TBD – Programmers:

Project title:

- D&D character sheet
- DDCS
- D20
- D&D players aide
- D&D players journal
- Literally no clue so we'll put a pin in that....

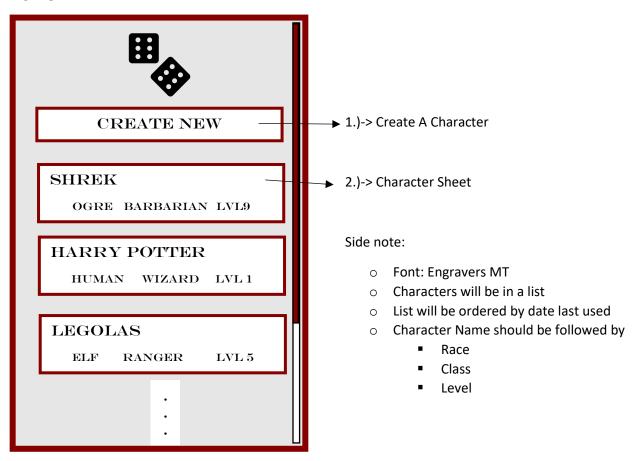
Project logo:



Color Scheme:

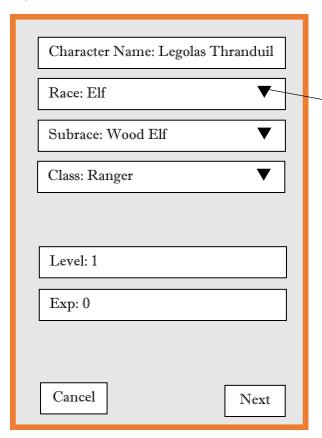


Home:



All User clicks should transition to a Presentation Display CreateCharacter button, followed by list of character sheets. new page. Upon opening the app, make a call to [2.)Display character sheet starting on Gameplay page.] the Business Logic layer for existing Character Sheets. [2.)Once a selection is made, send index of selected Character sheet] Organize character array for UI [2.)Separate DO into relevant Make call to service layer to retrieve **Business Logic** pages character sheet divisions array of Character Sheets ID's. (Story, Gameplay, Spells, [2.)Send index of selected Equipment)] Character sheet ID] Make call to data access layer for array Service Send corresponding Character Name, of character sheets Id's. Race, Class, and Level in array to [2.) Move character sheet ID at Business layer. index to the front of array and [2.)send entire DO for chosen send updated array to DAL, character sheet to business request data for selected layer] character sheet ID] Access array of character sheet ID's Send array of character sheets ID's to **Data Access** [2.) Save new array over old Service Layer. character sheet array] [2.)send DataObject correlating to first Character in character sheet array]

1.) Create A Character

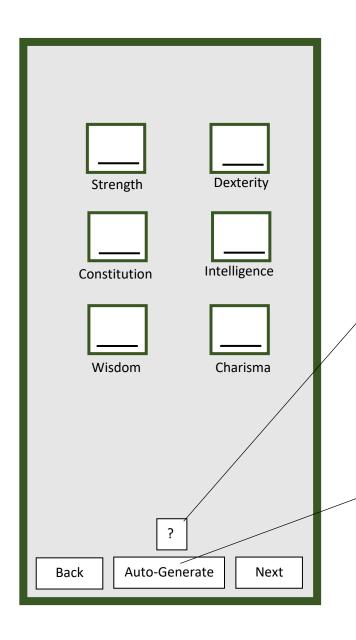


Side Note:

- o Font: Imprint MT Shadow
- Allowing for characters starting at higher than level one will be difficult, low priority

Signifies a pull down with all relevant options loaded from the API

User clicks pull down for race [2.)User chooses race]		Presentation	Display pull down list of available races [2.)Wait for user to go to next page.]
Make call to service layer to retrieve array of Race Options [2.)Send id of selected race to Service layer]	+	Business Logic	Arrange array of race names for pull down [2.)Add race modifiers to current character sheets array of modifiers]
Make call to data access layer for array of available Races. [2.) Send id of selected Race to Data access Layer]		Service	Send list of races names to Business logic [2.)send array of race modifiers to business layer]
Access array of Races [2.)Find selected Race]		Data Access	Send array of Races to service layer [2.)send selected race to service layer]



Side Note:

- Font: Calibri (body)
- There could be a check for the sum of all stats to see if they are reasonable for a lvl 1 player, low priority

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Handbook rules for determining ability scores:

For each ability, roll four D6 dice and add together the three highest dice.
Assign that roll to an ability and repeat.

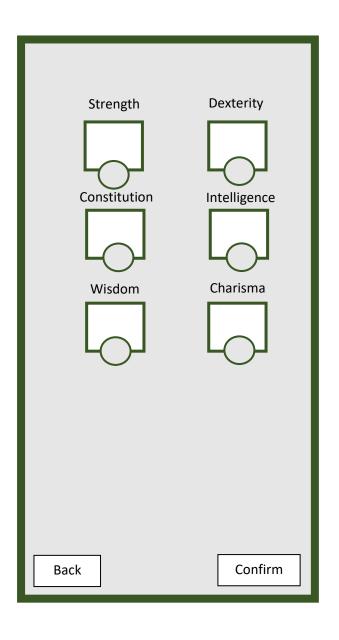
-or-

Assign 15, 14, 13, 12, 10, 8 to stats of your choice.

(this can be a pop-up for new players)

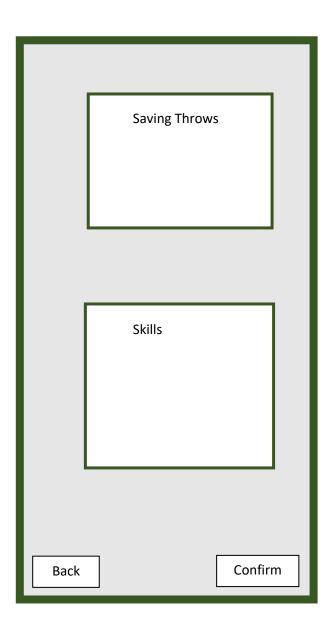
Auto-Generate could automatically insert the handbook suggestions for race, or be a random dispersement of the std. 15, 14, 13, 12, 10, 8

Upon pressing next, send user input and correlating ability to business layer	Presentation	Display Ability score confirmation page
 put ability scores in a new array (one 	Business Logic	Apply mods from mod array to ability scores and send to UI
array for mods, one array for pure ability scores)	Busiliess Logic	
Add array of ability scores to new character data object.	Service	
	Data Access	



Page will be a simple confirm or go back.

It will display the ability scores from the previous step with the addition of racial increases, along with the algorithm calculated modifiers

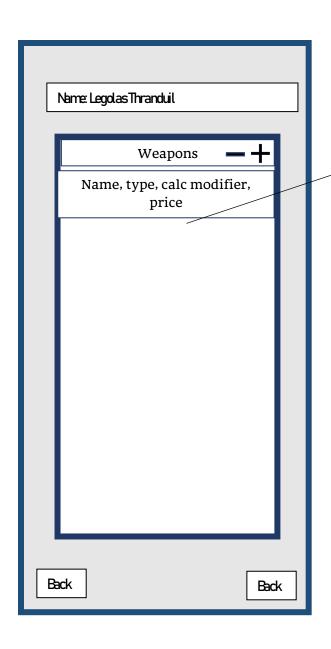


Should provide a list of Race and Class approved options from which you can select. Loaded from Api and the a simple bubble pick.



Page will be a simple confirm or go back.

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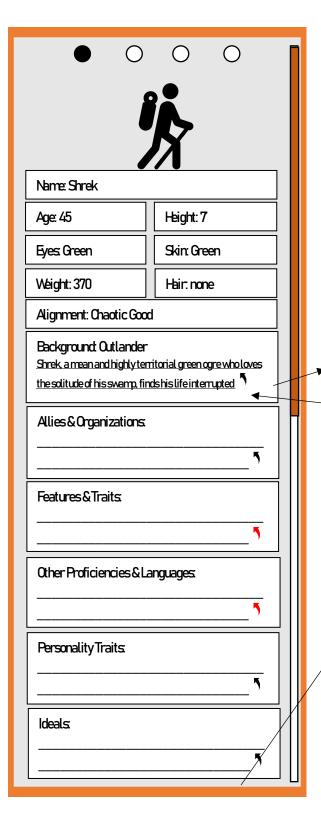
Game rules dictate weapons are typically either inherited from you race and class choices or purchased from starting gold.

We will leave it open to abuse by the user but list gold next to the weapon so if they wanted to follow rules they could. (our api does not list starter weapons for race or class)

All weapons will come from the API, low priority is adding a custom option.

Repeat for armor and other.

2.)Character Sheet



Side Note:

- Font: Bahnschrift Condensed
- Page should scroll to show all features
- "storyline characteristics" and is not needed frequently. These characteristics will remain relatively static for most players.
- Some of these may need to be uneditable, as they will take strings from race/ class/ background, as presets.

Background:

Shrek a mean and highly territorial green ogre who loves the solitude of his swamp, finds his life interrupted when countless fairy tale creatures are exiled there by the fairy tale-hating and vertically-challenged Lord Farquead of Duloc. Angered he decides to ask Farquead to exile them elsewhere. Shrek brings along a talking Donkey, who is the only fairy tale creature willing to guide him to

Duloc.

Background

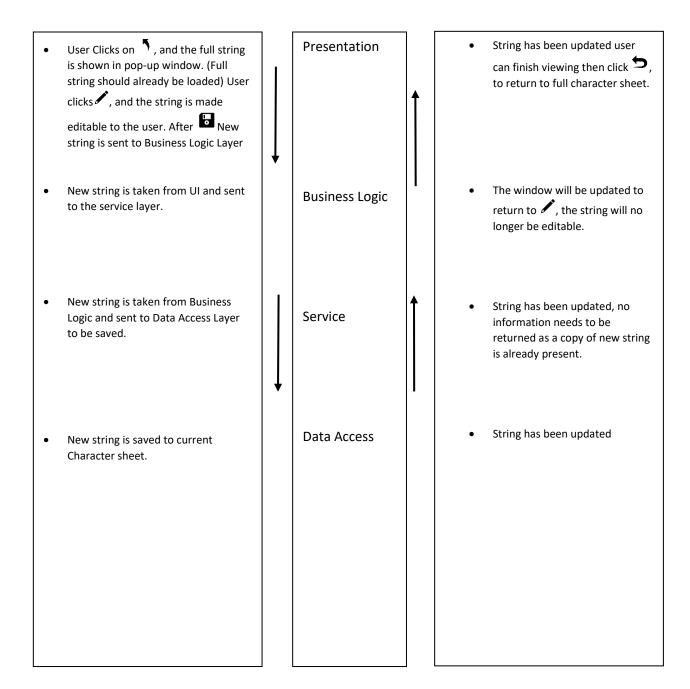
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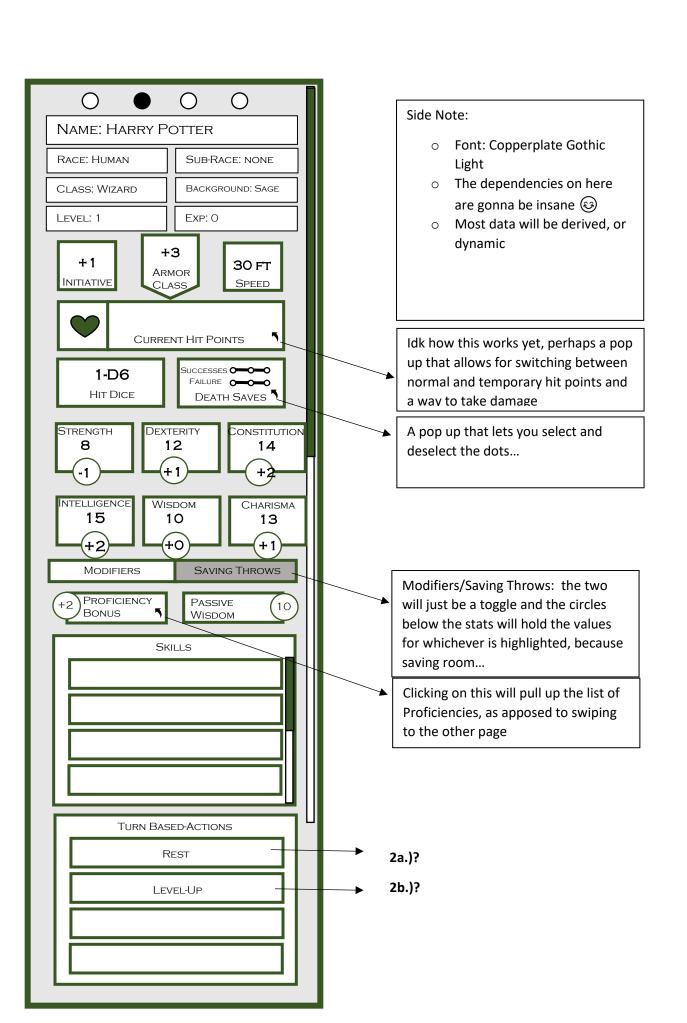
Duloc.

Bonds	

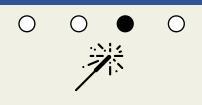
Raws

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User clicks on , and a Death Saves pop-up is shown (possibly with radio like buttons allowing you to select the number). When the user exits the pop-up, the new value is sent to the Business Logic Layer		Presentation	The graphics on the character sheet will change to reflect what the user selected
Value is taken from the UI and sent to the service layer	·	Business Logic	The screen will return to the full character sheet and the pop-up will disappear The screen will return to the full character sheet and the pop-up will disappear
Value being sent to the Data Access Layer to be saved		Service	If character dies, new info will have to be passed?
New Death Saves data is saved to the character sheet		Data Access	Values in the Data Access layer have been updated and will sent it back through (Not sure what happens when you get to 3 or go past)



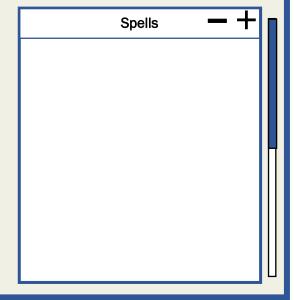
	Attacks	- +
Name	Atk Bonus	Damage/Type
Shortbow	+7	10D6 +3 P
Shortbow	+7	10D6 +3 P
Shortbow	+7	10D6 +3 P

SpellCasting Class:

SpellCasting Ability

Spell Save DC:

Spell Attack Bonus:



Side Note:

- o Font: Franklin Gothic Book
- Ideally we would add a weapon and that weapon would draw from appropriate modifiers
 - Add Weapons from a list of ones provided by api
 - o Allow custom?
- Ideally spells would be added and pull from appropriate stats and modifiers.
- Apparently spells are complex and I do not fully understand them yet
 - Add Spells from a list of spells provided by api
 - o Allow custom?

is na ha	ser selects the + button of the and prompted to enter the weapon ame (or create a new one) from the andbook weapons. Clicks on one e/she wants to add.	Presentation	†	Display new weapon in the list of scrollable weapons in the UI.
1	he item selected sends the string of ne weapon to the service layer.	Business Logic	1	•
Lo Al	tring is taken from the Business ogic Layer and is searched in the PI, data is sent to the data access yer	Service		 Send the weapons' name and stats to Business Logic layer
ar	ew weapon ands stats of weapon re saved to the character sheet, add to array of weapons	Data Access		 Send new array of weapons to the Service Layer

