DiscordPatron5e Use Cases

Name	Roll Dice
ID	UC_001
Description	Bot will randomly print an integer based on the dice the user inputs, from 1 to the specified number. (If user wants to roll a d20, it will print a number from 1 to 20)
Actors	Player or Game Master
Organizational Benefits	Allows user to roll when specified by the Game Master, or when the Game Master themselves needs to roll.
Frequency of Use	Will be the most frequent command used. In D&D, players are constantly rolling for various stat checks, combat rolls, randomly choice, and various other events.
Triggers	User types "*roll" in the Discord text server, followed by 2 integers. First int is the type of dice being rolled (i.e. d20, d6, etc.), followed by the number of dice they want to roll.
Preconditions	Bot is running on the server at the time.
Postconditions	Bot prints the number(s) that is generated from the dice rolls.
Main Course	1. Player attempts to use the DiscordPatron5e commands. 2. Bot checks to see if the command is written correctly 3. Bot generates numbers based on the command. 4. Bot returns number(s) 5. Bot prints number(s) 6. Bot allows the user to use its commands.
Alternate Courses	1.
Exceptions	EX1. User puts in an invalid data type. 1. Throw an error message informing the user that the command couldn't be done due to invalid data type. EX2. The user enters an invalid data type, such as entering a word after a command requiring a number after it. 2. Bot doesn't update the statistic and instead throws an error message informing the user of the invalid entry.

Name	Add Info and Statistics.
ID	UC_002
Description	The bot will allow player to add/subtract 2 integers given by the user.
Actors	Player or Game Master
Organizational Benefits	Helps the players do math for gameplay by a computer instead of in their head. Minimizes mistakes for error(sans typos).
Frequency of Use	Will be used almost as frequently as dice rolls.
Triggers	User types "*add", followed by 2 separate integers
Preconditions	Bot is running on server at the time.
Postconditions	Bot prints the sum of the 2 inputted integers.
Main Course	1. Player attempts to use the DiscordPatron5e commands.

	2. Bot checks to see if the command is written correctly
	3. Bot adds the two inputted integers
	4. Bot prints number(s)
	5. Bot allows the user to use its commands.
Alternate Courses	1.
Exceptions	EX1. User enters an incorrect command.
	1. Bot doesn't respond.
	EX2. The user enters an invalid data type, such as entering a word after a command requiring a number after it.
	1. Bot doesn't update the statistic and instead throws an error message informing the user of the invalid entry.

Name	Look up table information
ID	UC_003
Description	The bot will print information based on what the user specifies
Actors	Player or Game Master
Organizational Benefits	Allows user to get information quickly through the bot instead of having to scroll through the pages of the players handbook or having to googling it.
Frequency of Use	The lookup function will only be used when players are in need to look up information of a certain type(like to see how much damage dice a dagger rolls or to see the resistances a certain species/race has.)
Triggers	User types "*lookup" in the Discord text channel, followed by one of the various tables(weapons, spells, races, class).
Preconditions	The bot is running on the server at the time.
Postconditions	Bot prints the table of the desired information.
Main Course	1. Players type "*lookup" followed by a valid info table into the Discord text channel.
	2. Bot checks to see if the user is registered.
	3. Bot sorts the players by wins, from greatest to least.
	4. Bot sends a message displaying the leaderboard.
Alternate Courses	1.
Exceptions	EX1. User enters an incorrect command.
	1. Bot doesn't respond.