

| UC 1: Change Account Settings  |  |
|--|--|
| Actor: User  | System: Card Game System   |
|  | 0. System displays Profile page  |
| 1. TUCBW user clicking on Change Account Settings button.  | 2. User is taken to Account Settings Page with the following options:<br>2a. Change account password.<br>2b. Change account name.<br>2c. Change account email. |
| 3. User selects one of the following options:<br>3a. Change account password.<br>3b. Change account name.<br>3c. Change account email. | 4. System displays form depending on user's choice:<br>4a. Change account password form.<br>4b. Change account name form.<br>4c. Change account email form.    |
| 5. User fills out form and submits it.   | 6. System displays confirmation message.   |
| 7. TUCEW user reading confirmation message   |  |

| UC 2: Text chat Players   |                                      |
|---|--------------------------------------|
| Actor: User   | System: Card Game System             |
|   | 0. System displays table user is at  |
| 1. TUCBW User clicks on the text area, types their message and clicks on Send. (Figure 3) | 2. System sends message to all users |
| 3. TUCEW User reading messages sent by other players (Figure 4)                           |                                      |

| UC 3: Create an Account                  |   |
|--|---|
| Actor: User                              | System: Card Game System  |
|  | 0. System displays Welcome Page                                   |
| 1. TUCBW User clicking Login/Signup      | 2. System displays Login screen                                   |
| 2. User clicks on Register               | 3. System displays form to register for a new account. (Figure 1) |
| 4. User fills out form and clicks submit | 5. System displays confirmation message (Figure 2)                |
| 6. TUCEW User reading confirmation page  |   |

| UC 4: Login  |                                 |
|--|---------------------------------|
| Actor: User  | System: Card Game System        |
|  | 0. System displays Welcome Page |
| 1. TUCBW User clicking Login/Signup                          | 2. System displays Login Screen |
| 3. User fills out login form and clicks submit               | 4. System displays Welcome Page |
| 5. TUCEW User reading his username in corner of Welcome Page |                                 |

| UC 5: Logout                     |                                 |
|----------------------------------|---------------------------------|
| Actor: User                      | System: Card Game System        |
|                                  | 0. System displays Welcome Page |
| 1. TUCBW User clicking on Logout | 1. System displays Logout page  |
| 3. TUCEW User reads Logout page  |                                 |

| UC 6: View Game Statistics                      |   |
|---|---|
| Actor: Player                                   | System: Card Game System                                    |
|   | 0. System displays any page                                 |
| 1. TUCBW User clicks on their username          | 2. System displays User's profile which contains statistics |
| 3. TUCEW User reading their own game statistics |   |

| UC 7: Join a Card Game   |  |
|--|--|
| Actor: Player  | System: Card Game System   |
|  | 0. The system displays the available games screen.                             |
| 1. TUCBW the player clicking on the card game they wish to play. | 2. The system displays a list of open tables for the selected game. (Figure 5) |
| 3. The player clicks join on the table they wish to play at.     | 4. The system displays that table and places the player at a seat. (Figure 6)  |
| 5. TUCEW the player seeing themselves sitting at the table.      |  |

| UC 8: Finishing a Poker Hand   |  |
|--|--|
| Actor: Player  | System: Card Game System   |
|  | 0. System displays table Player has joined and deals cards         |
| 1. TUCBW every player completing UC: Poker Betting Choices (TUCCW Poker Betting Choices) | 2. System deals first three cards, the 'flop'                      |
| 3. Each player has completed UC 9: Poker Betting Actions                                 | 4. System deals card called 'turn'                                 |
| 5. Each player has completed UC 9: Poker Betting Actions                                 | 6. System deals last card called 'river'                           |
| 7. Each player has completed UC 9: Poker Betting Actions                                 | 8. System accepts everyone's choice and displays winner and losers |
| 9. TUCEW Player viewing who won and lost.  |  |

| UC 9: Poker Betting Actions   |   |
|---|---|
| Actor: Player   | System: Card Game System  |
|   | 0. The system displays the poker table.                                     |
| 1. TUCBW the user clicking one of these buttons:<br>1a. Call<br>1b. Bet<br>1c. Check<br>1d. Raise<br>1e. Fold | 2. The system accepts the action taken and displays the action to the user. |
| 3. TUCEW the user seeing the action that was taken.   |   |

| UC 10: Start Euchre Game                      |   |
|---|---|
| Actor: Player                                 | System: Card Game System  |
|   | 0. The system displays the user sitting at a table.   |
| 1. TUCBW the player clicking ready to play.   | 2. The system displays who the dealer is, deals the cards, and prompts user to determine trump. |
| 3. TUCEW the use case: UC 12: Determine Trump |   |

| UC 11: Start Euchre Hand                      |  |
|---|--|
| Actor: Player                                 | System: Card Game System   |
|   | 0. The system displays the Euchre table.                           |
| 1. TUCBW the user playing a card.             | 2. The system accepts the card played and shows a waiting message. |
| 3. TUCEW the user seeing the waiting message. |  |

| UC 12: Determine Trump  |  |
|---|--|
| Actor: Player   | System: Card Game System   |
|   | 0. The system displays the prompt to determine trump with the following options:<br>0a. Call Trump<br>0b. Pass |
| 1 TUCBW the user choosing one of the following options:<br>1a. Call Trump<br>1b. Pass | 2. The system displays a screen according to choice:<br>2a. Start of a Hand<br>2b. Wait prompt                 |
| 3. TUCEW the user seeing the start of a hand or a waiting prompt.                     |  |

| UC 13: End Euchre Hand                                    |  |
|---|--|
| Actor: Player   | System: Card Game System   |
|   | 0. The system displays the Euchre table.                                   |
| 1. TUCBW the player playing their last card.              | 2. The system determines the winner and awards points to the winning team. |
| 3. TUCEW the players seeing the points that were awarded. |  |

| UC 14: Leave Table                                |   |
|---|---|
| Actor: Player                                     | System: Card Game System                    |
|   | 0. The system displays the card game table. |
| 1. TUCBW the user clicking the “Stand up” button. | 2. The system displays the game list page.  |
| 3. TUCEW the user seeing the game list page.      |   |

A screenshot of a web browser displaying the 'CardGames' registration page. The browser's address bar shows 'localhost8080/register.html'. The page has a dark header with 'CardGames' on the left and 'Home' and 'Tables' on the right. The main content area features a light gray box titled 'Register'. Inside this box, there are two input fields: 'Username' with the placeholder text 'Enter username' and 'Password' with the placeholder text 'Password'. Below these fields are two buttons: 'Register' and 'Back to Login Page'. At the bottom of the page, there is a copyright notice: 'Copyright © Company 2013'.

*Figure 1 Registration Form*

A screenshot of the same 'CardGames' registration page, but now showing a success message. The 'Username' field contains the text 'andrew' and the 'Password' field contains four asterisks '\*\*\*\*'. The 'Register' button is highlighted in orange, while the 'Back to Login Page' button remains blue. Below the input fields, a light gray box displays the message 'Successfully Registered'. The rest of the page, including the header, footer, and navigation links, remains the same as in Figure 1.

*Figure 2 Registration Confirmation Message*

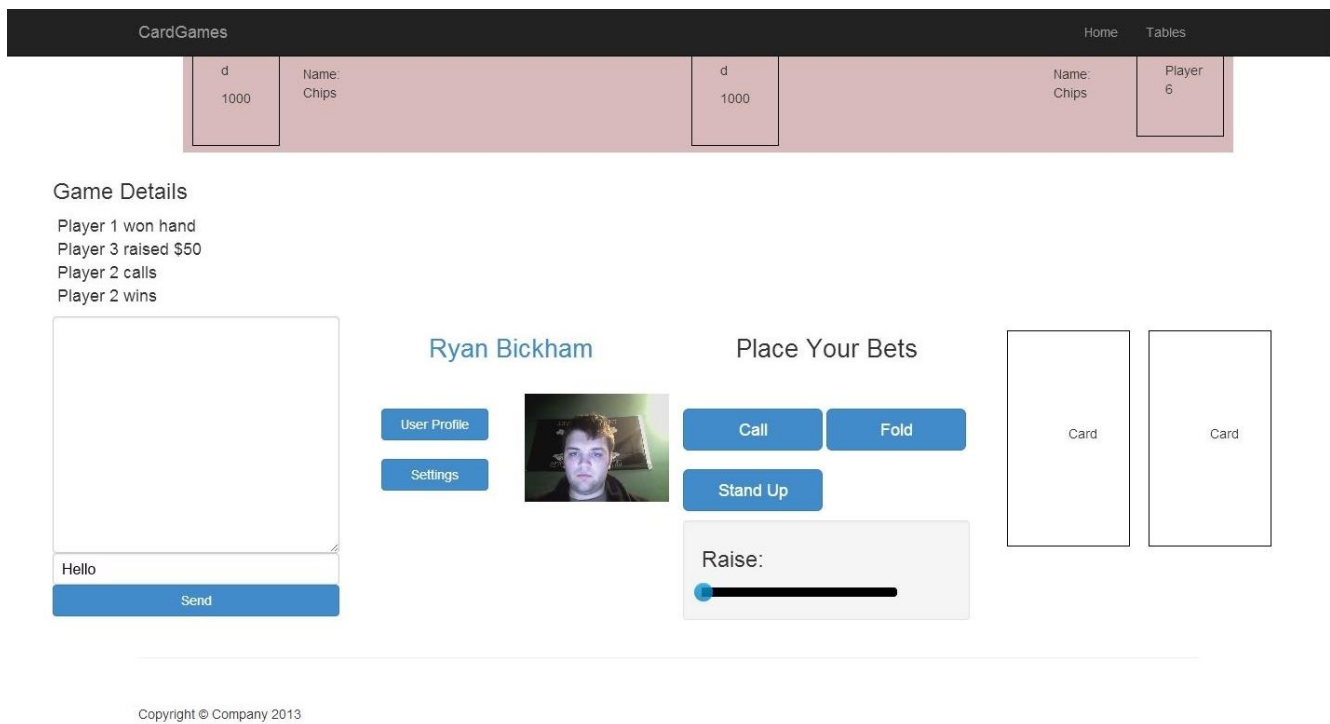


Figure 3 User types message and clicks send

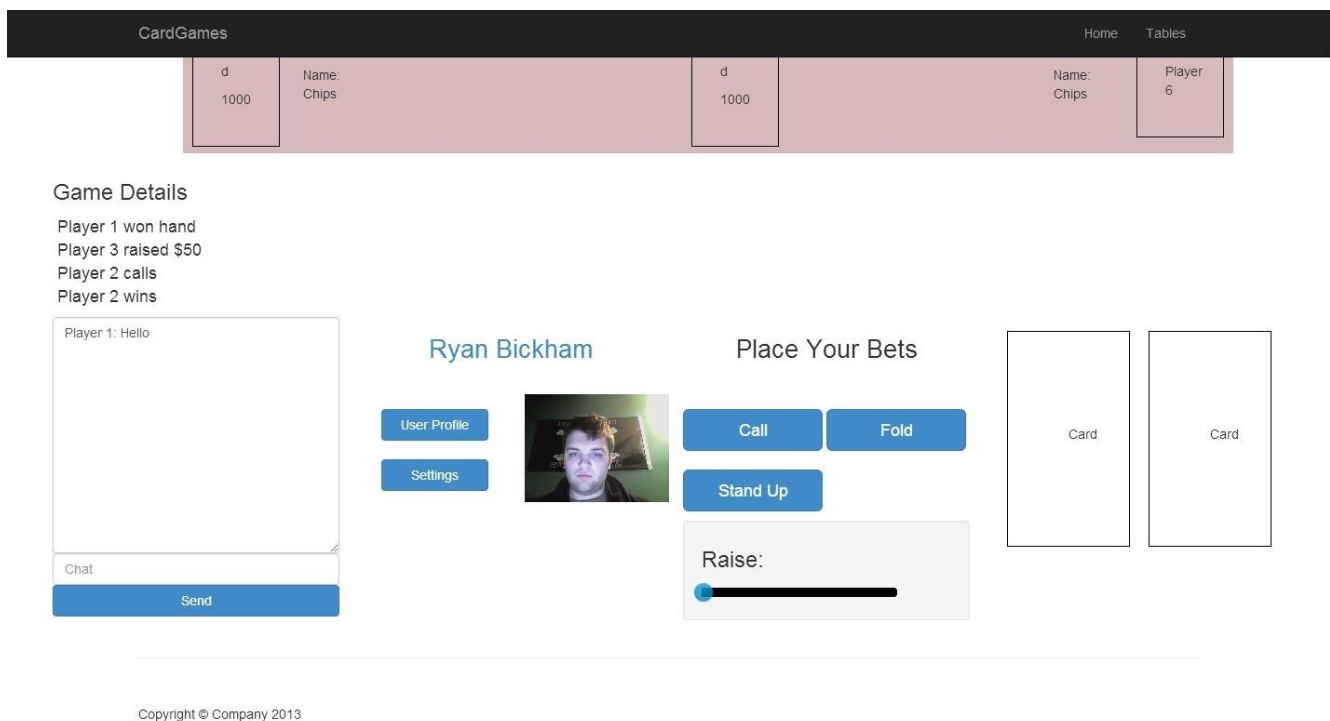


Figure 4 Players at table see message

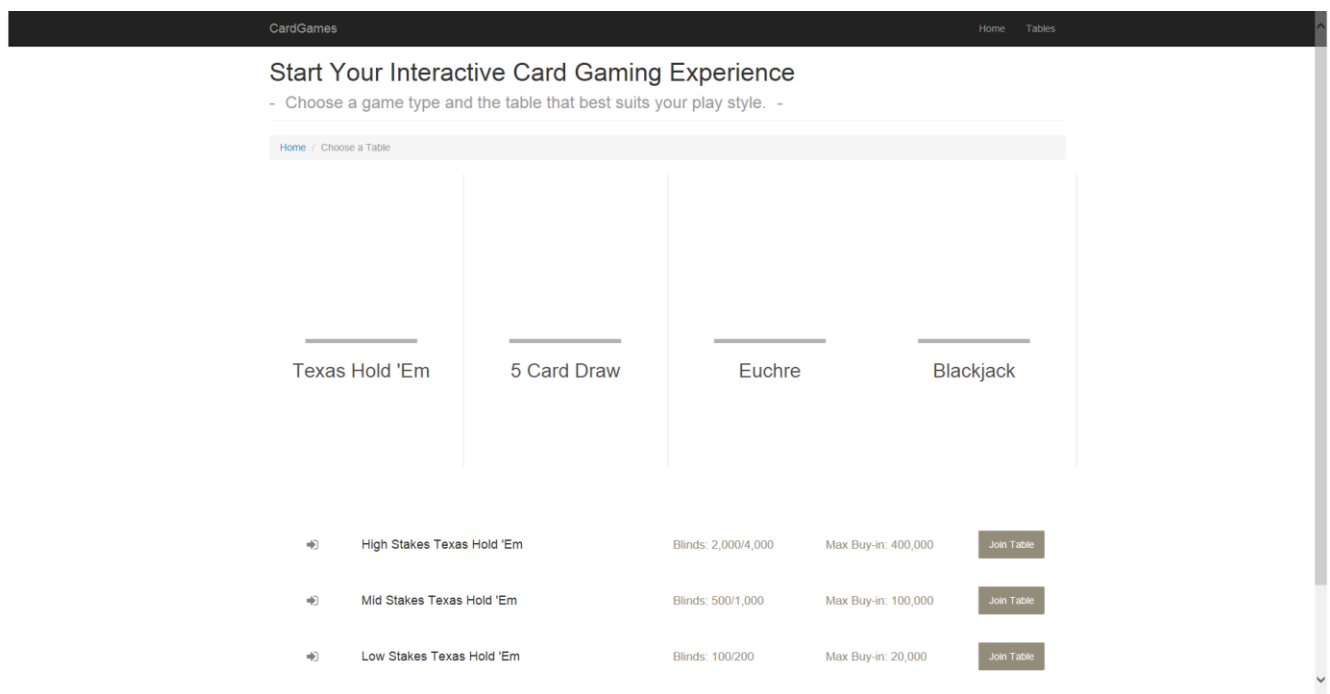


Figure 5 List of available tables

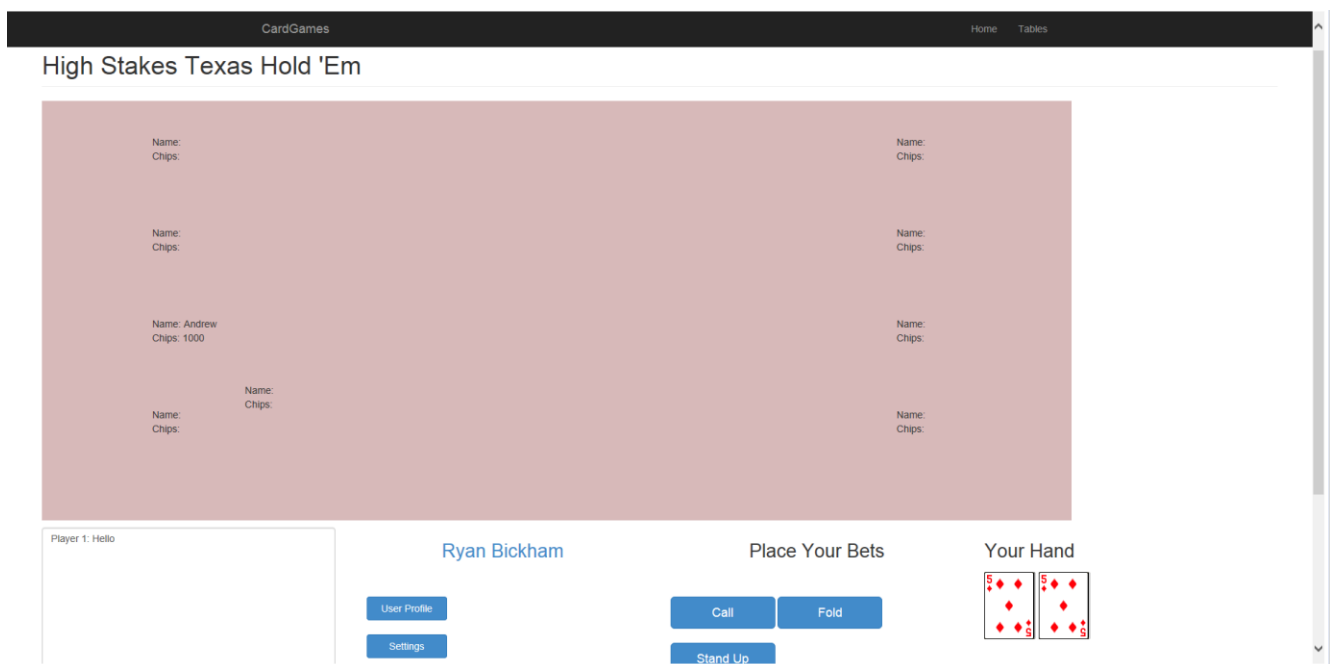


Figure 6 User placed at a seat