

DIABEATIT

Team Members: Deepika Suresh, Gene Horecka, Kevin Grozav, Lucky Nguyen
Stephanie Arteaga, Tyler Bakke, Young Min Park, Zhicong Kong

Executive Director: Mandy Bratton, PhD

Faculty Advisor: Charles G. Goldberg, MD, Anupam Garg, Idyvay Hadimay

TA: Gabriele Di Fiore

UC San Diego

JACOBS SCHOOL OF ENGINEERING

Mission Statement

To foster a substantial awareness and knowledge of the causes and prevention of diabetes, by creating Diabeatit - a mobile application. This knowledge will engage the community in making healthier lifestyle choices in accordance with the latest scientific research related to diabetes. Join Diabeatit, together we can beat it!

Project Description

Diabeatit will run on a tablet placed in patient waiting rooms across the San Diego area, enabling individuals to utilize this set time in an interactive and hands-on experience to learn more about diabetes. Our mobile application provides a tailored interface that targets different demographics with interactive views that allow the user to input responses to questions and read scientifically sound articles concerning the causes and effects of diabetes. The applications interface will be connected to a backend service that provides a secure environment for hosting and deploying our solution, and, additionally, for storing any data from an optional survey, data which will be used to better improve our user experience going forward.

Quarter Goals

- Design the user interface of the web application to be user friendly and interactive
- Implement backend construction
- Build a working web application that will entertain and educate young adults

