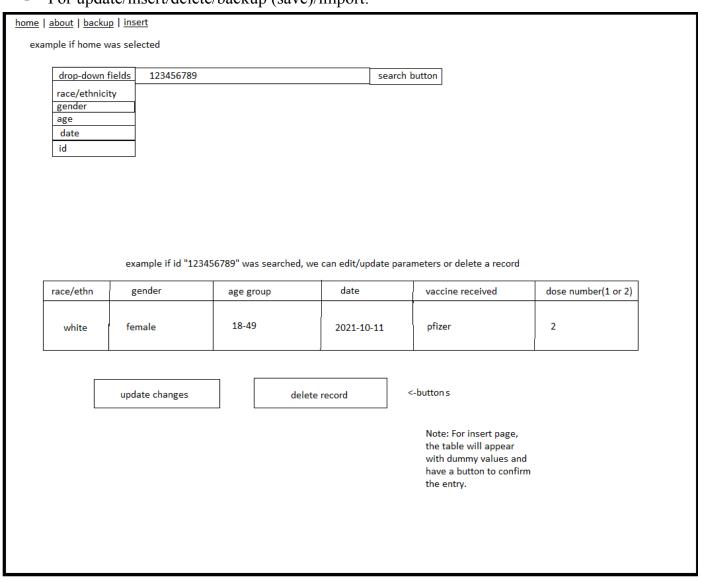
# Sprint-3 Artifact

## Features (user stories) to Implement:

- Update record
- Insert new record
- Delete record
- Backup/Save data
- Ability to import data

# **GUI Design:**

- For update/insert/delete/backup (save)/import:



#### **Test Cases:**

- As a user, I want to insert a record
  - Output: A table with all the vaccines administered will be updated to include the new record
  - Error Handling: Invalid inputs
- As a user, I want to delete a record
  - Output: A table with all the vaccines administered will be updated to remove the selected record
  - Error Handling: Invalid inputs
- As a user, I want to modify a certain
  - Output: A table with all the vaccines administered will be updated to reflect the modified record
  - Error Handling: Invalid inputs
- As a user, I want to save all my changes and import it if the program is restarted
  - Output: All data changes will be exported to a JSON file and will be ready to be imported again
  - Error Handling: Invalid Inputs and avoiding file corruption and incorrect row numbers

# **Taskboard (Done List):**

- Search Button (will have to receive and send a communication signal in order to actually search according to preference)
  - o Responsible Person(s): Scott Mesdjian, Mahamadsaad Sheikh, Brayan Montiel
- Text Search Box and Error Handling
  - o Responsible Person(s): Jason Chu, Mahamadsaad Sheikh
- Data parser + formatting
  - o Responsible Person(s): Brayan Montiel, Jason Chu, Hongan Zhang
- Presentation
  - Responsible Person(s): Scott Mesdjian

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

- Results page will be updated according to the following actions/features:
  - New page for a form with a Create New Record button for insertion (and enable communication to actually insert data)
    - Responsible Person(s): Mahamadsaad Sheikh, Scott Mesdjian
  - **Delete Record** button for deletion (and enable communication to actually delete data)
    - Responsible Person(s): Brayan Montiel, Hongan Zhang
  - Modify Value button for updating [enter the ID of record to modify, then choose from a drop-down menu on which attribute to change, and then input a new value in the text box] (and enable communication to actually modify data)
    - Responsible Person(s): Scott Mesdjian, Jason Chu
- Make search results into table format
  - Responsible Person(s): Jason Chu, Mahamadsaad Sheikh
- Enable an automated save function and an importing function for the JSON file (Don't parse the JSON file every time, only once at launch, into a data structure.)
  - o Responsible Person(s): Hongan Zhang, Brayan Montiel
- Drop-down Category Fields (connect each choice to a specific field)
  - Responsible Person(s): Scott Mesdjian & whoever volunteers