

Use Case: HeroForge Application **Character Edit Case**

Summary: This is a use case for editing a character.

Preconditions:

1. Character has already been previously generated
2. App can connect to server and database
3. Character information has been retrieved
4. Character edit form is already generated

Case Starts With: User presses the "Edit Character" button

Main Success:

1. The program displays the "Character Name" field
2. The user inputs the character's name
3. The app retrieves the character's information
4. The program displays the "Character Name" field
5. The program displays the "Character Class" field
6. The program displays the "Character Race" field
7. The program displays the "Character Level" field
8. The program displays the "Strength" field
9. The program displays the "Intelligence" field
10. The program displays the "Wisdom" field
11. The program displays the "Constitution" field
12. The program displays the "Dexterity" field
13. The program displays the "Charisma" field
14. The program displays the "Submit" button
15. The user inputs all the information and hits the Submit button.
16. The program displays a success message, letting the user know the character was created.

Alternative Success: All of the inputs here are required, but if the app cannot connect to the server or the database, the app should tell the user that there are connectivity issues and that the changes could not be submitted.

Postconditions:

1. The character info is sent to the database
2. The app tells the user the changes were successful
3. If necessary, the program sends an error message
4. The program resets to the main menu

Rules:

1. Character must exist
2. Character name must be spelled correctly for lookup
3. Character Name field must not be empty
4. Character Class field must not be empty
5. Character Race field must not be empty
6. Character Level field must not be empty
7. Strength field must not be empty
8. Intelligence field must not be empty
9. Wisdom field must not be empty
10. Constitution field must not be empty
11. Dexterity field must not be empty
12. Charisma field must not be empty
13. All inputs must be of a valid type