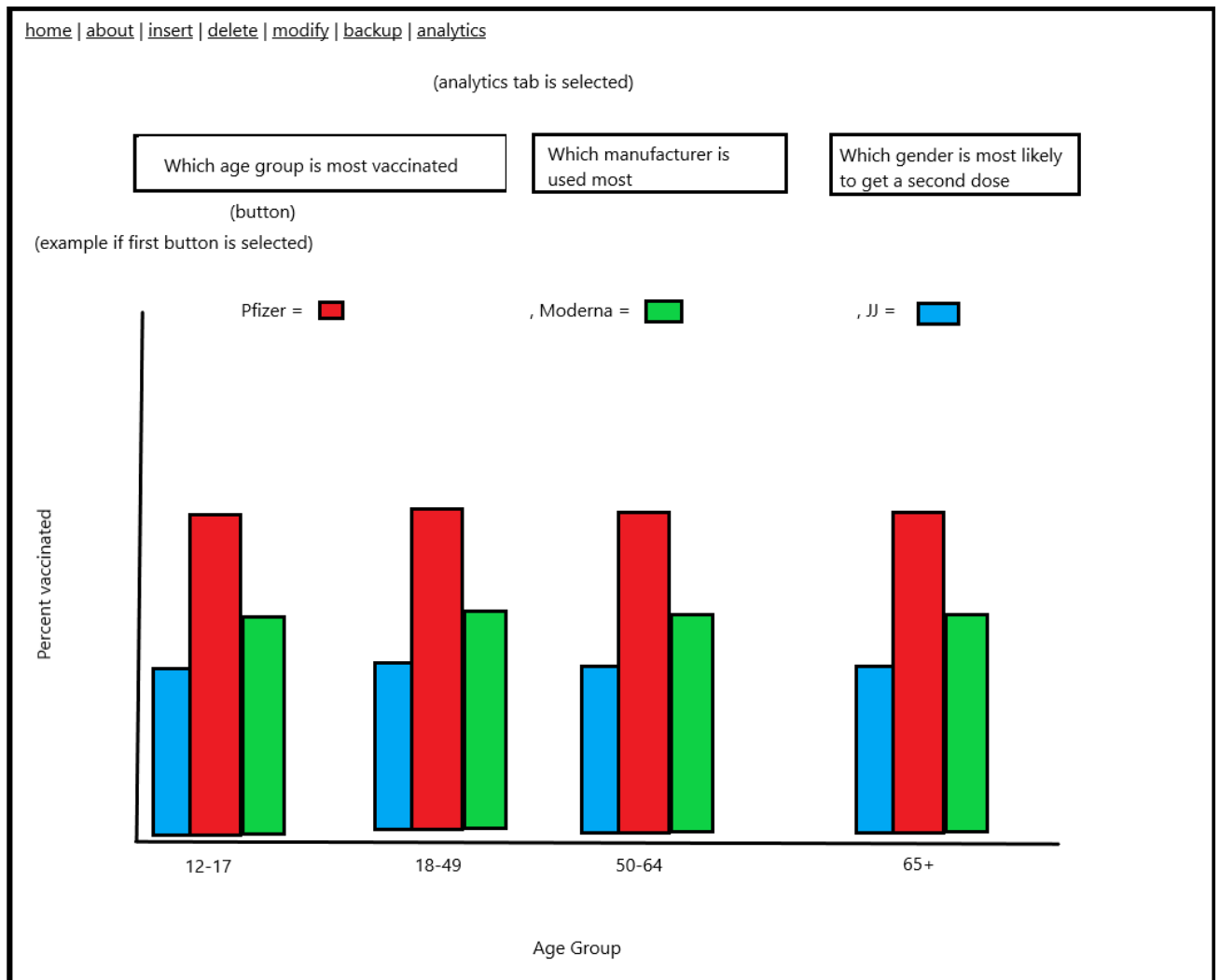# Sprint-6 Artifact

Features (user stories) to Implement:

➢ Two Incremental Analytics
  ○ Monthly Vaccinations Analytics
  ○ Fully Vaccinated Analytics

GUI Design:

Test Cases:
➢ As a user, I want to insert/update/delete an entry for the monthly analytics and see it reflected accordingly
  ○ Output: The updated graph will be displayed as well the time of computation
  ○ Error Handling: Invalid inputs from insertion, deletion, and updates.
➢ As a user, I want to insert/update/delete an entry for the partially vaccinated to fully vaccinated analytics
  ○ Output: The updated graph will be displayed as well the time of computation
  ○ Error Handling: Invalid inputs from insertion, deletion, and updates

Taskboard (Done List):
➔ **Analysis for which demographic** (i.e. ethnicity, age, gender) is the most/least vaccinated?
  ◆ Responsible Person(s): Brayan Montiel
➔ **Analysis for how different age groups** vaccination rates compare
  ◆ Responsible Person(s): Jason Chu, Mahamadsaad Sheikh
➔ **Analysis for which vaccine manufacturer** was administered the most
  ◆ Responsible Person(s): Mahamadsaad Sheikh, Jason Chu
➔ **Analysis for which gender** is more likely to get their second dose of vaccinations (i.e. become fully vaccinated)
  ◆ Responsible Person(s): Scott Mesdjian

To-Do List (Upcoming):

➔ **Incremental Analysis** for Monthly Analytics as well as timekeeping
  ◆ Responsible Person(s): Scott Mesdjian, Mahamadsaad Sheikh
➔ **Incremental Analysis** for Percentage of Fully Vaccinated Analytics as well as timekeeping
  ◆ Responsible Person(s): Jason Chu, Brayan Montiel, Hongan Zhang