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SDEV 140

11 May 2023

NetabaiGhelebFinalProject.py Data Validation

Data Sets Tested

I tested two potential data sets when evaluating the program's data validation:

- The program was tested with a set of the bare minimum data input.
 - Name, Race, Class, Background, Feats/Abilities, and Character Notes fields were all left blank.
 - Stats were randomly rolled once.
 - No picture/logo was imported.
 - **Results:**
 - This test prompted me to program checks for each field's blank status in the pdf generation. As a result, in the event that any field is blank, the field will be explicitly not included in the generated pdf file or display text indicating that it was left blank.

D&D 5e Character Sheet Creator

Character Name: Alignment: Lawful Good Feats/Abilities:

Race: Character Notes:

Class:

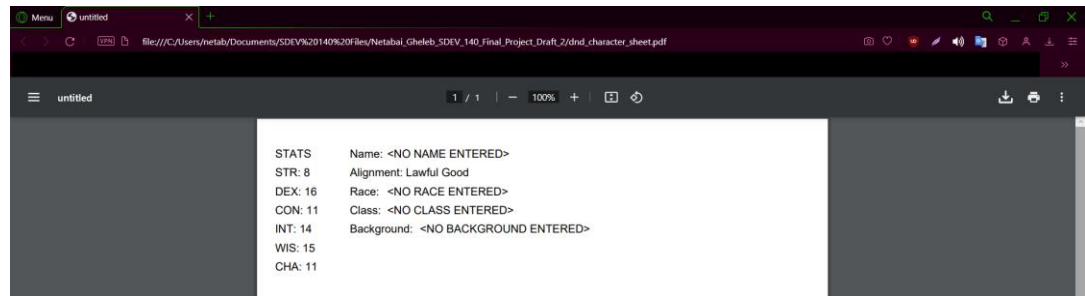
Background:

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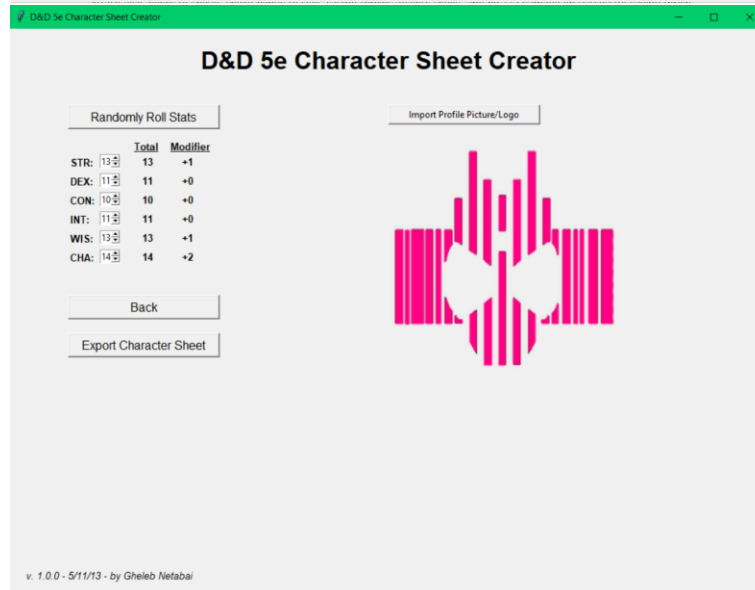
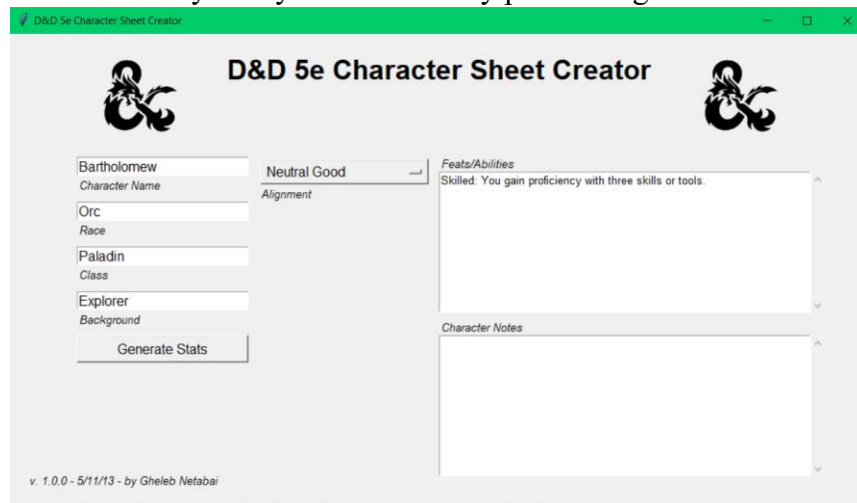
D&D 5e Character Sheet Creator

	Total	Modifier
STR: <input type="text"/>	8	-1
DEX: <input type="text"/>	16	+3
CON: <input type="text"/>	11	+0
INT: <input type="text"/>	14	+2
WIS: <input type="text"/>	15	+2
CHA: <input type="text"/>	11	+0

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- A data set with all fields filled, barring Character Notes (as its properties are identical to Feats/Abilities.)
 - **Results:**
 - The program was executed as intended. During testing, this allowed me to visually verify and correct any positioning errors in the PDF generation.



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STATS

STR: 13

DEX: 11

CON: 10

INT: 11

WIS: 13

CHA: 14

Name: Bartholomew

Alignment: Lawful Good

Race: Orc

Class: Paladin

Background: Explorer

Feats/Abilities: Skilled: ■You gain proficiency with three skills or tools.

