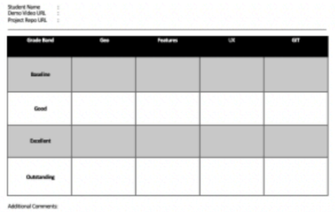
Assignment 2

Project 2 Specification

Specification for Assignment 2

Project Submission Template



An archive of a word document to be submitted with assignment 2

Assignment 2 Submission

Moodle assignment dropbox for Assignment 2

Agenda

Assignment Concept

Grading Bands

Detailed Specifications

Grading Rubric

Deadlines

Where to start?

Assignment Concept

A Gym requires an app to periodically track assessments on individual members

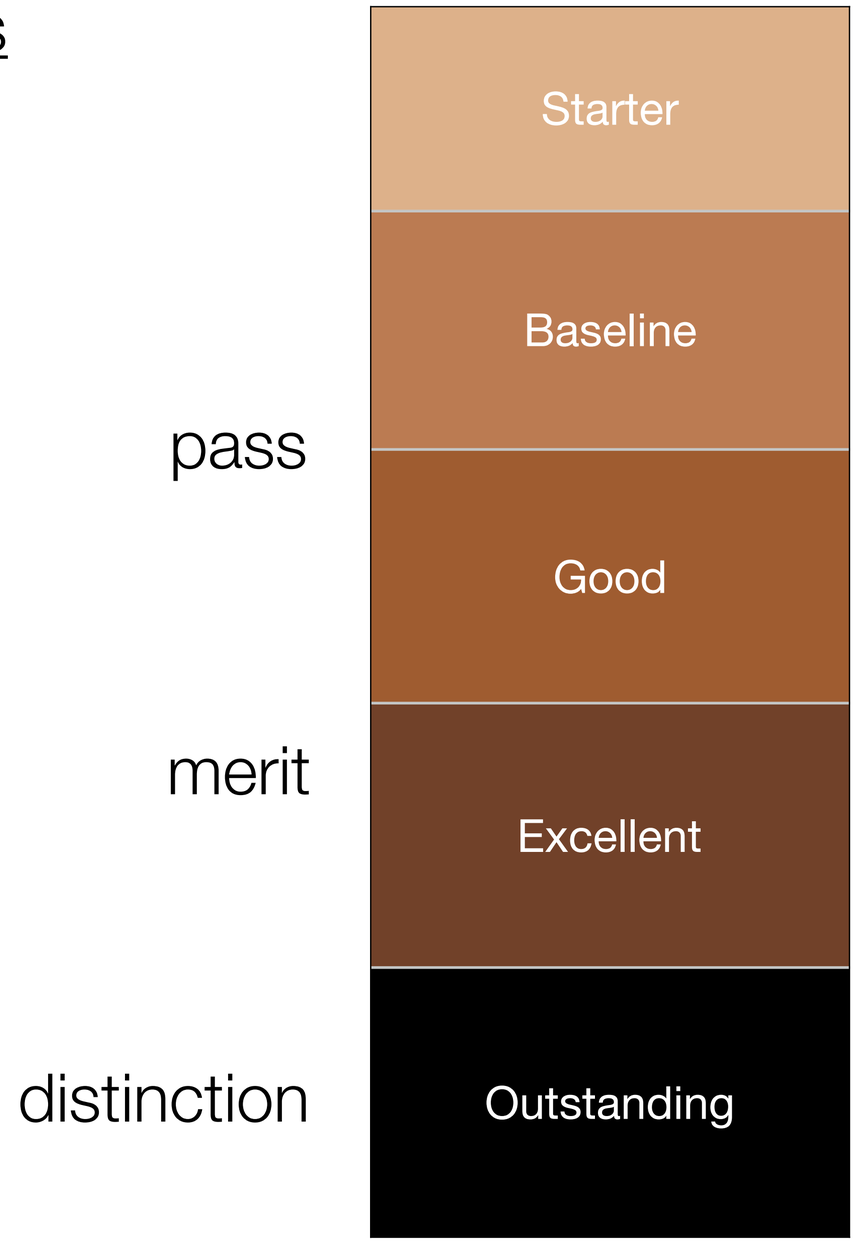
Assessments capture essentials measurements on the member at a given date

The app should generate analytics on the status of the member after a given assessment

The app should enable a Trainer to review assessments, and comment on any specific assessment

Grading Bands

Assignment 2
Grading Range



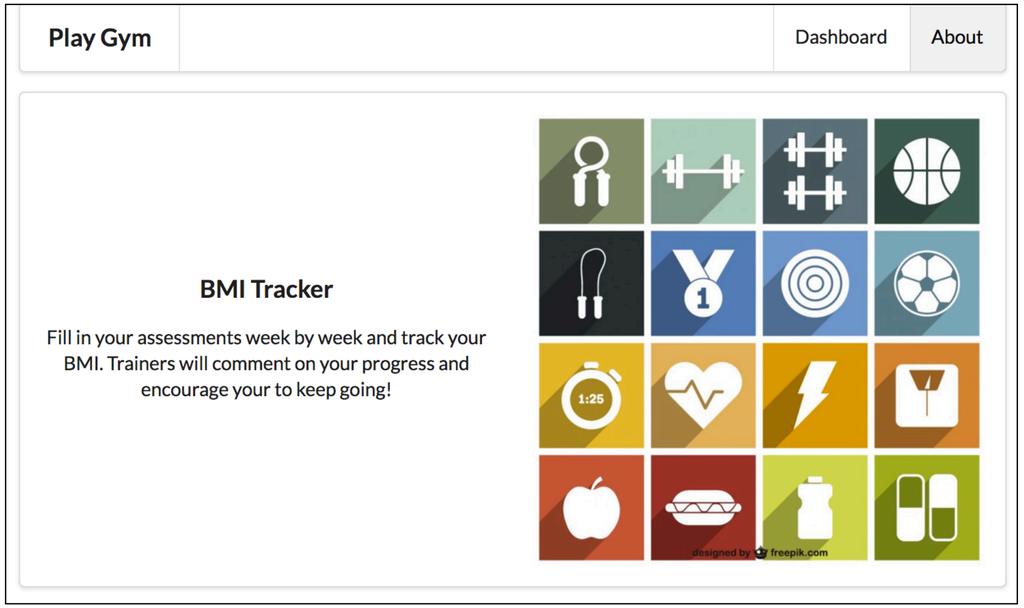
Ratios

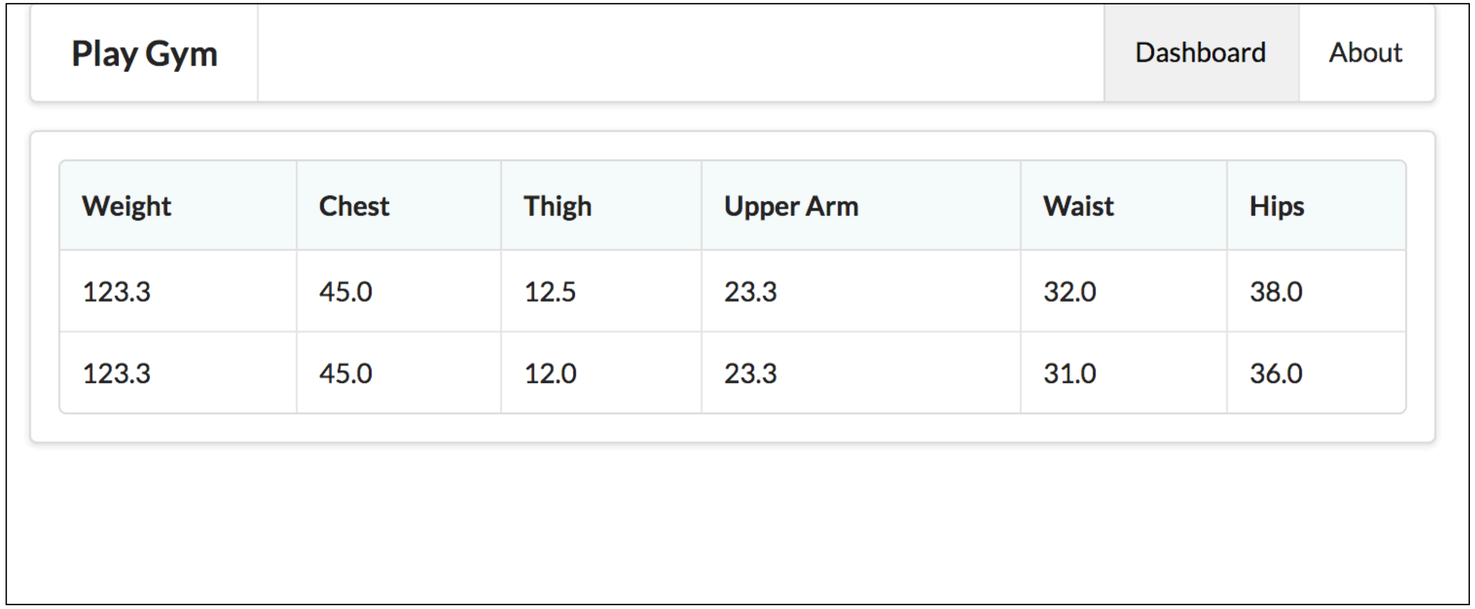
Assignment 1 : Assignment 2

40% : 60%

Starter

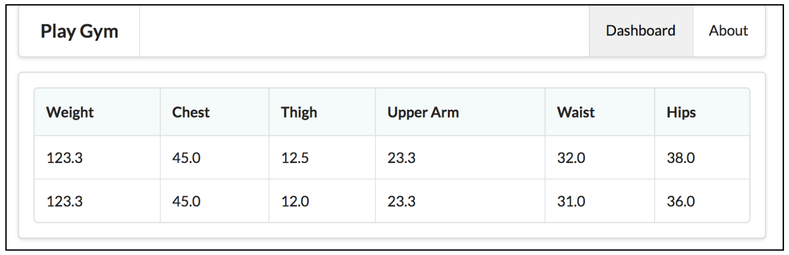
Assessment	Analytics
Test assessments loaded from yaml file consisting of weight, chest, thigh, upper arm, waist, hips	List of all assessments

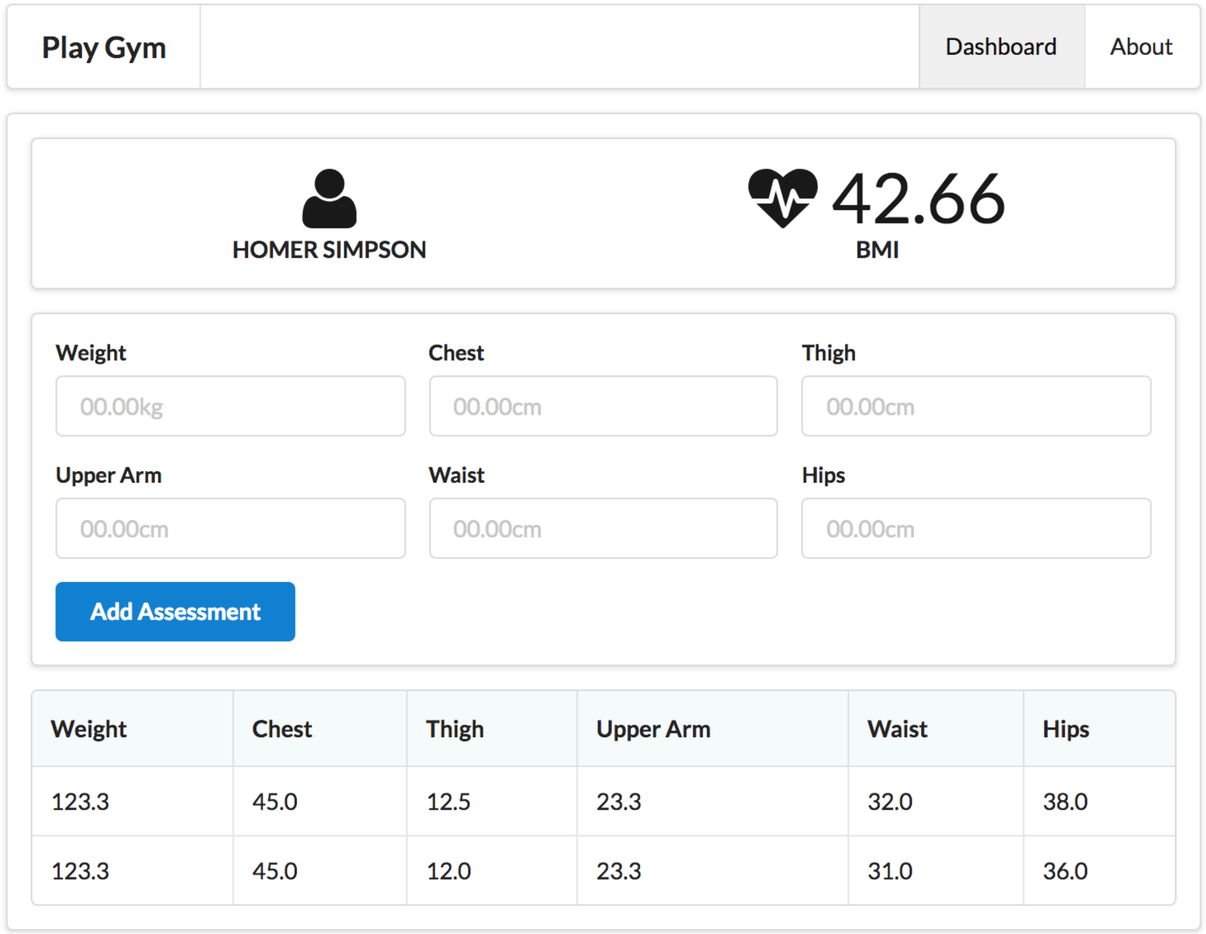




Baseline

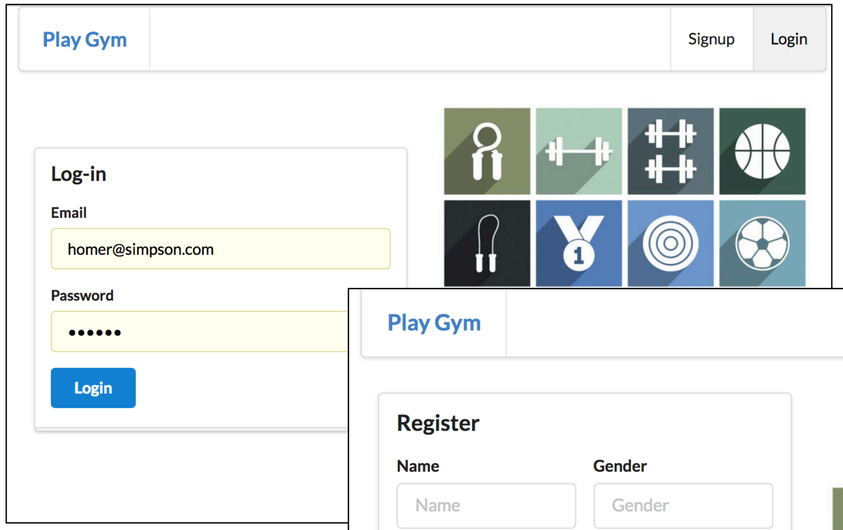
Assessment	Analytics	Member
Multiple Assessments associated with single user in yaml file. Form to add more assessments in UX	+Current BMI	Member model: name, email, password, address, gender, height, startingweight. Single member loaded from yaml file

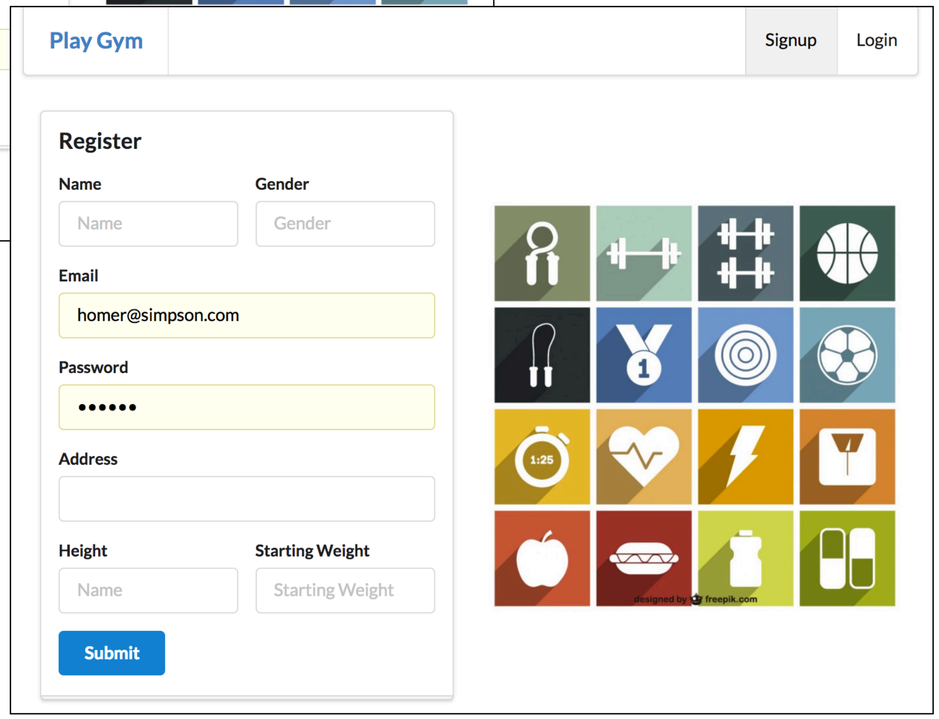


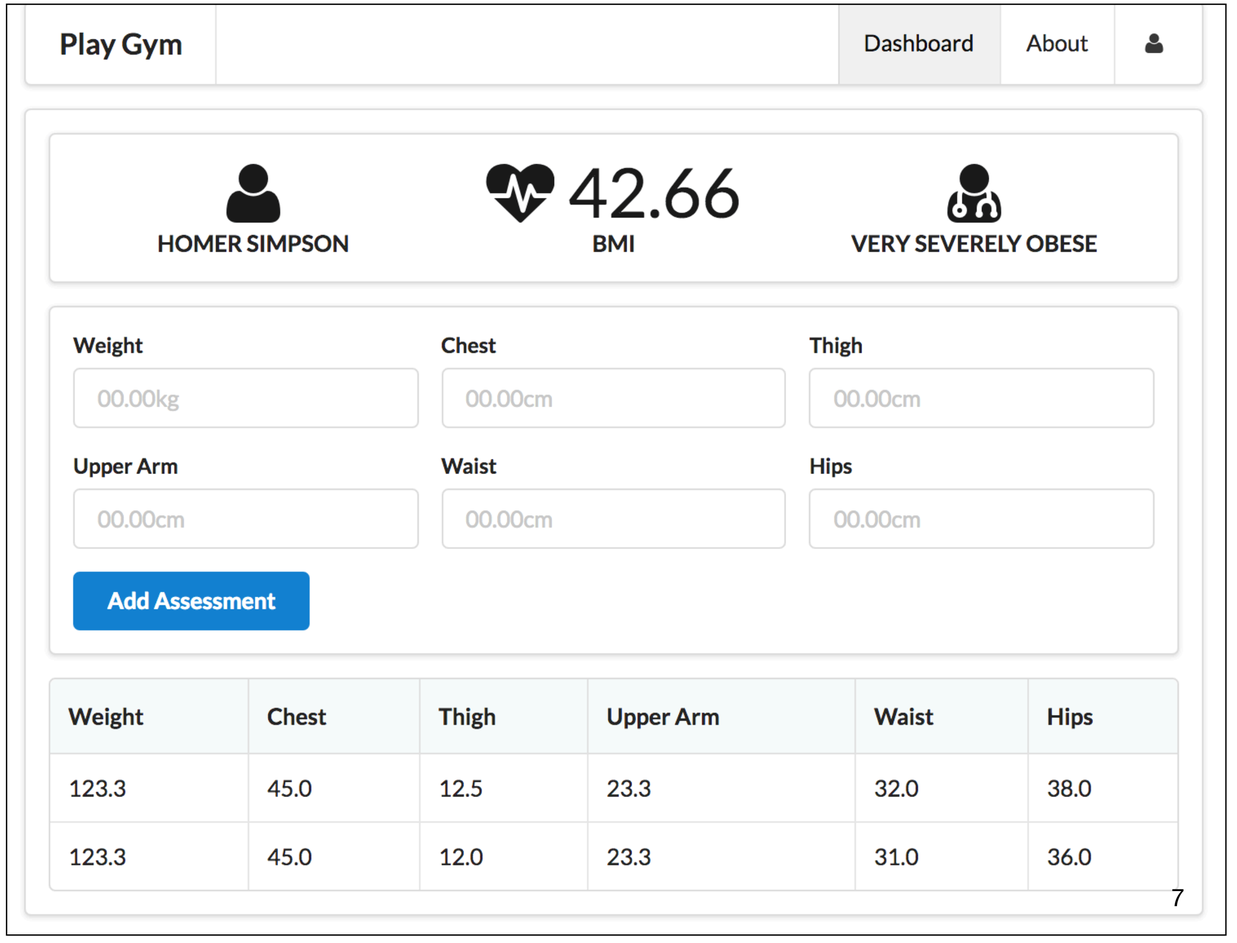


Good

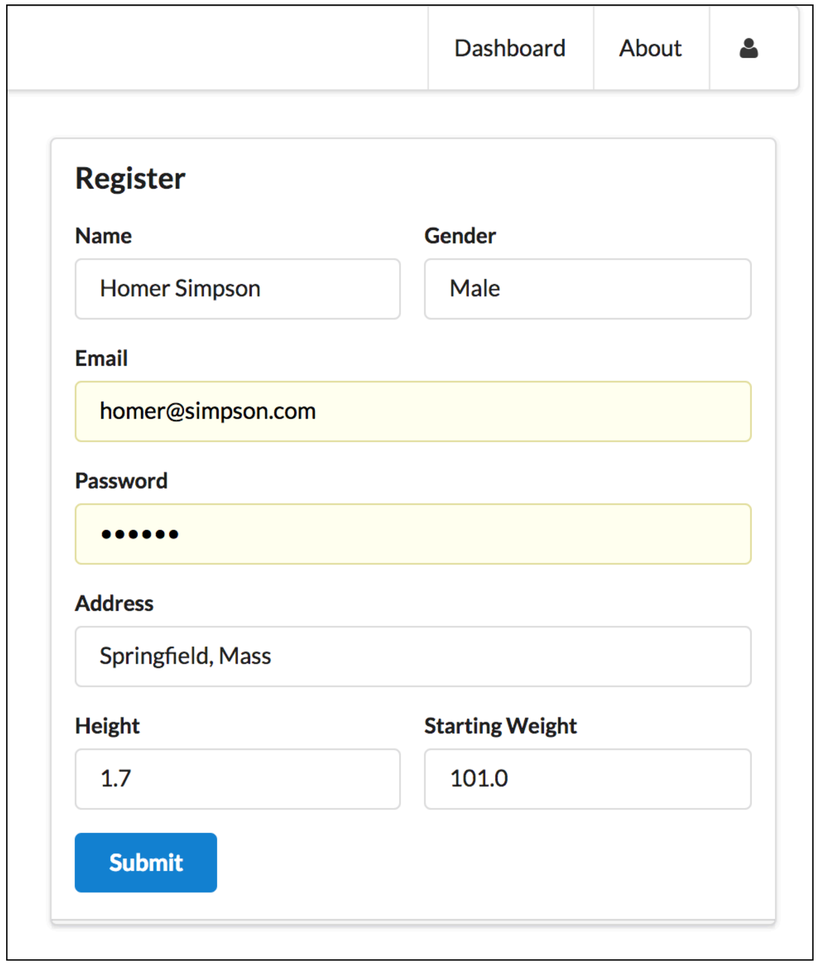
Assessment	Analytics	Member	UX Report
Dashboard shows assessments for logged in user.	+BMI Category	Signup + Login forms allowing new members to singup	Outline Report

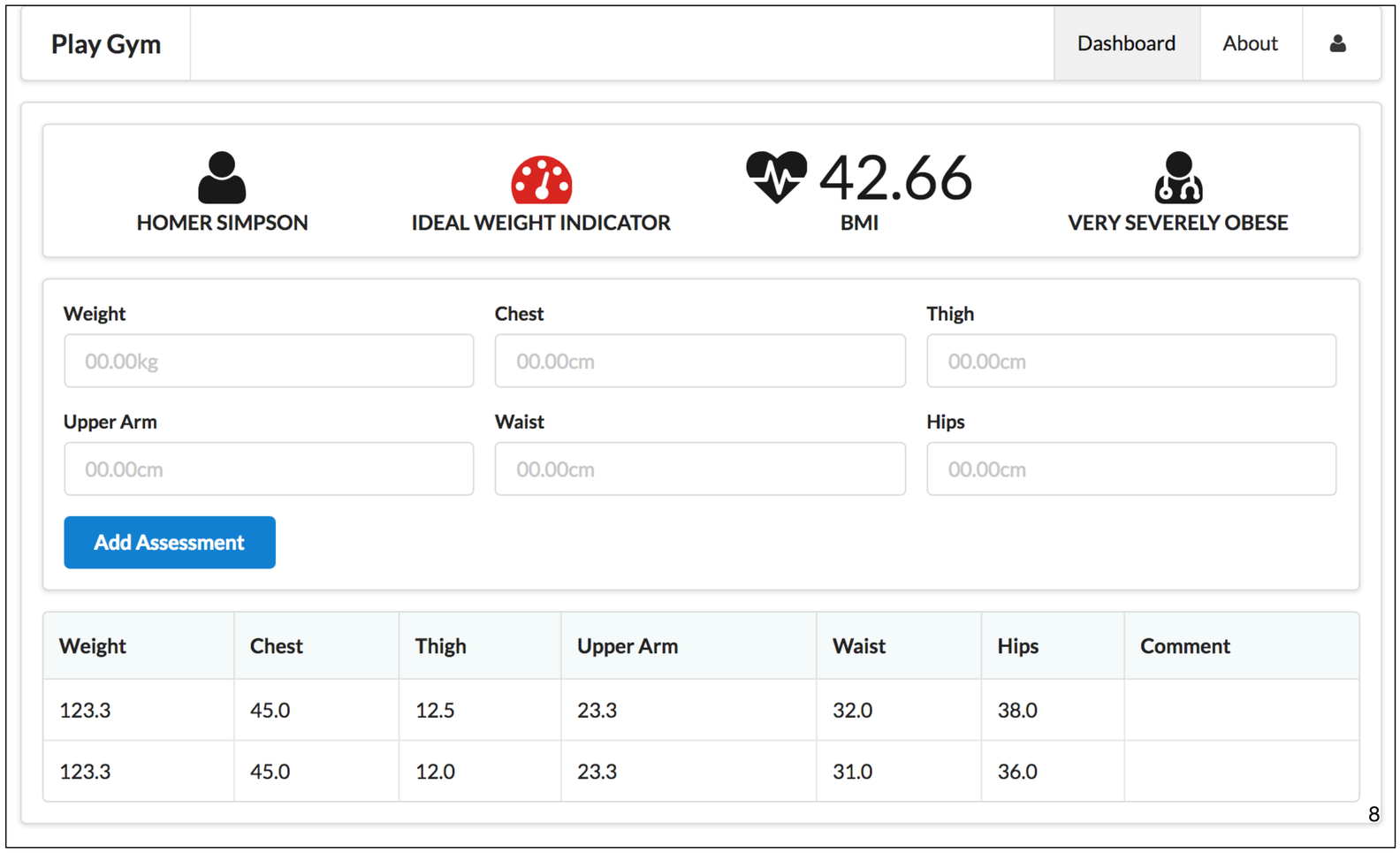




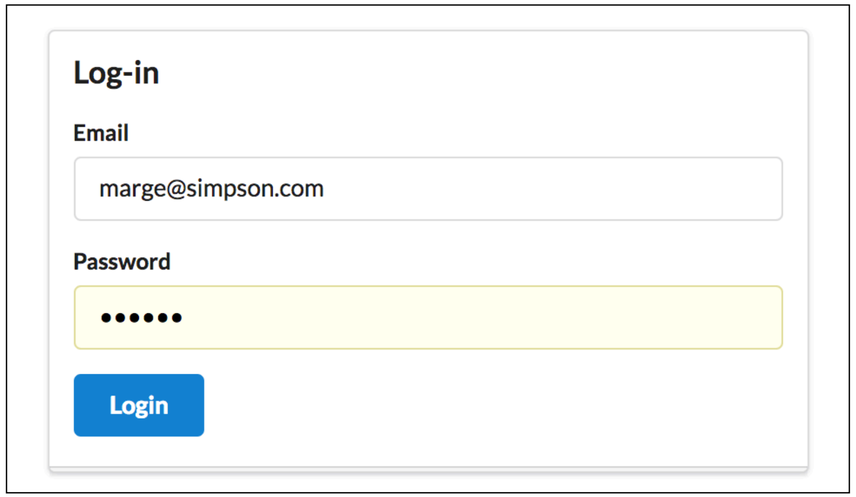


	Assessment	Analytics	Member	UX Report	Deployment	Trainer
Excellent	includes comment field	+deal Body Weight *+shared **code** with programming assignment*	Account Settings View allowing user to change details	Detailed Report	Deployed	Trainer Accounts (preloaded from yaml). Trainer logs in and can comment on any assessment.





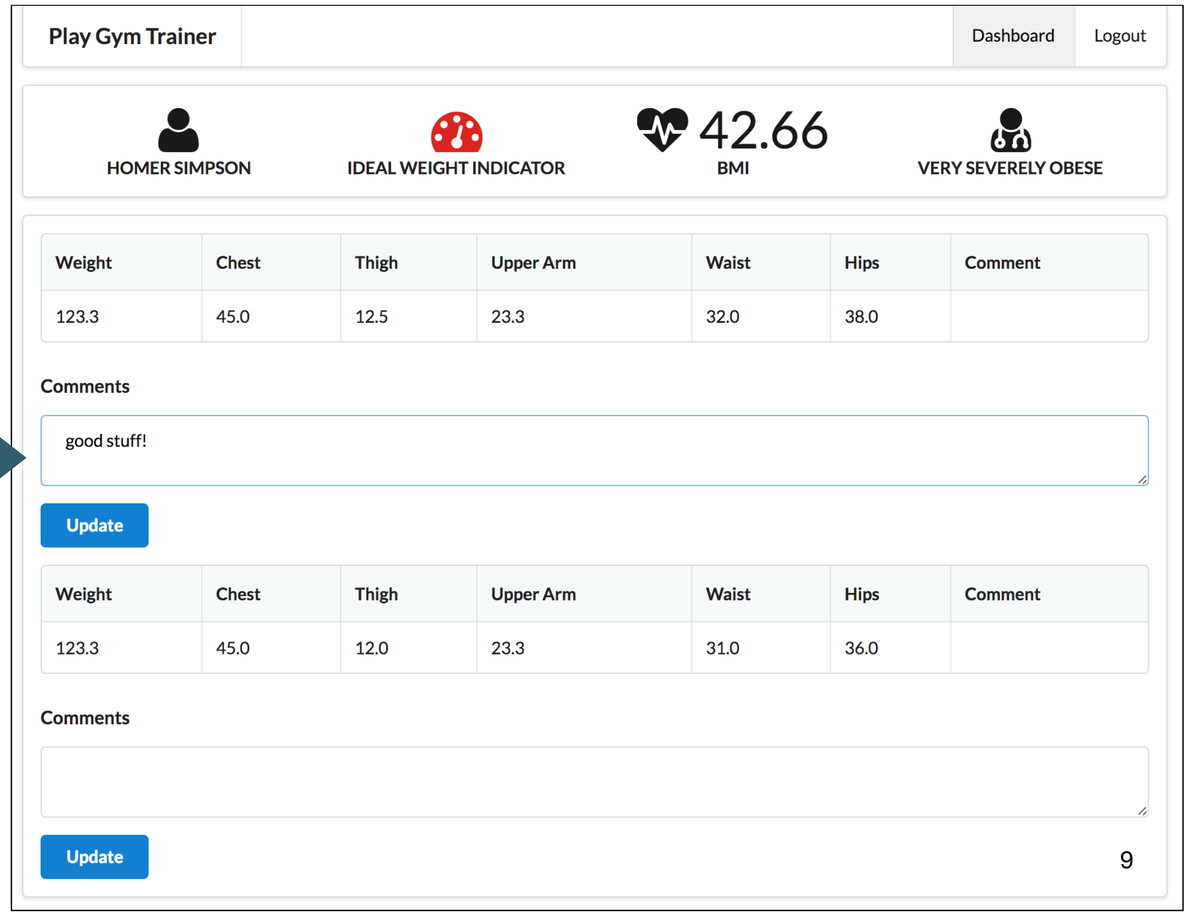
Marge is a ‘Trainer’



Marge sees List of ordinary ‘Members’

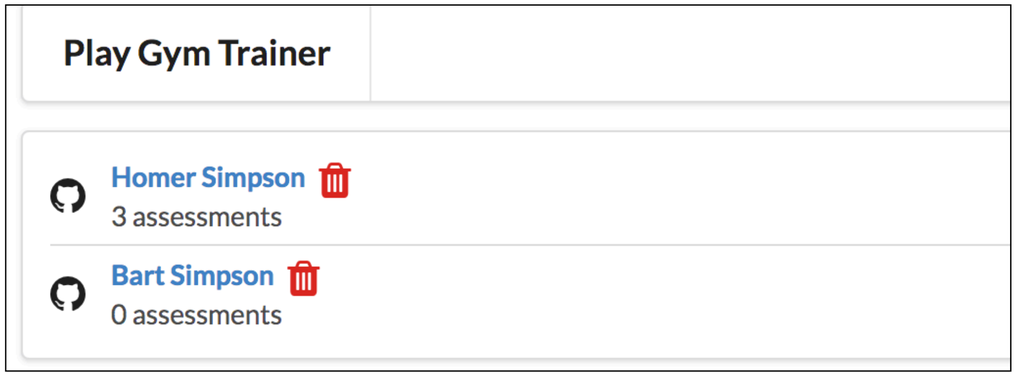
Excellent

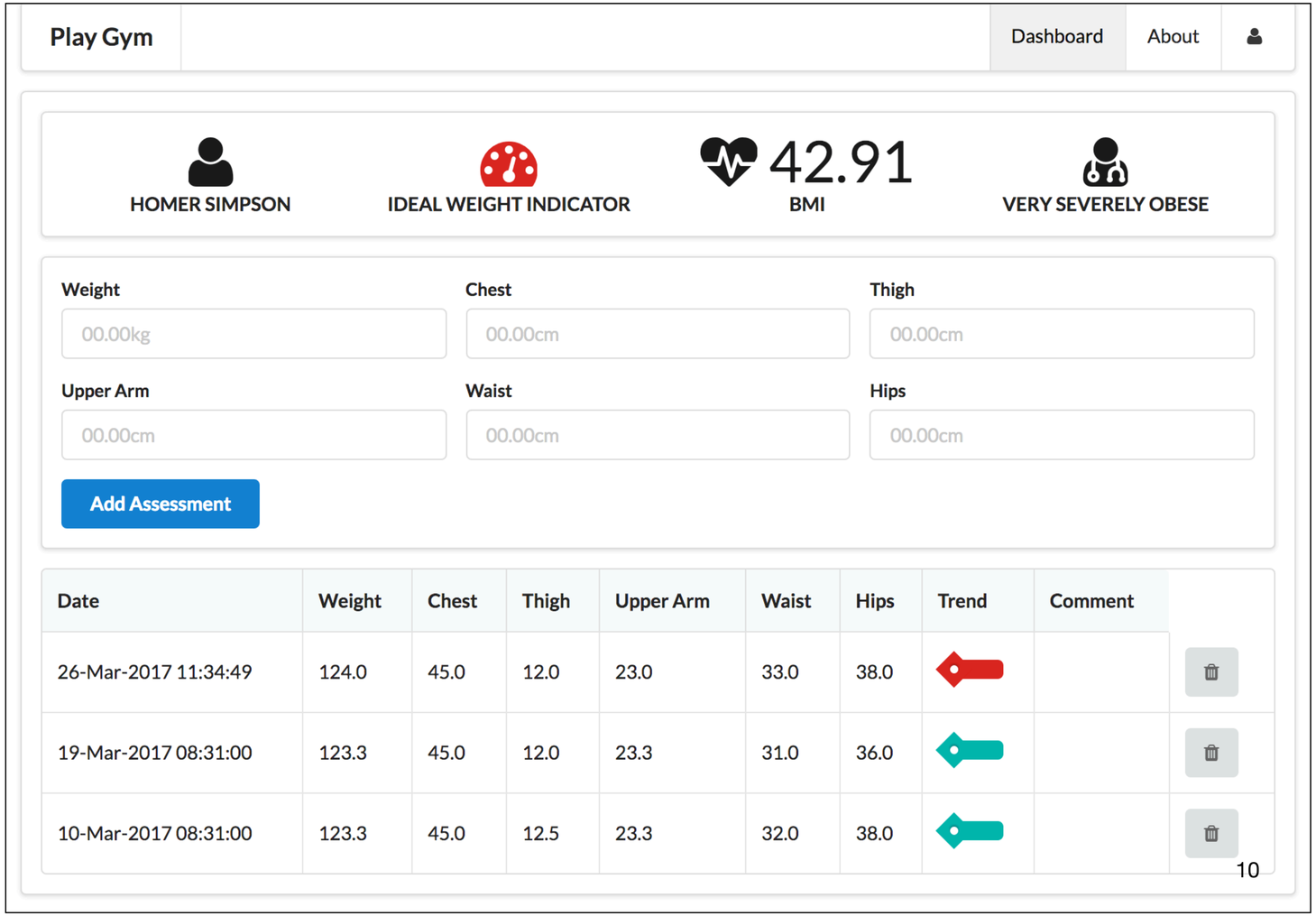
Marge can leave a comment on individual assessments



Outstanding

Assessment	Analytics	Member	UX Report	Deployment	Trainer
Date/Time for each assessment. Assessment always listed in reverse chronological order	+Trend via simple red/ green label *+shared **component** with programming assignment*	Members can delete individual assessments	Enhanced Report	Deployed + Git Repo	Trainers can delete any user





Grade Range	Assessment	Analytics	Member	UX Report	Deployment	Trainer
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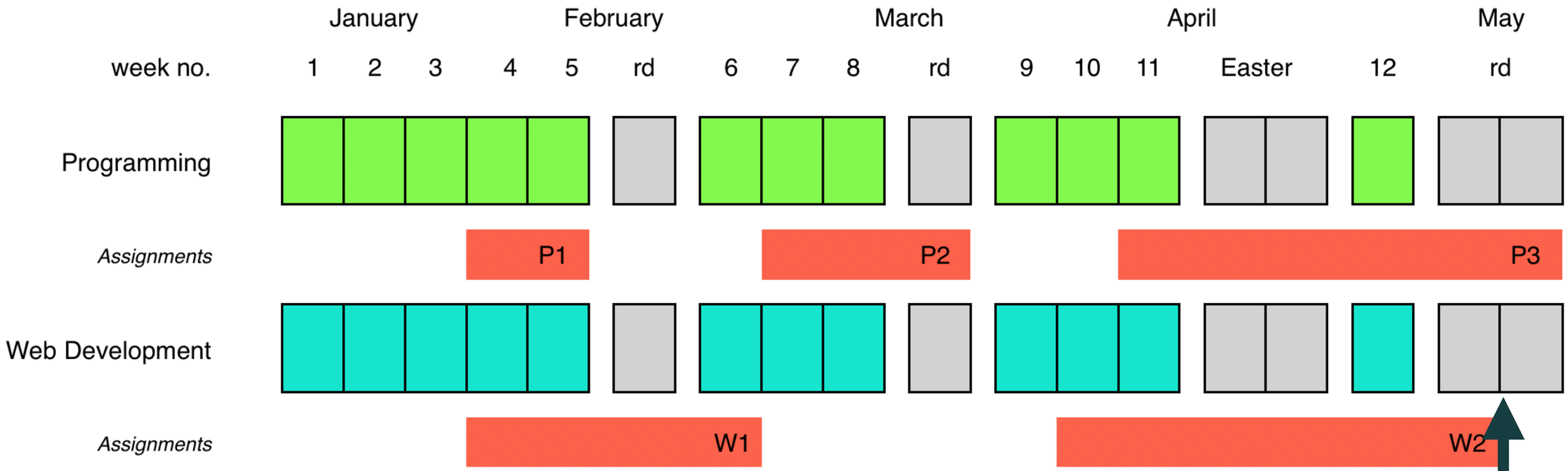
Excellent	includes comment field	+deal Body Weight +*shared* ***code*** *with programming assignment*	Account Settings View allowing user to change details	Detailed Report	Deployed	Trainer Accounts (preloaded from yaml). Trainer logs in and can comment on any assessment.
Outstanding	Date/Time for each assessment. Assessment always listed in reverse chronological order	+Trend via simple red/ green label +*shared* ***component*** *with programming assignment*	Members can delete individual assessments	Enhanced Report	Deployed + Git Repo	Trainers can delete any user

Details will be covered in separate presentations



Due Date → Sunday 4th May

Demos & Walkthrough May 5th-11th
- via 20 minute Slack call

Where to Start?

Starter

Consider adapting Todolist 1 application (Lab-09a) - refactoring the Todo model to become an Assessment

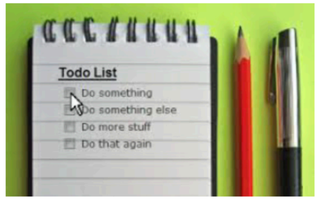
Baseline

Include Member class from Todo List 2 (Lab 10). Do not include sessions yet - but include a single member in the Yaml file, with associated assessments

Good

Review complete Todo List 2 (Lab 10).
Incorporate Sessions as implemented in that lab
Introduce several members in the Yaml file, with associated assessments

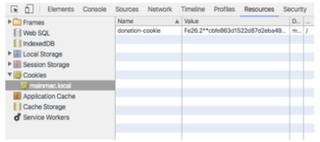
Lab-09a
Todolist-1



PLAY VIDEO

Develop a completely new application, using the techniques we have explored so far.

Lab-10
Todolist-2

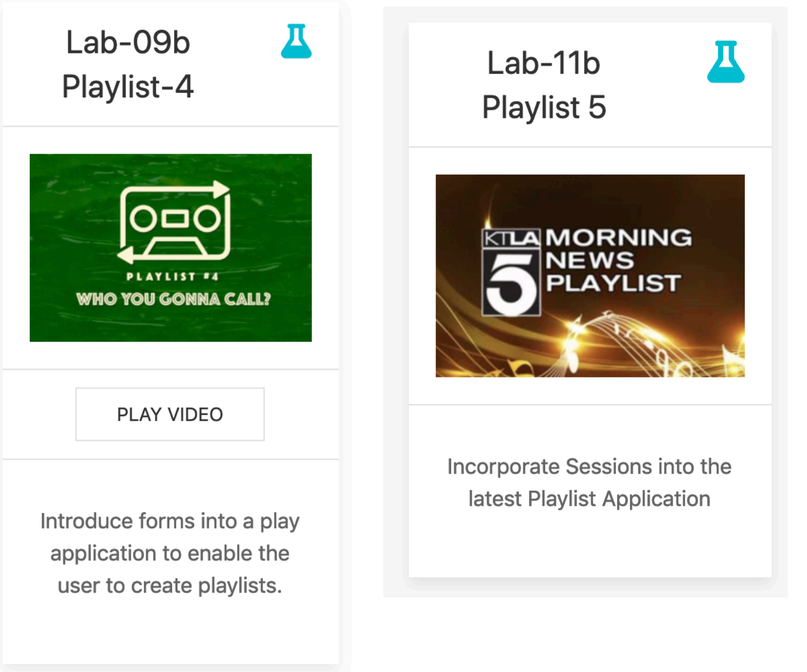


PLAY VIDEO

Incorporate sessions tracking into the todo app

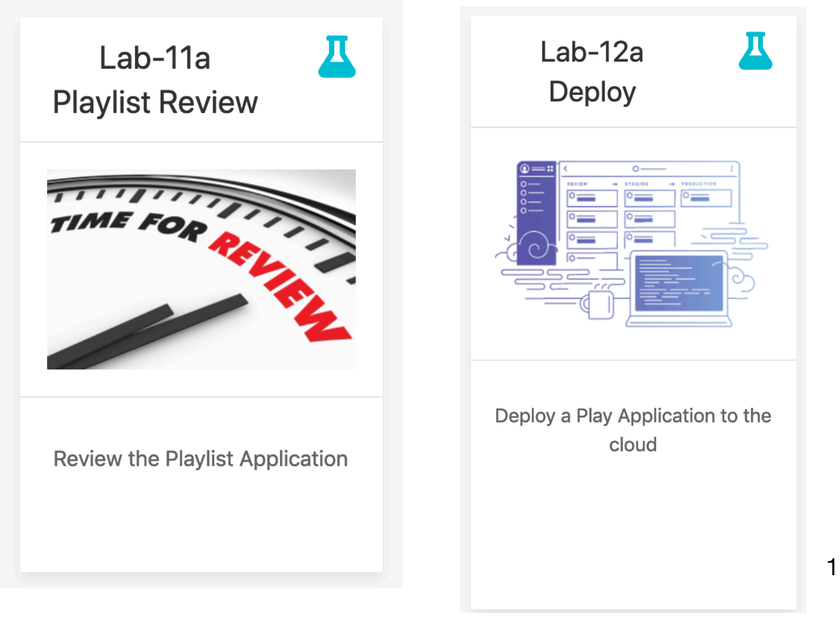
Excellent

Review complete Playlist 4 (Lab 09b).
Pay close attention to how playlists links are displayed on a page, and then those links trigger routes to open new controller/views



Outstanding

Look carefully at the Delete implementations in Playlist-5 (Lab11b)

Research Data Time classes in Java

Research sorting by date/time in Java.