**Use Case Scenario**

1. **Use case**: Texas Hold’em Game Play
   1. **Brief description**: Allow “seated” players to play Poker by the Texas Hold’em rules.
2. **Actors**: Primary – Players, secondary – Texas Hold’em system.
3. **Precondition**: There are 2 to N “seated” players in the table also all “seated” players have at least |Big Blind| in their credit.
4. **Postcondition**: The winners of the round get the gambled tokens, equally divided, transferred to their credit
5. **Flow of Events**:
   1. **Basic Flow**:
      1. The Player sitting by the Small Blind token places |Small Blind| tokens in the main pot.
      2. The Player sitting by the Big Blind token places |Big Blind| tokens in the main pot.
      3. The system validates that each blind better placed the right amount.
      4. The System deals 2 cards from the deck to each player.
      5. Each player, aside from the blind betters, chooses whether to bet an amount larger or equal to the Big Blind or to fold.
      6. The Small Blind player decides whether to call/check the bets, raise the bets or to fold.
      7. The Big Blind player decides whether to call/check the bets, raise the bets or to fold.
      8. Steps 5.1.5 to 5.1.8 repeat until all player have called the current bet or folded.
      9. The system deals the flop cards.
      10. Steps 5.1.6 to 5.1.8 are repeated.
      11. The system deals the turn card.
      12. Step 5.1.10 is repeated.
      13. The system deals the river card.
      14. Step 5.1.10 is repeated.
      15. The system determines the winners and split the bets equally between them.
   2. **Alternate Flows**:
      1. All Players But 1 Folded  
         When the game has reached the point where all players but 1 have folded the game will stop and all the bets will be transferred to the last remaining player.
      2. A Player Has Betted All His Credit

When a player has betted all his credit he will be in an All-In situation and a side pot will be introduced to the remaining players. The All-In player will keep playing for the main pot while the other players, that haven’t folded yet, will play for the main pot and the side pot. Folding because of a bet made to the side pot results in folding from the main pot as well.

**Acceptance Test Scenarios**

1. **Use case**: User login to the system
2. **Good**:
   1. Blah
   2. Blah
3. **Bad**:
   1. Blah
   2. Blah
4. **Sad**:
   1. Blah
   2. Blah

**Use Case Diagram**

**-insert picture**

1. **Use case**: User logout of the the system.
   1. **Brief description**: Allow the user to logout of the system. The user clicks the “Logout” button and the session is terminated.
2. **Actors**: Primary – registered user, secondary – Texas Hold’em system
3. **Precondition**: The user is logged in
4. **Postcondition**: The user is logged out.
5. **Flow of Events**:
   1. **Basic Flow**:
      1. Blah
      2. Blah
      3. Blah
   2. **Alternate Flows**:
      1. Invalid Username / Password
      2. Blah
      3. blah