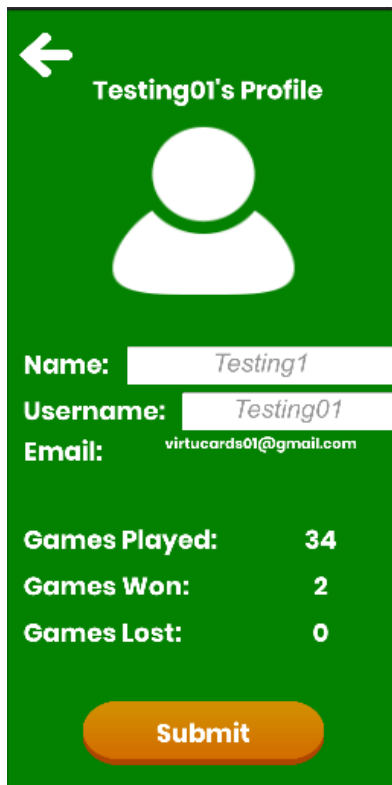
## Test5

1. Start VirtuCardClient application
2. Click the button labeled "Sign In"
3. Enter "virtucards01@gmail.com" into the text input labeled "Enter email..."
4. Enter "Testing1" into the text input labeled "Enter password..."
5. Press the button labeled "Login"
6. A window should appear saying "Login Success"
7. Press the OK button that appears on that window
8. Press the Profile button on the top left of the screen
9. Press the Edit button at the bottom of the screen
10. Do not enter any strings into the Input Boxes for Name and Username
11. Press the Submit button
12. Press the OK button on error panel that pops up


**Expected Result:** An error message is shown indicating that both fields are empty.

## VirtuCard Client:

Edit View screen



Testing01's Profile



Name:

Username:

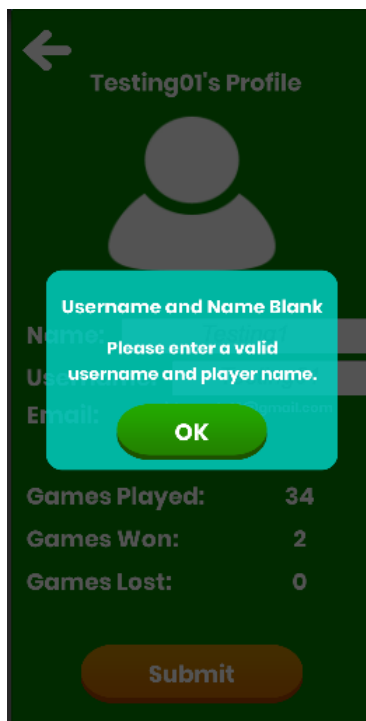
Email:

Games Played: 34


Games Won: 2

Games Lost: 0

Error panel due to empty inputs



Testing01's Profile



Username and Name Blank

Please enter a valid username and player name.

Name:

Username:

Email:

Games Played: 34

Games Won: 2

Games Lost: 0

## Firebase:

No changes made in the database



The screenshot shows the Firebase Realtime Database console. The address bar displays the URL: `https://virtucard-4529f-default-rtdb.firebaseio.com/users/9Vfhnf0xAwVZXnTwLNWKpuxngls1`. The breadcrumb navigation shows the path: `virtucard-4529f-default-rtdb > users > 9Vfhnf0xAwVZXnTwLNWKpuxngls1`. The selected node is `9Vfhnf0xAwVZXnTwLNWKpuxngls1`, which contains a JSON object representing a user. The fields and their values are: `Avatar`: `" "`, `Email`: `"virtucards01@gmail.com"`, `GamesLost`: `0`, `GamesPlayed`: `34`, `GamesWon`: `2`, `IsAnonymous`: `false`, `Name`: `"Testing1"`, `UserId`: `"9Vfhnf0xAwVZXnTwLNWKpuxngls1"`, and `Username`: `"Testing01"`. The `Username` field is highlighted with a green border. At the bottom, the database location is noted as `United States (us-central1)`.

```
Avatar: " "
Email: "virtucards01@gmail.com"
GamesLost: 0
GamesPlayed: 34
GamesWon: 2
IsAnonymous: false
Name: "Testing1"
UserId: "9Vfhnf0xAwVZXnTwLNWKpuxngls1"
Username: "Testing01"
```

Database location: United States (us-central1)