Testing

Test Case	Description	Input Data	Expected Output	Result
Test 1: Tkinter Skeleton	To ensure that the application is able to load and switch between multiple frames, no API integration yet.	None	The main window opens with the navigation bars.	Pass
Test 2.1: API Integration (Character)	To ensure that the data will be retrieved from the API.	“Harry”, “Potter”, “Ronald”, “Weasley”	The interface shows the data relevant to the query.	Pass
Test 2.2: API Integration (Books)	To ensure that all seven books are displayed with their details.	None	The interface shows all seven books along with book covers and book titles.	Pass
Test 3: Random Spell	To ensure that 1. the randomizer works 2. a random spell will be chosen.	Click on button	A random spell is shown along with its category and effect. Expected for a different spell each time the button is pressed.	Pass
Test 4: Books Window	To ensure that when a book is opened, it will display the relevant data on a new window.	Click on button	A window will open displaying the book title and other details.	Pass
Test 5: Movie Listbox	To check if the listbox is populated by the movie titles.	None	The listbox displays all movies within the Harry Potter universe.	Pass
Test 6: Movie Window	To ensure that when a movie is selected, it will display the relevant data on a new window.	Click on button	A window will open displaying the movie title, movie poster, and other details.	Pass
Test 7: Empty Inputs	To ensure that a message box is displayed during empty inputs in areas such as character search and movie listbox.	Click on search without selecting or searching	An error will show telling the user to input something.	Pass
Test 8:	To add a background	None	A background image will	Pass

Background Image	image to the interface.		be displayed throughout all the sections.	
Test 9: Running the Whole Application	To use the application from the user's perspective.	All possible inputs	The whole application works properly: navigation works, frames switch properly, search functions work, etc.	Pass