

Kurs - klass Entity Framework - WIN	Utgåva 1	Dokumentnr Entity_Lab_02
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Scenario exercise 2 - Workout

The gym” **Work hard - Kick ass!**” want’s a webpage for their hard training members. They have a vague idea about what they want. They want you to complete the idea and enhance it.

Company requests

1. The members must be able to log in on the webpage
2. When they are logged in they should be able to manually log all the exercises that they have made. Examples:
 - Spinning/indoor walking/running in x minutes
 - Bench press:
 - 12 x 70kg
 - 8 x 80kg
 - 4 x 90kg
3. In the future the machines will report to the system automatically. The member then draws his/her member card when entering the machine. The machine then register for the member...
4. It would be nice if history data could be shown.
5. Sites we want to use for logged in members:
 - **A days workout overview** nicely displayed on one of the pages
 - a **registration page** for activities
 - a calculation of how many **calories used** this day
 - Top score page displaying:
 - Top results for each machine with date of performance
 - Prediction page
 - Displaying a calculation for when a user accordingly to the history will reach a certain goal (ex. When will I be able to lift 70kg if I proceed in the same speed?)

Teachers request

- Work in groups of max 5.
- Use entity framework with a **code first approach**
- Populate the database automatically with dummy data when the model is changed
- The work shall be handed over to a randomly chosen class mate when showing it to me, so you need to have instructions for her/him on how to complete this task.
- Show the result 9/4-2015.