



MiraCosta Computer Science For The Common Good: MyHealth App for SDSU Students/Staff

- Students and staff report how they are feeling in app
- App collects data
- Data processed by automated algorithms
- Alerts users when increase in illness
- Mental health component, students report how they are feeling emotionally, option to be connected with trained staff member for support





Client: SDSU students and staff

Hackathon Themes Used in the App: Artificial Intelligence/Machine Learning, Mobile

Data: Comes from users when they use the app. We store the data in SQL database with encrypted passwords and relational keys to maximize efficiency. When there is a spike in an illness among students and staff, this information is reported back to users in the form of an SMS notification by the automated algorithms. Students and staff are encouraged to use the app daily by earning 1 entry to the raffle of the month each time they check in.

https://www.youtube.com/watch?v=H_nRG-9DERw

Team Collaboration: We met on Discord to come up with our plan, discuss where we would get the data from, how the app would work and look, design the app, and write the code for the app. We met several times and reviewed the work each team member had done and shared ideas to streamline the app and data.

Video source (credit SDSU) <https://youtu.be/8f7kpPUR0mw>

Image sources: jbl.com, starbucks.com, apple.com

Data sources: Berkeley News, Panorama Education, Statistica