

**Name:** Hunter Leise

**Project:** Chesspionage

**Requirements:**

- US-11: As a player, I need to be able to create a user account so that I can track data linked to my user account.
- US-12: As a player, I need to be able to login to my user account so that I can access data linked to my user account.
- US-14: As a player, I need to be able to change my password so that I can match it to my current preference.

**Use Case Documents:**

Use Case ID:	UC-11																	
Use Case Name:	Create User Account																	
Description:	A non-registered player can create a user account so that they can track data linked to their profile.																	
Actors:	Non-registered Player																	
Pre-Conditions:	The user is not currently logged in to a user account.																	
Post-Conditions:	A user account is added to the MySQL database, the user is signed into their new account, and they will be redirected to the signed in profile page.																	
Frequency of Use:	Once per user																	
Flow of Events:	<table><tr><td></td><td>Actor Action</td><td>System Response</td></tr><tr><td>1</td><td>Click “Profile” from the main menu.</td><td>The logged out profile page is displayed.</td></tr><tr><td>2</td><td>Click the “Create Account” button.</td><td>An account creation form is displayed.</td></tr><tr><td>3</td><td>Fill out the username and password text fields.</td><td></td></tr><tr><td>4</td><td>Click the “Create Account” button.</td><td>The given username is checked for validity. If it is valid, then a new account is created in the MySQL database and the user is logged into said account.</td></tr></table>				Actor Action	System Response	1	Click “Profile” from the main menu.	The logged out profile page is displayed.	2	Click the “Create Account” button.	An account creation form is displayed.	3	Fill out the username and password text fields.		4	Click the “Create Account” button.	The given username is checked for validity. If it is valid, then a new account is created in the MySQL database and the user is logged into said account.
	Actor Action	System Response																
1	Click “Profile” from the main menu.	The logged out profile page is displayed.																
2	Click the “Create Account” button.	An account creation form is displayed.																
3	Fill out the username and password text fields.																	
4	Click the “Create Account” button.	The given username is checked for validity. If it is valid, then a new account is created in the MySQL database and the user is logged into said account.																
Variations:	4. User enters a username that is already taken by another Chesspionage player. In which case they are queried to choose a different username.																	

Use Case ID:	UC-12															
Use Case Name:	Login to User Account															
Description:	A registered player can login to a user account so that they can track data linked to their profile.															
Actors:	Registered Player															
Pre-Conditions:	The user is not currently logged in to a user account and must have already registered a Chesspionage account sometime prior.															
Post-Conditions:	A user is signed in to their account and will be redirected to the signed in profile page.															
Frequency of Use:	Once per session if the user wants their Chesspionage game data to be recorded to their account.															
Flow of Events:	<table><tr><td></td><td>Actor Action</td><td>System Response</td></tr><tr><td>1</td><td>Click “Profile” from the main menu.</td><td>The logged out profile page is displayed.</td></tr><tr><td>2</td><td>Click the “Login” button.</td><td>An account login form is displayed.</td></tr><tr><td>3</td><td>Fill out the username and password text fields.</td><td></td></tr><tr><td>4</td><td>Click the “Login” button.</td><td>The given username and password are checked for validity. If they are both valid, then the user is logged into said account and redirected to the signed in profile page.</td></tr></table>		Actor Action	System Response	1	Click “Profile” from the main menu.	The logged out profile page is displayed.	2	Click the “Login” button.	An account login form is displayed.	3	Fill out the username and password text fields.		4	Click the “Login” button.	The given username and password are checked for validity. If they are both valid, then the user is logged into said account and redirected to the signed in profile page.
	Actor Action	System Response														
1	Click “Profile” from the main menu.	The logged out profile page is displayed.														
2	Click the “Login” button.	An account login form is displayed.														
3	Fill out the username and password text fields.															
4	Click the “Login” button.	The given username and password are checked for validity. If they are both valid, then the user is logged into said account and redirected to the signed in profile page.														
Variations:	<p>4. User enters a non-registered username, in which case they are queried to re-enter a valid username.</p> <p>4. User enters a valid username with an incorrect password, in which case they are queried to re-enter a correct password.</p>															

Use Case ID:	UC-14																				
Use Case Name:	Change User Account Password																				
Description:	A player can change their account password so that they can better protect their user profile.																				
Actors:	Registered Player																				
Pre-Conditions:	The user is currently logged in to a user account.																				
Post-Conditions:	The password of the currently logged in account is changed to that which is specified by the player.																				
Frequency of Use:	At user's discretion																				
Flow of Events:	<table><thead><tr><th></th><th>Actor Action</th><th>System Response</th></tr></thead><tbody><tr><td>1</td><td>Click "Profile" from the main menu.</td><td>The logged in profile page is displayed.</td></tr><tr><td>2</td><td>Click the "Change Password" button.</td><td>A change password form is displayed.</td></tr><tr><td>3</td><td>Fill out the password textfield.</td><td></td></tr><tr><td>4</td><td>Fill out the confirm password textfield.</td><td></td></tr><tr><td>5</td><td>Click the "Change Password" button.</td><td>The given password is checked for consistency between the two textfields. If they match, then the password of the current account is changed to that which is specified in the password textfield.</td></tr></tbody></table>				Actor Action	System Response	1	Click "Profile" from the main menu.	The logged in profile page is displayed.	2	Click the "Change Password" button.	A change password form is displayed.	3	Fill out the password textfield.		4	Fill out the confirm password textfield.		5	Click the "Change Password" button.	The given password is checked for consistency between the two textfields. If they match, then the password of the current account is changed to that which is specified in the password textfield.
	Actor Action	System Response																			
1	Click "Profile" from the main menu.	The logged in profile page is displayed.																			
2	Click the "Change Password" button.	A change password form is displayed.																			
3	Fill out the password textfield.																				
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5	Click the "Change Password" button.	The given password is checked for consistency between the two textfields. If they match, then the password of the current account is changed to that which is specified in the password textfield.																			
Variations:	5. User enters different passwords in the two textfield. In which case they are queried to re-enter matching passwords.																				

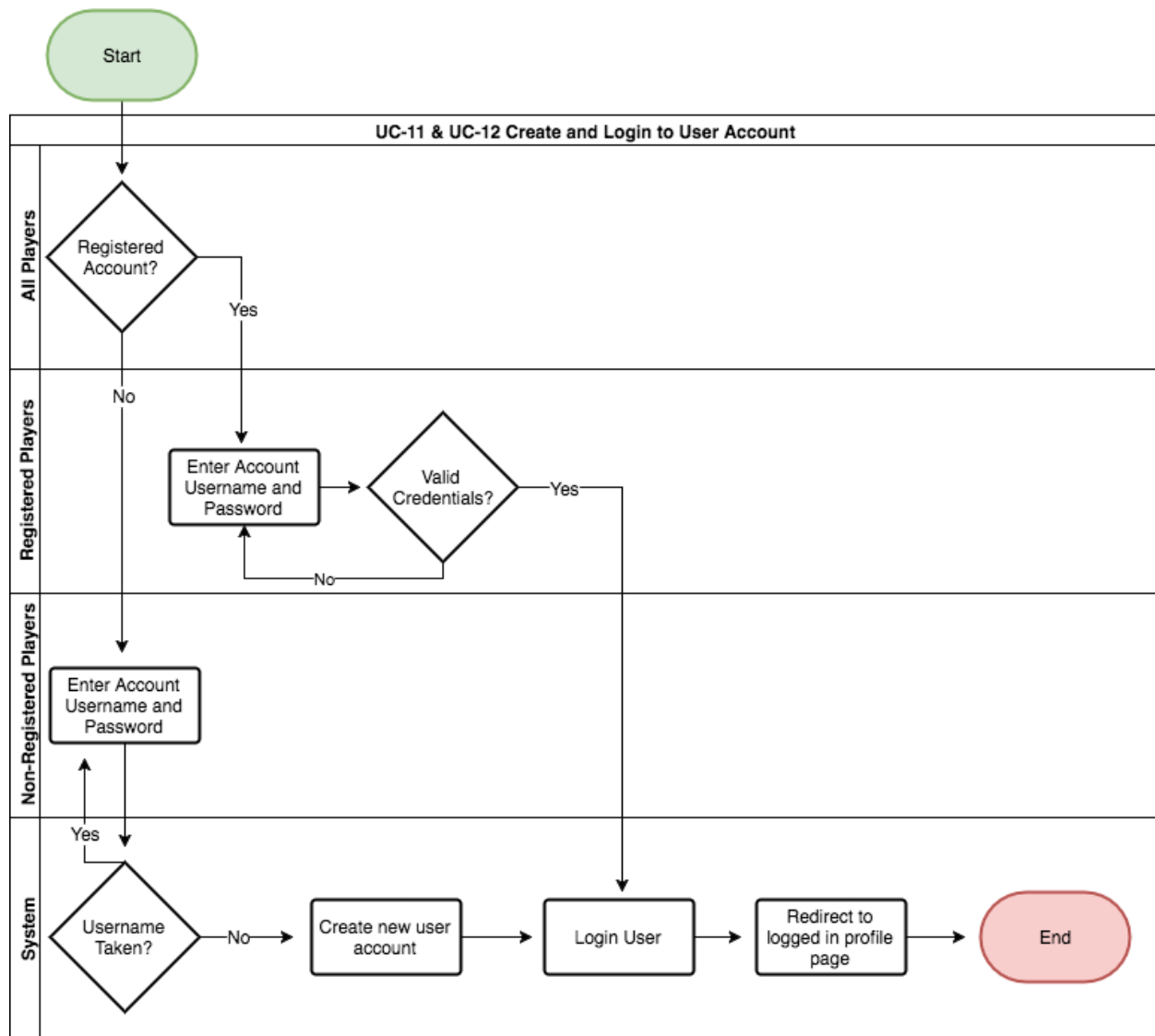
**Activity Diagram:**

Requirement ID #: US-11 and US-12

Use Case ID #: UC-11 and UC-12

Description: Create and login to a user account.

Created by Hunter Leise



**User Interactions:**

Requirement ID #: US-12

Use Case ID #: UC-12

Description: Login to a user account.

Created by Hunter Leise

