**SWIMTEACH**

Web app for adults on a swimming course from a beginner level to pro.

# Requirements

1. Progress Tree:
   1. A few branches
   2. Shows skills connected to each other in a sequence
   3. A skill has 3 states: locked, trained, acquired
   4. Skills are locked until an instructor unlocks them (when skill is locked you can’t see the details)
2. Lesson History:
   1. Holds info about past lessons
   2. A lesson contains info about changing a skill status
3. Goal list:
   1. Contains collection of goals. When you achieve all of them you finish the course.
   2. Goals have two states: not achieved, achieved
   3. A progress bar?

# Endpoints

## Swimmer endpoints:

1. Progress Tree
2. /progressTree
3. /skills/skillId/details
4. Lesson History
5. /lessonHistory
6. /lesson/lessonId/details
7. Goal list
8. /goals

## Instructor endpoints:

1. Progress Tree
2. /swimmers/swimmerId/progressTree
3. /progressTree
4. /swimmers/swimmerId/skills/skillId/update
5. Lesson History
6. Goal list
7. /swimmers/swimmerId/goals/goalId/update

# Model

