

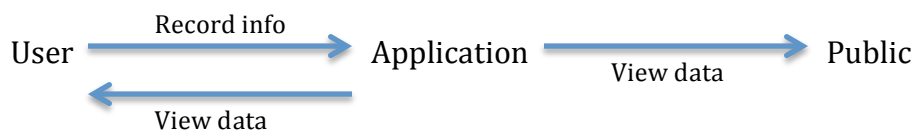
Description:

This app will allow a user to track their workouts and collaborate with friends to craft workout routines.

Purpose:

- Track workouts
- Share workouts with friends
- Collaborate on workouts

Context:



Concepts:

- User – interacts with the app by adding/editing workouts and viewing others workouts
- Workout – combination of exercises, containing specific information

Challenges:

The first challenge we encountered is how to represent the workouts inside the app. There are two main options: predefined exercises and user defined exercises. The advantage of using predefined exercises is that it makes analytics easy, in that we know exactly what exercise was done and can compare it between other workouts, but flexibility is limited; users won't be able to define their own exercises, or modifications on existing exercises. Allowing user defined exercises allows absolute flexibility, but makes comparison difficult or impossible to perform. I prefer to use predefined options because analytics is one of the purposes of the app.

Another challenge is how to go about the sharing of workouts. Is there a "friend" concept implemented in the app? This would allow users to determine who they share their workouts with, but would add complexity. The other option is to make leaderboards public, which is very simple and increases the data available to any single user, but limits privacy. Because the purpose of our app is not dependent upon having defined friends, I prefer the hybrid option of having each user choose whether their workouts are private or public. It allows the sharing to be accomplished, but lets users retain privacy if they wish.