

Am I Average?

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Overview



- Tools we used
- Project Overview
- Design Challenges
- Project Demonstration

Tools We Used : Project Trackers



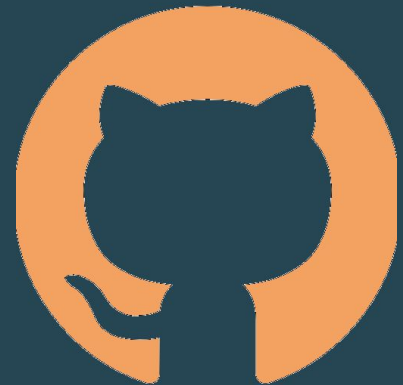
- Schedule
 - Kanban Board
 - Final Push Delegation
- 

| Legend: | task | bug | feature | spike |
|--|--|--|---------|---|
| to do | scheduled | in progress | test | done |
| Create CSS template file | make css files accessible via app rather than through local path | Pages are not scrollable when then are resized (Everything gets compressed) | | Created design for homepage |
| Create Enter Info style | add in error catch for enterinfo page if user enters in a non-numeric value or a blank value | Add in database functionality to main.py so pages can pull from the database in the python backend | | Created design for results page |
| Create Results style | | | | Created design for add info page |
| Create My Skills style | | | | Created design for MyResults page |
| | | | | Create/design tests for milestone 3 |
| Add login capability | | | | Create Unit Tests outlined in Milestone 3 |
| Add ability to create own category/skill | | | | Create shared Heroku profile for the app |
| | | | | Created basic Structure for homepage |

| Person | Tasks | Priority | |
|---------|--|----------|------|
| Jeff | Add pictures to database | high | |
| Michael | Bugs in database issues | high | |
| Jeff | Reset database to add tables | high | |
| Kevin | Troubleshoot min/max graph issues; units, levels, my score, etc. | high | |
| Emma | Fix visual issues/navigation | high | |
| Michael | Insert into table for suggest a category; and populate | high | DONE |
| Emma | Take out enter new information for this skill | high | |
| Emma | Fix enter new information if needed | low | |
| Emma | Fix refresh issue | low | |
| Emma | Take out second box in enter information page | high | |
| Jeff | Validate enter information | high | |
| Kevin | Graph: images for too low to chart and too high to chart | high | |
| Emma | Take out more skills button | high | |
| Kevin | Add fishing skill to 5th | low | |
| Emma | Re-write description of what does this mean | high | |
| Jeff | Change all rows/categories in database that are high to low | high | |
| Michael | Make invalid login message | high | DONE |
| ALL | write tests | low | |

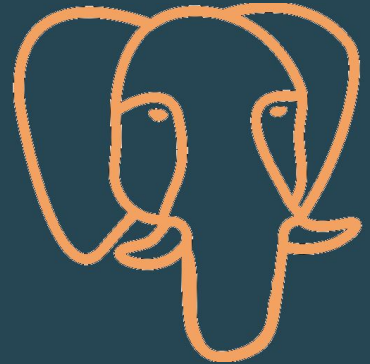
Tools We Used : Version Control

- Github



Tools We Used : Database

- Postgres




Tools We Used : Deployment Environment

- Heroku



Tools We Used : Languages and Frameworks



- Python
 - PostgreSQL
 - HTML, JavaScript, CSS
 - Flask, Matplotlib, SQLAlchemy
- 


Design Challenges



- Front-end Design
- Database Connections
- Passing Data
- Graph Generation

Design Challenges : Frontend



- 
- Initial Individual Designs
 - One vs Many CSS Template
 - Scrolling

Design Challenges : Database Connections

- Rotating Credentials
- Psycopg2 Problems
- SQLAlchemy

Design Challenges : Passing Data

- Finally Retrieved From Database
- Passing Scores from Page to Page
- Translating into Percentiles

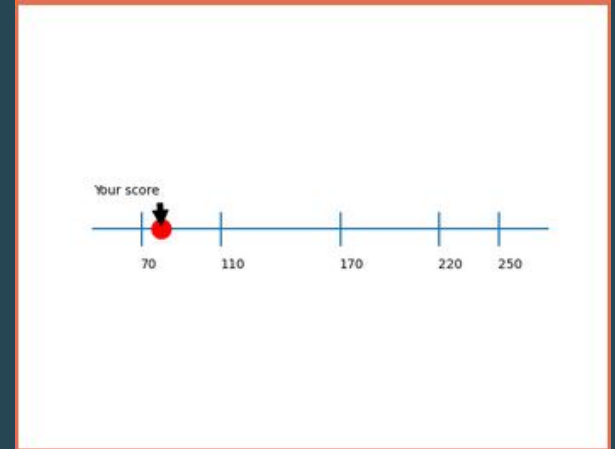
Other Challenges



- Version Control
- Meeting Times

Design Challenges: Graph

- Graph Generation
- Percentiles or Absolutes




Project Overview



- Am I Average?
- Major Features
- Documentation

Project Overview



- Database Design
 - Skills Information
 - Suggestions
 - Testing
- 

● Skills Information Table

| Id ↑ | Skill_name | Skill_verb | Skill_metric | Unit_of_measurement | Picture | Descrip | Level1 |
|------|----------------|---------------------|---------------------|---------------------|---|---------------------------------|--------|
| 1 | Fishing | catch | fish | pounds | EMPTY | Fishing is the activity of u... | 5 |
| 2 | Hot Dog Eating | eat | hot dogs in an hour | Hot Dogs | EMPTY | Hot Dog Eating is a comp... | 1 |
| 3 | IQ | perform tests for a | IQ | Points | EMPTY | Intelligence Quotient (IQ... | 85 |
| 4 | Bench Press | bench | lbs for 3 reps | Pounds | https://cdn2.picryl.com/pho... | A bench press is a compo... | 70 |
| 5 | Run a Mile | run a | minute mile | Minutes | http://cdn.mos.cms.futureecd... | Running is the activity of ... | 12 |

Project Overview : Database Design

● Suggestions Table

| Skill_name | Skill_verb | Skill_metric | Unit_of_measurement | Descrip |
|----------------|----------------|--------------|---------------------|--------------------------------|
| back squat | NULL | NULL | NULL | Back squat is an exercise m... |
| breath holding | hold my breath | minutes | minutes | How long can you hold you... |

Suggest a Category

Category Name

Verb

Metric

Unit of Measurement

Description

Project Demonstration

[Go to *Am I Average*](#)

[View the Suggestions Table](#)

The background is a solid dark blue. On the left side, there is a large teal rectangle. Below it, there is a red shape that extends horizontally to the right. In the center, there is a horizontal bar composed of three segments: a teal segment, an orange segment, and a red segment. On the right side, there is a red shape that extends horizontally to the left, and below it, there is an orange rectangle.

Thank you!

AM I AVERAGE

Find out how you stack up against the average Joe

Featured Skills

IQ

Bench Press

Hot Dog Eating

Weekly Miles

Fishing

Want to suggest a new skill?

Create a Skill

Login

AM I AVERAGE

Find out how you stack up against the average Joe

Bench Press

Enter your score to find out how average you are!

I can bench

lbs for 3 reps

Am I Average?



A bench press is a compound a bodybuilding and weightlifting exercise in which a lifter lies on a bench with the feet on the floor and raises a weight with both arms.

Login

Home

Results for Bench Press

Below Average

The score you entered is: 100

Interpretation

Compared to other respondents, you are in approximately the 22th percentile. This means that out of a group of 100, 78% of people score above you and 22% of people score below you.

Beginner: 70

Novice: 110

Average: 170

Very Good: 220

Excellent: 250

Performance Graph



Login

Home

Suggest a Skill

Skill Name

Verb

Metric

Unit of Measurement

Description

Submit Category

Login

Home

AM I AVERAGE

Find out how you stack up against the average Joe

[Home](#)

Login to view your skills

Username:

Password:

Login

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Thank you!