

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:

[home](#) | [about](#) | [backup](#) | [insert](#)

example if home was selected

drop-down fields	123456789	search button
race/ethnicity		
gender		
age		
date		
id		

example if id "123456789" was searched, we can edit/update parameters or delete a record

race/ethn	gender	age group	date	vaccine received	dose number(1 or 2)
white	female	18-49	2021-10-11	pfizer	2

update changes

delete record

<-button s

Note: For insert page,
the table will appear
with dummy values and
have a button to confirm
the entry.

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)
 - Responsible Person(s): Scott Mesdjian, Mahamadsaad Sheikh, Brayan Montiel
- 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
- 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.)
 - 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