Website Building: Collaboration & Coexistence

Hackathon

Full Stack – Scraper + React + NodeJS + DB

The following exercise contains the following subjects:

Everything we learned.

Self-learning new topics.

The assignment

We are going to build a website where you'll explore

and implement ways of coexistence between different cultures

in Israel

Things to think about

• Team leader.

• Collaboration.

• Source Control.

• Infrastructure.

• High-level sketch, schedule, and design.

• Micro teams and micro assignments.

Starting the work

• Document every decision of your team

• Assign responsibilities to team leader and micro teams

• Convince your teammates to create your idea.

• Create a website where you can input a link.

• Use a scraper to scrape the page for your desired data.

• Store the object (think about where and how).

More things to think about

• Webserver + Storage

• Infrastructure \ Git CI/CD \ automated testing [optional]

• Think of scalability, Availability, Globality, Performance, Security

Finishing the work

• Install the website on the AWS instance with CI/CD in mind so every commit will be automatically installed (Optional).