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CS 371

**Fit Git Design Documentation**

Our app has a total of five separate pages. See diagram for each page below. Our app uses a combination of models, xaml, C#, and Googles live database Firebase. All of our interaction with the database can be found in the file FirebaseHelper.cs. Within this file all of the query functions are written to get users, add users, get a list of all users, delete users, determine if a user exists, and update the current user. All of these are live interactions meaning as soon as something is changed by the user about their account it changes within the database. Nearly all other pages are simple page layouts meaning they display the formal layout of the app. We have one model which is our exercise model. Within this model everything about a specific exercise is stored, our user class then has two lists of these models. One list is the exercise history list and one is the list of exercises the app displays information about. Our only other page that does not define the formal layout and information on the page is the SplashScreen.cs page, this page loads on startup of the app and displays our logo to the screen until the app loads. To see formal descriptions of the functions and to see more specifically what they do, view the code within visual studio.

