

Programming Challenges

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Problem

To prepare a programming student for the life after graduation

Objective

To create a website that contains programming challenges of different levels and different areas

Related Work

Many other similar websites were created for basic educational purposes

Design

User being able to create an account.

User being able to log into their account at any time after account creation.

After logging in, user is able to see the challenges of their choice.

User being able to choose the challenges of their programming skill level.

User being able to write notes that are saved into his account.

User being able to upload their own files of the specific type that are saved into his account.

User being able to contact the website developers through the website.

Tasks

1. Get team up to speed on CSS, and Javascript 9/15 – 9/21
2. Get Familiar with Python, 9/22 – 9/23
3. Create test websites 9/24 – 10/11
4. Component work 10/12 – 11/3
5. Combine components for the project 11/4 – 11/14
6. Bug Testing 11/15 – 11/30
7. Final report 12/1 – 12/7

Key personnel

Jozef Dusenka – senior, major in Computer Science at the University of Arkansas

Mark Alexraj – senior, major in Computer Science at the University of Arkansas

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Technology

-software:

- heroku
- mailtrap

-language:

- frontend: HTML, CSS, Javascript
- backend: Python with Flask
- database: SQLAlchemy

Login

Email Address

Password

Login

Sign Up

Email Address

First Name

Password

Password (Confirm)

[Submit](#)

Note added! x

JavaScript Projects

Contact Us

Project Ideas

- [JavaScript Photo Details Display](#)
- [JavaScript Weather App](#)
- [Build an Interactive Landing Page](#)

Notes

- Note #1 x
 - Note#2 x
-

Add Note

Choose File No file chosen

upload

Demo

<https://khajoor-capstone-project.herokuapp.com/login?next=%2F>

Thank you
