

Summarized discussion

- **GeoUnity:** You should use Selenium or Postman to do testing automation. For game testing, try to have people get out of bounds, abuse powerups, cheating. You should also update app_users on how to use the application and document how to test everything
- **XMarksTheSpot:** I recommend you test the powerups themselves, to ensure they have the desired impact on the player (or their opponent). Consider where a user should be redirected after they sign up for an account; perhaps the login view, where they can check out their account and ensure their previous progress has been saved.

Testing Instructions for expert users to carry out tests

- **List of requirements:**
 - **Hardware:** any hardware that has access to the internet, and can use an internet browser, keyboard, and a pointing device like a mouse
 - **Software:** Has internet access and internet browser installed

Automation of testing instructions

- **List the testing tools you use:**
 - N/A: currently there no reliable tools to test Unity games

Amount of time to finish the tests

- Report the expected execution time to complete the test

Coverage of the tests

- At least one test case per documented feature ([Spreadsheet Link](#))

Type	Feature	Description	Test	Expected Result	Result (Pass or Fail)	Run Time (Minutes)
Website (itch.io)	Decor	Itch.io page is decorated	User opens the game website on itch.io	Aesthetic matches the game		<1
	Usability	Users can play Unity game directly from itch.io website	User opens the game website on itch.io	Users will be able to play game after pressing run game		<1
Game	Multiple levels	There will be at least 2 different platform levels	Users starts game and create characters Users then starts game	Game prompt at least 2 level options after character customization		<1
	Usability	Users can use keyboard keys to navigate and play games	Players can customize characters using the keyboard in the character customization scene	WASD moves mouse 1 and selects with space Arrow keys moves mouse 2 and selects with enter		<1
			Players can move their character around in all game modes	WASD moves player1 Arrow keys moves player2		<1
			Players can move their character around in all game modes	WASD moves player1 Arrow keys moves player2		<1
			Players can move their character around in the tutorial	WASD moves player1 Arrow keys moves player2		<1
	Player vs player	Players can compete against the other	Players race each other in game mode 1	Players launch off of platforms and race each other to the top		<1
			Players can play pong with each other in game mode 2	Players uses characters to bounce the pong ball to the other's goal to score and win		<1
		CO-OP mode	Players can stand on platforms and complete platforming puzzles to help each other reach the top	Using players to stand on platform will unlock further area in the level		<1
	Save states	Scores can be saved	Players can finish a game and save their score to a desire name	The newly saved scored will be showned on the scoreboard		<3
	Custom Sprites	Players can customize their characters' colors and faces	Players starts the game and create their characters	Characters customization will be display on all levels after customizations		<1
	Sounds	Basic sound effects for character movements and shooting etc...	Players play a game mode	For all game mode, most actions will have a sound effect		<1