

# Sprint-2 Artifact

## Features (user stories) to Implement:

- Search Bar with multiple field categories
  - Buttons and filters (search by week, month, yr, etc)
  - Search bar will search for string (like ctrl + F)
  - Fields: Date, Race/Ethnicity, Age, Gender

## GUI Design:

- HTML/CSS/JS
- React Javascript (*maybe*)

drop-down fields		search button
race/ethnicity		
gender		
age		
date		

(example: if "race/ethnicity" was selected and "white" was searched)

race/ethn	gender	age group	date	vaccine received	dose number(1 or 2)
white					
white					
white					
white					
white					

## Test Cases:

- As a user, I want to search for a certain date
  - Output: A table with all the vaccines administered on that certain date is displayed
  - Error Handling: Strings/Char will be invalid input. Date can only be in integers separated by slashes.
- As a user, I want to search for a certain race/ethnicity
  - Output: A table with all the vaccines administered of that certain race/ethnicity is displayed
  - Error Handling: Integers will be invalid input. Race/Ethnicity can only be in strings/characters. Unrecognizable race/ethnicities will show 0 results.
- As a user, I want to search for a certain age
  - Output: A table with all the vaccines administered of an appropriate age group (12-17, 18-49, 50-64, 65+) is displayed.
  - Error Handling: Strings/Char will be invalid input. Age can only be in integers.
- As a user, I want to search for a certain gender
  - Output: A table with all the vaccines administered of that certain gender is displayed
  - Error Handling: Integers will be invalid input. Gender can only be in strings/characters. Unrecognizable genders will show 0 results.

## Taskboard (Done List):

- Set up client / server in Python Django (*by Saturday midnight*)
  - Responsible Person(s): Everyone
- Enabled communication between client and server
  - Responsible Person(s): Everyone
- Demonstration (*due Weds.*)
  - Responsible Person(s): Scott

## **To-Do List (Upcoming):**

- Search Button (will have to receive and send a communication signal in order to actually search according to preference)
    - Responsible Person(s): Scott Mesdjian, Mahamadsaad Sheikh
  - Drop-down Category Fields (connect each choice to a specific field)
    - Responsible Person(s): Scott Mesdjian, Hongan Zhang
  - Text Search Box and Error Handling
    - Responsible Person(s): Jason Chu, Mahamadsaad Sheikh
  - Data parser + formatting
    - Responsible Person(s): Brayan Montiel, Jason Chu, Hongan Zhang
- Demonstration (*due Weds.*)
- ◆ Responsible Person: Mahamadsaad Sheikh