

Improving Hospital Patients' Well-Being through Technology

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What is my project?

- I'm developing an application to help hospital patient's overall well-being.
- Patients would be able to download app on phone or access on a website.
- Would include aspects such as:
 - Access to support groups
 - Place to connect with other people in the hospital (other patients, case managers, patient advocates)
 - Relaxing and destressing exercises/ activities
 - Support of holistic care (physical, mental, emotional, and spiritual well-being)

What makes this interesting?

This is an interesting CS project because...

- It's interesting learning about the requirements gathering process and everything that goes into developing a useful application.
- Web development and design is something that I am curious to learn more about.
- It brings together mental health and CS.
- It's a way to utilize my programming and computer science skills to help people.

What have I done so far?

- So far, I've been gathering requirements and getting ideas from others.
 - Met with Ursula Tierney, who is a mental health nurse instructor here at Xavier.
- Learning and reading about requirements gathering and UI/UX modeling.
- Externalizing ideas; drawing some rough sketches of what it could potentially look like.
- Looked at wireframing websites to start designing what the app would look like.

What do I hope to accomplish/ learn?

From this project, I hope to...

- Learn more about UI/UX and starting the design of a large-scale application.
- Learn skills in designing an application.
- Get a wireframe designed and understand what different screens on the app could look like.
 - All for design purposes, no functionality.
 - Using Figma, mockups, or wireframe.cc.
- Create a skeleton for the application.
 - Basic functionality.