**Final Project Statement of Work Template**

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| Hajer Qara |

**Group Number:**

**Group Leader:**

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| Hajer Qara, Pearl John, Zoey Vizzaccaro |

**Names of Group Members:**

**Summary of what your program will do (be very specific):**

We will create a program that utilizes the Pokémon API. A Pokémon API allows users to search for Pokémon’s by their type or name. The program willprovide info on various aspects of the Pokémon, including their stats, type, strengths and weaknesses. Additionally, the API is designed to provide a convenient and user-friendly way for people to access information about their favorite Pokémon characters.

**Decomposition with Assignments:**

Use the space to list the decomposition or outline of your program. Next to each section, provide the name of the student who will be working on that portion.

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| **Decomposition** | **Responsibility** |
| Create a function main() that will set up the app and run the UI for the user | Pearl John |
| Create a method to parse the JSON file parseJSON() | Pearl John |
| Create a method to search by the type of Pokémon pokémonType() | Zoey Vizzaccaro |
| Create a method to search by the strengths of Pokémon pokémonStrength() | Hajer Qara |
| Create a method to search by the weakness of Pokémon pokémonWeakness() | Pearl John |
| Create a method for SimpleServer to accept and process requests. | Zoey Vizzaccaro |
| Create Structs that will store the information that was processed and organized. | Hajer Qara |