**Bases de Dados 2018**

**Home Gym**

A mobile application for

workout challenges

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**What is home gym?**

**Home Gym** is a mobile application for challenging other people to do workout with you in a fun and interactive way. You get rewards by completing challenges and get feedback on how well you did, to help you improve for next time!

Our idea with this project is to create a **Data Base** to manage all the user and app information, keeping track of all the user’s statistics, all on-going challenges, types of exercises, user reviews, and others (this subject will be specified in the following chapter).

**Project’s Specification**

Any person using the application is a **User**. The user connects to the app with its facebook account, being characterized by its facebook ID, personal name and by score, calculated from the scores from all the challenge’s the user has participated in.

A **User** can be participating in more than one **Challenge** at a time, a each Challenge is composed by an ID, by a start and an ending date, and information about if the challenge is public or not and wether it is active or not (auser can cancel the challenge at any time). In each challenge there can be 2 or more participants.

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