Name of Student:

Jack Dunning

Name of Project:

Video Game (probably world of warcraft) Wiki Scraper

Project's Purpose or Goal:

This will be a web app. It will scrape stats for items so people can see which items have the best stats for their current character/build. People can add items scraped to list and it will calculate the stats.

User Story: If a user played a Warrior they probably want to see equipment items with the highest strength stats so they can be the biggest and strongest Warrior ever. My app will allow a user to sort through a list of items with strength as a stat on the item and add them to their list so users can see a full set of items and what their final stats would be so they can see what items they need for their character/build.

List the absolute minimum features the project requires to meet this purpose or goal:

- Scrape item data from wiki
- Have List of items from wiki
- User can make their own list of items with CRUD functionality
- Will have Primary Stat calculator

What tools, frameworks, libraries, APIs, modules and/or other resources (whatever is specific to *your* track, and *your* language) will you use to create this MVP? List them all here. Be specific:

- Language: Javascript
- Javascript Library: React
- Markup: Html
- Styling: Css/Sass
- WebScraper Puppeteer
- Front-end framework: Bulma
- Database: Mongo db
- Server: Node

If you finish developing the minimum viable product (MVP) with time to spare, what will you work on next? Describe these features here: Be specific:

Instead of having a person search through items I will have a "best items for class/character/build" section. It will have radio buttons that set to a primary stat like strength, dexterity, intelligence, etc... that will have an auto generated list with the best items per slot based on that stat. If I get through that instead of having it based on primary stat I could have it based on what stats are the best for their class. And if I get through that I could have it based on what stats the user specifies with a form with inputs. If I add all of these features I will add authentication so users can sign in and out and save their personal item lists. If everything is done make it mobile responsive so people can use this on their phones.

What additional tools, frameworks, libraries, APIs, or other resources will these additional features require?
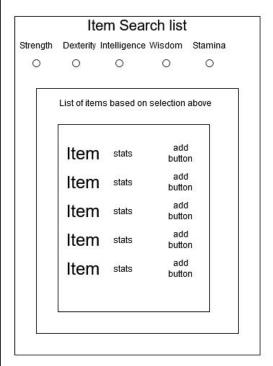
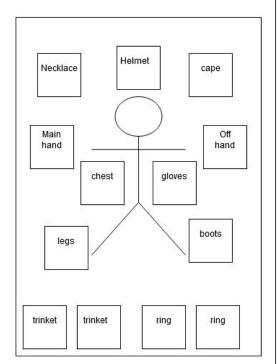I could probably do it with the technologies listed but need feedback probably.

Is there anything else you'd like your instructor to know?

Never tried web scraping but it seems like super cool technology, if you guys have any resources please send them my way.

Component Tree:

Video Game Wiki Scraper

Item Search list

Strength Dexterity Intelligence Wisdom Stamina
○   ○   ○   ○   ○

List of items based on selection above

Item	stats	add button
Item	stats	add button
Item	stats	add button
Item	stats	add button
Item	stats	add button

Necklace   Helmet   cape

Main hand   Off hand

chest   gloves

legs   boots

trinket   trinket   ring   ring

Stat Claculator

Strength   Dexterity Intelligence Wisdom   Stamina