

Health web application project

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Project Background

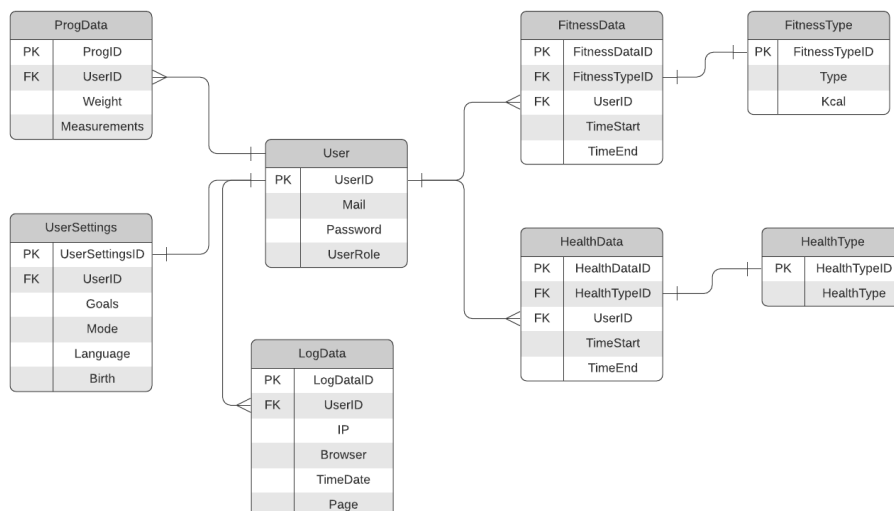
Ever since the introduction of technology in our society, we have strived towards using it to make everyday life easier and more comfortable. Not long ago, people used sticks and stones together with the sun to read the time of day. Today a watch fits around a person's wrist and can do so much more than just display the time.

The evolution in technology has increasingly become more and more popular and applicable in the ordinary persons life. Laptops and mobile phones allow a person to always be able to stay in contact with others wherever they are. The pinnacle of this evolution has boiled down to devices that allows a user to send messages, answer calls and using GPS for finding locations and places on maps.

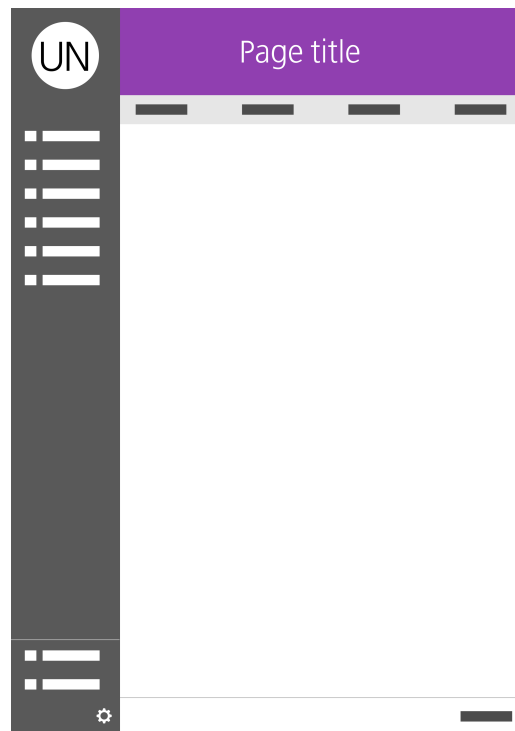
Devices can also be used to track a person's physical activities and general health like blood pressure, oxygen levels etc. One of the major benefits is the ability to combine all the data using applications, easily accessible from phones and computers alike.

Preliminary system design

The preliminary system design includes an conceptual overview of the database design and a mockup of the graphical interface. The database will centre around the user and user health data. One (or maybe more) entities will store analytics and access data.



This is the general idea of how the user interface will look like in the final result. We will have a sidebar where the user can navigate thru the application. In the sidebar user can upload a profile image to use inside the circle. Underneath the page title an optional sub menu could be shown.



Expected final results

The aim is to construct a functional web application that allow the user to manage their health data. The expected result of this project is to present a secure and user friendly application where users is able to register new accounts. They can then set goals and input their data continuously and have a good overview of their health and physical activities throughout the application. The application will also have an administration login to manage users, enforce policies and monitor access logs. The logs saves user activities, access information (such as IP-address and browser type) along with time and date.

Time plan

This is the estimated time plan for the project development cycle. Deadline for the project is 2022-05-20 for the seminar presentation.

