TEAM: GulDukat   **DEVELOPER**: Zach Fenton   **ASSIGNMENT**: CP- 02

Use Case ID & Name:	**UC-01: Configure Simulation**
Related Requirement(s)	Log in as either "Tester" or "Admin" (UC-06)
Goal in Context	User configures simulation
Precondition(s)	Successful login of either a "tester" or "admin"
Post-Condition(s)	Simulation is initialized and scenario/scene is ready to be executed (move to UC-02)
Failed End Condition	User enters invalid data
Primary Actor(s)	User (Tester/Admin)
Secondary Actor(s)	N/A
Trigger	User logs in

MAIN FLOW (replace column headers with names; add rows and columns as necessary; please delete unused rows)

[*PRIMARY ACTOR*]	[*SYSTEM*]	[*SECONDARY ACTOR*]	[*SECONDARY ACTOR*]
	0. System Displays configuration GUI		
1.TUCBW: User fills required fields and clicks continue/submit			
	2. System validates data fields and shows simulator GUI		
3.TUCEW: User sees simulator GUI			
ALTERNATE FLOWS			
1.1. User enters invalid data			
	2.1 System responds to invalid data by display error message to user		
1.1.2. User sees error message indicating invalid data entry			

TEAM: _GulDukat_   **DEVELOPER**: _Daniel Harding_   **ASSIGNMENT**: CP-_02_

Use Case ID & Name:	**UC-2**
Related Requirement(s)	01, 02, 02A, 03, 04, 02B, 05, 06, 08, 09, 10, 11, 12, 13, 21, 22, 26, 29, 30, 31, 33, 34
Goal in Context	Run scenario simulation
Precondition(s)	The scenario/scene settings have been set up by UC1
Post-Condition(s)	The system returns to the configuration screen
Failed End Condition	N/A
Primary Actor(s)	User
Secondary Actor(s)	N/A
Trigger	User clicks Run Simulation in configuration screen

MAIN FLOW (replace column headers with names; add rows and columns as necessary; please delete unused rows)

USER	SYSTEM
	0. The system displays configuration screen
1. TUCBW: User configures the scenario and clicks the Run Simulation button	2. The system displays the simulation screen and simulates character/monster actions until end of simulation (includes UC7), then returns to the configuration screen
3. TUCEW: User sees configuration screen	

ALTERNATE FLOWS

TEAM: _Gul Dukat_   **DEVELOPER**: _____Ethan Wright_____   **ASSIGNMENT**: CP-_02_

Use Case ID & Name: Authenticate User	UC-6
Related Requirement(s)	Must be a connection with the authentication server.
Goal in Context	User logs in as a user or an admin.
Precondition(s)	Successfully connected to the authentication server.
Post-Condition(s)	Valid authentication submitted and user is logged in.
Failed End Condition	Invalid log in. Invalid user info.
Primary Actor(s)	User
Secondary Actor(s)	N/A
Trigger	Customer clicks login.

MAIN FLOW (replace column headers with names; add rows and columns as necessary; please delete unused rows)

[*USER*]	[AUTHENTICATION SERVER]	[*SECONDARY ACTOR*]	[*SECONDARY ACTOR*]
	0. The log-in page is displayed.		
1. TUCBW The user enters their username and password. Selects "Save Password" or not a clicks the submit button.	2. System determines if the username and password is correct and determines whether or not the user in an admin or user.		
3. User is logged in as a user or admin.	4. The system accordingly displays (a) the Welcome User page, or (b) the admin page.		
5. TUCEW user sees the Welcome User page of the Admin page.			

ALTERNATE FLOWS			
2. System determines if the username and password is correct and determines whether or not the user in an admin or user.			
4. The system accordingly displays (a) the Welcome User page, or (b) the admin page.			

Use Case ID & Name:	**UC-07 Take Turn**
Related Requirement(s)	UC-02 Run Scenario
Goal in Context	User takes turn for PC
Precondition(s)	Scenario is run from UC-02: Run Scenario until the user is prompted to attack for a PC
Post-Condition(s)	The PC attacks the selected monster and scenario continues running.
Failed End Condition	None
Primary Actor(s)	User
Secondary Actor(s)	None
Trigger	User selects monster and attacks

MAIN FLOW (replace column headers with names; add rows and columns as necessary; please delete unused rows)

[*PRIMARY ACTOR*]	[*SYSTEM*]	[*SECONDARY ACTOR*]	[*SECONDARY ACTOR*]
	0. System runs scenario from UC-02: Run Scenario until the user is prompted to attack for a PC		
1. User selects monster and attacks	2. System performs attack on monster		
3. User sees scenario continue to run			

ALTERNATE FLOWS