## Group Project - API Testing

For your group project, you have been asked by an imaginary client to help solve a [insert your choice] problem. You are allowed to use any Public API that is available to you, a great list of Publicly Available API's are available <a href="here">here</a> - I recommend using ones that with have No Auth or API Key Auth/

As part of this Group Project, one of the most difficult parts is being able to ensure that your APIs are working. The point of the this Deliverable is for you to layout your pages and the API's that will be used to be able to provide data to the pages.

We want to make sure that you are able to get Data from the API.

## **API Mapping - 20 pts**

- Create a List of the Pages you are going to Create and what data you will show
- 1. Home/Main Page
  - a. Display the given steam sale game's details, including the name, rating, deal rating, the normal price, and then the sale price.
- 2. The about and help page will likely not display any api data, but just provide instruction.
- List the API's which you will leverage to show the data on the page
  - I've chosen to work with CheapShark API because it provides exactly what I'm looking for, "Steam/PC Game Prices and Deals".
  - Will use their Deals request to get the lookup on the best deals for online games.
  - Could also use their Games request to get a list of names that match the system and implement that into a search system.

## API Results - 30 pts

- Make Insomnia Calls to the API(s) that you will use
- Show that you are able to get the data you desire
- Take Screenshots of the Request + Response showing the data for each API

```
function testapiCall() {
       const usingMock = true;
       const hostName = usingMock ?
               https://mock-ea65f4fc2d424b3387f4ed888e171972.mock.insomnia.rest/api/1.0/deals': 'placeholder';
       fetch(hostName).then((result) => result.json()).then((resultJson) => {
               console.log(resultJson);
               resultJson.forEach((resultName) => {
                      console.log(`Name: ${resultName.internalName}, Sale Price: $${resultName.salePrice}`);
// games https://www.cheapshark.com/api/1.0/games?title={title}
const hostName2 = usingMock ?
        'https://mock-ea65f4fc2d424b3387f4ed888e171972.mock.insomnia.rest/api/1.0/games' : 'placeholder';
fetch(hostName2).then((result) => result.json()).then((resultJson) => {
       console.log(resultJson);
       resultJson.forEach((resultName) => {
               console.log(`Name: ${resultName.external}`)
                                                                                                      ▶ Array(37)
                                                                                                                                                                    377 Project JS.js:18
                                                                  377 Project JS.js:8
      (60) [{...}, {...}, {...}, {...}, {...}, {...}, {...}, {...}, {...}, {...},
                                                                                                     Name: LEGO Batman
                                                                                                                                                                    377 Project JS.is:20
    Name: LEGO Batman 2
                                                                                                                                                                    377 Project JS.js:20
     {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, {--}, 
                                                                                                     Name: Batman: Arkham VR
                                                                                                                                                                   377 Project JS.js:20
                                                                                                     Name: LEGO Batman Trilogy
                                                                                                                                                                   377 Project JS.js:20
                                                                                                     Name: Batman: Arkham Knight
                                                                                                                                                                    377 Project JS.js:20
  Name: THEGREATAXE, Sale Price: $11.14
                                                                377 Project JS.js:10
                                                                                                    Name: Batman: Arkham Origins
                                                                                                                                                                   377 Project JS.js:20
  Name: METRO2033REDUX, Sale Price: $2.99 377 Project JS.js:10
                                                                                                    Name: Batman Arkham City GOTY
  Name: HITMAN2SILENTASSASSIN, Sale Price: 377 Project JS.js:10
                                                                                                                                                                   377 Project JS.js:20
                                                                                                     Name: Batman: Arkham Collection
                                                                                                                                                                   377_Project_JS.js:20
  Name: SHADOWTACTICSBLADESOFTHESHOGUN.
                                                                377 Project JS.js:10
                                                                                                    Name: LEGO Batman: The Videogame
                                                                                                                                                                   377 Project JS.js:20
  Sale Price: $3.99
                                                                                                     Name: Batman: Arkham Asylum GOTY
                                                                                                                                                                    377_Project_JS.js:20
  Name: ATOMIKRUNGUNJUMPGUN, Sale Price: 377 Project JS.js:10
                                                                                                     Name: LEGO Batman 3: Beyond Gotham
                                                                                                                                                                    377 Project JS.js:20
  $0.79
                                                                                                    Name: Batman Game of the Year Pack
                                                                                                                                                                    377 Project JS.is:20
  Name: NEURAGUN, Sale Price: $0.99
                                                                377 Project JS.js:10
                                                                                                    Name: Batman - The Telltale Series
                                                                                                                                                                    377 Project JS.js:20
  Name: FREEDOMFIGHTERS, Sale Price: $1.49 377 Project JS.js:10
  Name: GOODBYEDEPONIA, Sale Price: $1.99 377 Project JS.js:10
                                                                                                    Name: HOT WHEELS - Batman Expansion
                                                                                                                                                                   377 Project JS.js:20
                                                                                                    Name: LEGO Batman 2: DC Super Heroes
                                                                                                                                                                   377 Project JS.is:20
  Name: SEMBLANCE, Sale Price: $0.99
                                                                377_Project_JS.js:10
                                                                                                    Name: Telltale Batman Shadows Mode
                                                                                                                                                                    377 Project JS.js:20
  Name: RETURNTOMYSTERIOUSISLAND, Sale
                                                                377 Project JS.js:10
  Price: $1.49
                                                                                                     Name: Batman: Arkham City GOTY Edition
                                                                                                                                                                   377_Project_JS.js:20
  Name: GOETIA, Sale Price: $1.49
                                                                377 Project JS.js:10
                                                                                                     Name: Batman: Arkham Knight - Season
                                                                                                                                                                   377 Project JS.is:20
                                                                                                    Pass
  Name: CHAOSONDEPONIA, Sale Price: $1.99 377 Project JS.js:10
  Name: KENFOLLETTSTHEPILLARSOFTHEEARTH,
                                                                                                    Name: Telltale Batman Shadows Edition
                                                                                                                                                                    377 Project JS.js:20
                                                                377 Project JS.is:10
  Sale Price: $1.99
                                                                                                     Name: Batman Arkham Asylum GOTY Edition 377 Project JS.js:20
  Name: THENEXTPENELOPE, Sale Price: $1.29 377 Project JS.js:10
                                                                                                     Name: Batman Arkham Origins Season Pass 377 Project JS.js:20
  Name: WARHAMMERENDTIMESVERMINTIDE, Sale 377_Project_JS.js:10
                                                                                                     Name: Batman Arkham City: Game of the
                                                                                                                                                                   377 Project JS.js:20
```

Price: \$2,24