

<b>Test Case ID:</b>	Function-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Application	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that the application launches when using python				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass

<b>Test Case ID:</b>	Creation-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Creation	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify creation of character data				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "1"	1	brought to character creation screen	brought to character creation screen	pass
3	enter character's name	Tom	brought to level entry prompt	brought to level entry prompt	pass
4	enter character's level	20	brought to current hp entry prompt	brought to current hp entry prompt	pass
5	enter character's current hp	100	brought to max hp entry prompt	brought to max hp entry prompt	pass
6	enter character's max hp	100	brought to ac entry prompt	brought to ac entry prompt	pass
7	enter character's ac	15	brought to strength entry prompt	brought to strength entry prompt	pass
8	enter strength score	20	brought to dex entry prompt	brought to dex entry prompt	pass
9	enter dex score	10	brought to con entry prompt	brought to con entry prompt	pass

10 enter con score	14	brought to int entry prompt	brought to int entry prompt	pass
11 enter int score	6	brought to wis entry prompt	brought to wis entry prompt	pass
12 enter wis score	10	brought to cha entry prompt	brought to cha entry prompt	pass
13 enter cha score	0	brought to character confirmation screen	brought to character confirmation screen	pass
14 confirm	y	brought to home screen	brought to home screen	pass
type 4 to go to view		brought to character viewing scree. Tom's name is displayed under saved characters	brought to character viewing screen, and Tom's name is displayed under saved characters	pass
15 character created	4			
type tom to view		character data is printed to reflect entry data	character data is printed to reflect entry data	pass
16 character	Tom			

<b>Test Case ID:</b>	Creation-2	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Creation	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that incorrect data cannot be inputted				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "1"	1	brought to character creation screen	brought to character creation screen	pass
3	enter character's name	Tom	brought to level entry prompt	brought to level entry prompt	pass

enter character's 4 level as a letter	A	error message is displayed and data is not accepted	error message is displayed and data is not accepted	pass
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<b>Test Case ID:</b>	Import-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Import	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that pdf information can be inputted into the program				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed				

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "3" for import option	3	brought to import screen	brought to import screen	pass
3	enter pdf title	Test.pdf	success message is displayed and character data appears in view character screen	success message is displayed and character data appears in view character screen	pass
4	view imported character	4	brought to view character screen and "Errant" is displayed as a saved character	brought to view character screen and "Errant" is displayed as a saved character	pass
5	verify correct data	"Errant"	correct data of "Errant" is displayed	correct data of "Errant" is displayed	pass

<b>Test Case ID:</b>	Import-2	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Import	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that error message is displayed when incorrect pdf file path is inputted				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; Test.pdf exists				

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass

enter "3" for import 2 option	3	brought to import screen	brought to import screen	pass
enter incorrect pdf 3 title	Test.p	Error message is displayed and user is returned to home screen	Error message is displayed and user is returned to home screen	pass

<b>Test Case ID:</b>	Import-3	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Import	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that duplicate character's cannot be inputted through pdf import				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "3" for import option	3	brought to import screen	brought to import screen	pass
3	enter pdf title	Test.pdf	success message is displayed and character data appears in view character screen	success message is displayed and character data appears in view character screen	pass
4	enter "3" for import option	3	brought to import screen	brought to import screen	pass
5	enter pdf title	Test.pdf	error message is displayed and character data is not imported	error message is displayed and character data is not imported	pass

<b>Test Case ID:</b>	View-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	View	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that character data can be viewed with correct data displayed from database				

**Pre-Requisite(s):** Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "4" for view	4	brought to saved characters screen	brought to saved characters screen	pass
3	type "Errant"	Errant	character is found and displayed with the correct data	character is found and displayed with the correct data	pass

**Test Case ID:** View-2      **Test Designer:** Ethan Powell      **Overall Test Grade:** Pass  
**Test Case Priority:** Med      **Test Execution Date:** 4/15/2022  
**Module Name:** View      **Test Executed by:** Ethan Powell

**Test Summary:** Verify that incorrect character name input prompts the user with an error message

**Pre-Requisite(s):** Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "4" for view	4	brought to saved characters screen	brought to saved characters screen	pass
3	type "Tom"	Tom	prompted with error message that name may be misspelled or does not exist	prompted with error message that name may be misspelled or does not exist	pass

**Test Case ID:** Delete-1      **Test Designer:** Ethan Powell      **Overall Test Grade:** Pass  
**Test Case Priority:** High      **Test Execution Date:** 4/15/2022  
**Module Name:** Delete      **Test Executed by:** Ethan Powell

**Test Summary:** Verify that the user can delete a stored character in the database

**Pre-Requisite(s):** Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass

2 enter "5" for delete	5	brought to saved characters (Delete) screen	brought to saved characters (Delete) screen	pass
3 enter "Errant"	Errant	character is removed from saved characters list and database	character is removed from saved characters list and database	pass

<b>Test Case ID:</b>	Delete-2	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Delete	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify that the user is prompted with an error message when attempting to delete a non-existent character				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "5" for delete	5	brought to saved characters (Delete) screen	brought to saved characters (Delete) screen	pass
3	enter "Tom"	Tom	prompted with error message stating character does not exist and may be misspelled	prompted with error message stating character does not exist and may be misspelled	pass

<b>Test Case ID:</b>	Edit-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the base statistics of a character saved in the database				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass

2 enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3 enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
enter "1" for base		brought to base stats of character	brought to base stats of character	pass
4 stats	1	edit level prompt displayed	edit level prompt displayed	pass
5 enter "level"	level	level is changed to 10	level is changed to 10	pass
6 enter "10"	10	press "ENTER" until program is exited	press "ENTER" until program is exited	pass
7 Exit program	program is exited	program is exited	program is exited	pass
Verify database	check database using			
8 reflects level change	SQLite browser	Errant's level is 10	Errant's level is 10	pass

<b>Test Case ID:</b>	Edit-2	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the saves of a character saved in the database				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass

3	enter "2" for saves	2	brought to saves of character	brought to saves of character	pass
4	enter "strength save"	strength save	new strength save prompt displayed	new strength save prompt displayed	pass
5	enter 12	12	new strength save is set to 12	new strength save is set to 12	pass
6	Exit program	press "ENTER" until program is exited	program is exited	program is exited	pass
7	Verify databse reflects level change	check database using SQLite browser	Errant's strength save is 12	Errant's strength save is 12	pass

<b>Test Case ID:</b>	Edit-3	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the skills of a character saved in the databse				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "3" for skills		brought to skills edit screen	brought to skills edit screen	pass
5	enter "Acrobatics"	acrobatics	enter new acrobatics prompt displayed	enter new acrobatics prompt displayed	pass
6	enter "12"		new acrobatics score 12 displays "12"	new acrobatics score displays "12"	pass



7	Exit program	press "ENTER" until program is exited	program is exited	program is exited	pass
8	Verify database reflects level change	check database using SQLite browser	Errant's acrobatics is 12	Errant's acrobatics is 12	pass
<b>Test Case ID:</b> Edit-4 <b>Test Designer:</b> Ethan Powell <b>Overall Test Grade:</b> Pass <b>Test Case Priority:</b> High <b>Test Execution Date:</b> 4/15/2022 <b>Module Name:</b> Edit <b>Test Executed by:</b> Ethan Powell <b>Test Summary:</b> Verify the user can edit the proficiencies of a character saved in the database <b>Pre-Requisite(s):</b> Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf					
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "4" for proficiencies and expertises	4	brought to the proficiency and expertise edit screen	brought to the proficiency and expertise edit screen	pass
5	enter "1" for add proficiency	1	brought to the proficiency edit screen	brought to the proficiency edit screen	pass
6	enter "17" for stealth	17	stealth is added to "Errant's" proficiency list	stealth is added to "Errant's" proficiency list	pass
7	Exit program	press "ENTER" until program is exited	program is exited	program is exited	pass

Verify database 8 reflects level change	check database using SQLite browser	Errant's proficiency list includes "stealth"	Errant's proficiency list includes "stealth"	pass
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<b>Test Case ID:</b>	Edit-4	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the expertises of a character saved in the databse				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "4" for proficiencies and expertises	4	brought to the proficiency and expertise edit screen	brought to the proficiency and expertise edit screen	pass
5	enter "2" for add expertise	2	brought to edit expertise screen	brought to edit expertise screen	pass
6	enter "17" for stealth	17	stealth is added to "Errant's"expertise list	stealth is added to "Errant's"expertise list	pass
7	Exit program	press "ENTER" until program is exited	program is exited	program is exited	pass
8	Verify database reflects level change	check database using SQLite browser	Errant's expertise list includes "stealth"	Errant's expertise list includes "stealth"	pass

<b>Test Case ID:</b>	Edit-5	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
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<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell
<b>Test Summary:</b>	Verify the user can edit the proficiencies of a character saved in the database by removing one		
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf;		

Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "4" for proficiencies and expertises	4	brought to the proficiency and expertise edit screen	brought to the proficiency and expertise edit screen	pass
5	enter "3" for remove proficiency	3	brought to remove proficiency screen	brought to remove proficiency screen	pass
6	enter "1" to remove stealth	1	stealth is removed from proficiency list and expertise list & proficiency and expertise list displays "None"	stealth is removed from proficiency list and expertise list & proficiency and expertise list displays "None"	pass

<b>Test Case ID:</b>	Edit-6	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the expertises of a character saved in the database by removing one				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf;				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass

2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "4" for proficiencies and expertises	4	brought to the proficiency and expertise edit screen	brought to the proficiency and expertise edit screen	pass
5	enter "4" for remove expertise	4	brought to remove expertise screen	brought to remove expertise screen	pass
6	enter "1" to remove stealth	1	stealth is removed from expertise list but not proficiency list	stealth is removed from expertise list but not proficiency list	pass

<b>Test Case ID:</b>	Edit-7	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the resistances of a character saved in the database				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result
1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass

enter "5" for 4 resistances		brought to resistances edit screen	brought to resistances edit screen	pass
enter "1" for add 5 resistance	1	brought to resistance add screen	brought to resistance add screen	pass
6 enter "4" for fire	4	fire is added to resistances list	fire is added to resistances list	pass

<b>Test Case ID:</b>	Edit-8	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the resistances of a character saved in the database by removing a resistance				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf;				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "5" for resistances		brought to resistances edit screen	brought to resistances edit screen	pass
5	enter "2" for remove resistance	2	brought to remove resistance screen	brought to remove resistance screen	pass
6	enter "1" for fire	1	fire resistance is removed from resistances list	fire resistance is removed from resistances list	pass

<b>Test Case ID:</b>	Edit-9	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		

Module Name:	Edit	Test Executed by:	Ethan Powell		
Test Summary:	Verify the user can edit the vulnerabilities of a character saved in the databse				
Pre-Requisite(s):	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result

1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "6" for vulnerabilities	6	brought to vulnerabilities edit screen	brought to vulnerabilities edit screen	pass
5	enter "1" for add	1	brought to vulnerabilities add screen	brought to vulnerabilities add screen	pass
6	enter "2" for bludgeoning	2	bludgeoning is added to vulnerabilities list	bludgeoning is added to vulnerabilities list	pass

<b>Test Case ID:</b>	Edit-10	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the vulnerabilities of a character saved in the databse by removing one				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf;				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result

1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass

3 enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
enter "6" for 4 vulnerabilities	6	brought to vulnerabilities edit screen	brought to vulnerabilities edit screen	pass
enter "2" for 5 remove	2	brought to vulnerabilities remove screen	brought to vulnerabilities remove screen	pass
enter "1" to remove 6 bludgeoning	1	bludgeoning is removed from vulnerabilities list	bludgeoning is removed from vulnerabilities list	pass

<b>Test Case ID:</b>	Edit-11	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Edit	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	Verify the user can edit the jack of all trades feature of a saved character				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" has been imported from Test.pdf;				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

1	launch application	python3 dndutilities.py	application launches	application launches	pass
2	enter "2" for edit	2	brought to character edit screen where saved characters are displayed	brought to character edit screen where saved characters are displayed	pass
3	enter "Errant"	Errant	brought to character edit screen of "Errant"	brought to character edit screen of "Errant"	pass
4	enter "7" for jack of all trades	7	jack of all trades becomes enabled for Errant's character	jack of all trades becomes enabled for Errant's character	pass

<b>Test Case ID:</b>	Data-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		

<b>Module Name:</b>	Database	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should create a database file if one does not already exist named "characters.db"				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; database file has not been created				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

			application launches	application launches	
			and the "character.db" file is created	and the "character.db" file is created	
1	launch application	python3 dndutilities.py	file is created	created	pass

<b>Test Case ID:</b>	Data-2	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Pass
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Database	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should utilize "characters.db" to import saved characters				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed; "Errant" character loaded into characters.db				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	
1	launch application	python3 dndutilities.py	file	"characters.db" file	pass
	enter "4" for view		"Errant" is displayed under "Saved Characters"	"Errant" is displayed under "Saved Characters"	
2	characters	4			pass

<b>Test Case ID:</b>	GUI-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Fail
<b>Test Case Priority:</b>	Med	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	GUI	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should utilize a graphical user interface for interacting with the mouse pointer				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed;				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>



			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	pass
1 launch application	python3 dndutilities.py				
click option "1" for			brought to character creation screen	no GUI is available	fail
2 create character	click option 1				

<b>Test Case ID:</b>	Combat-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Fail
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Combat	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should allow for the creation of cocombat encounters to be simulated				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed;				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	pass
1 launch application	python3 dndutilities.py				
click option "7" for			brought to combat encounter screen	no option "7" is available	fail
2 combat encounter	7				

<b>Test Case ID:</b>	Monster-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Fail
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Monster	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should allow for tracking of monster data				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed;				
<b>Step #</b>	<b>Action</b>	<b>Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Test Result</b>

			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	pass
1 launch application	python3 dndutilities.py				
click option "8" for			brought to monster data screen	no option "8" is available	fail
2 monster data	8				

<b>Test Case ID:</b>	Map-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Fail
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Map	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should allow for a visual, grid-based map to be displayed when combat encounters are run				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed;				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result

			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	
1	launch application	python3 dndutilities.py			
	click option "7" for		brought to combat	no option "7" is	
2	combat encounter	7	encounter screen	available	fail

<b>Test Case ID:</b>	Dice-1	<b>Test Designer:</b>	Ethan Powell	<b>Overall Test Grade:</b>	Fail
<b>Test Case Priority:</b>	High	<b>Test Execution Date:</b>	4/15/2022		
<b>Module Name:</b>	Dice	<b>Test Executed by:</b>	Ethan Powell		
<b>Test Summary:</b>	The program should roll dice and automatically calculate damage when a combat encounter is run and actions are taken				
<b>Pre-Requisite(s):</b>	Application installed; PyPDF package installed; Python3 installed;				
Step #	Action	Inputs	Expected Output	Actual Output	Test Result

			application launches without created a second "characters.db" file	application launches without created a second "characters.db" file	
1	launch application	python3 dndutilities.py			
	click option "7" for		brought to combat	no option "7" is	
2	combat encounter	7	encounter screen	available	fail