אוניברסיטת
אריאל
בשומרון

AlgorithMe

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Github link: https://github.com/AyalaBouhnik/Final-Project-AlgorithMe

Project Description-

Intended for computer science students who want to practice algorithm problems, this is a networking web site that allows students to study, test themselves and track their progress. Our product allows lecturers to monitor students' grades and progress.

Project Goals-

- To enable the student to study algorithms in an efficient way.
- To allow the student to observe test cases and learn from them
- To provide feedback to the student on his code (complexity, accuracy etc.).
- To allow the lecturer to monitor the student's progress.

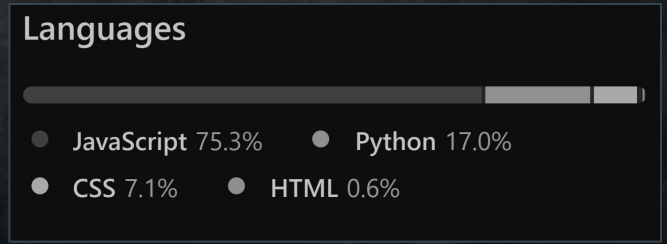
Project Benefits-

Projected benefits for the lecturer – the lecturer receives the student's score when the student submits a solution.

Projected benefits for the consumer - the student receives feedback when he submits a solution to the programming algorithm.

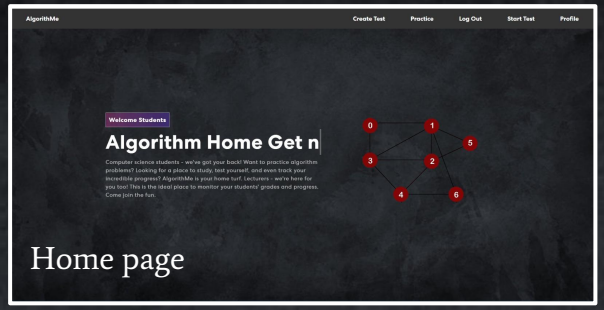
Programs We Used to Write the Website-

- React - to create the website
- REST API NODEJS - for backend FIreBase for Auth
- REST API
- NODEJS
- FireBase
- Python- Algorithms implimplimintations and tests

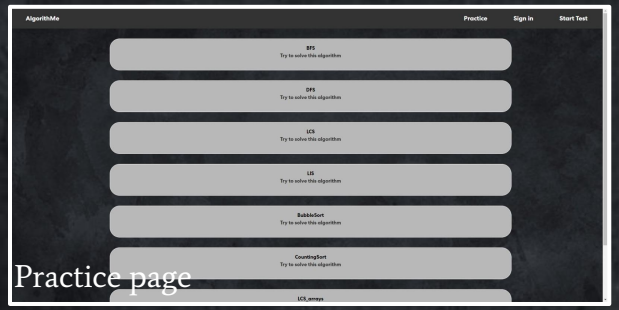


So.. what does the site actually look like?

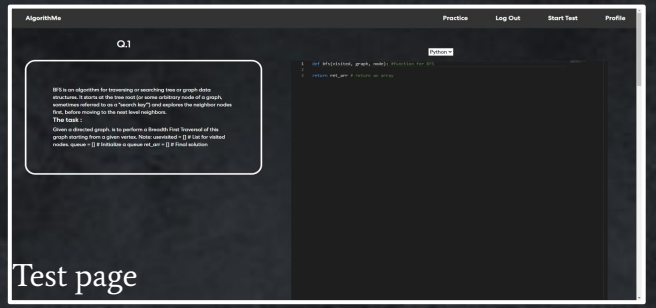
Hierarchy of Main Web Pages:



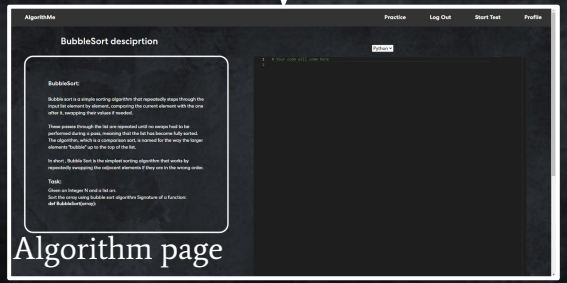
Home page



Practice page



Test page



Algorithm page