

Test Plan

Test Plan Summary:

During discussions with Ankith and Akhil, it was emphasized to create a comprehensive test plan for the Sheeps and Wolves game application, covering both game functionality and user authentication features.

Requirements:

Hardware: Any device with internet access, capable of running a web browser.

Software: Web browser installed and accessible.

Testing Tools:

PyTest

Test Cases and Time for Testing:

Function Description	Test Cases	Expected Result	Expected Time	Actual Time Result
Login Page Functionality	Load Login Page	Login page should load correctly	< 1 min	
	Input valid credentials	Able to login successfully with valid credentials	< 1 min	
	Input invalid credentials	Error message displayed for invalid login attempt.	< 1 min	
Signup Page Functionality	Load signup page	Signup page should load correctly	< 1 min	
	input valid signup details	Able to signup successfully with valid details.	< 1 min	

	input valid signup details	Error message displayed for invalid signup attempt	< 1 min	
Game Page Functionality	Load Game Page	Game page should load correctly	< 1 min	
	Input sheeps and wolves numbers	Able to input sheeps and wolves numbers	< 1 min	
	Move sheeps and wolves	Able to move sheeps and wolves according to game rules	< 1 min	
	View solution with moves	Able to view solution with moves	< 1 min	