**ACM 412 Project Description Spring 2023**

**Group No:** 1

**Group Members:** Eren Burulday

**Responsibilities of Each Group Member:** Since I’m the only member in the group I’m responsible for building Frontend, Backend and making the Deployment.

**Project Description:** It’s a social media platform where people are able to post some thoughts about anything with a related caption, and other people are able to upvote, downvote, and make another comment under the original comment. We can say it’s a replica of ***eksisozluk.com***. The project is built using Django on the backend and React on the frontend.

**Project Repository:** github.com/BooRuleDie/ACM412Project

**Modules:**

* **Authentication:** Users are able to login to or sign up for an account. For creating a comment, upvoting and downvoting they are required to be created an account and signed in.
* **Profile:** Users get a profile after creating an account. They can upload a profile picture or write a summary for their account. When other users view an account they will see which comments are made by the viewed account.
* **Content:** Users are able to create comments with a related caption. Other users can upvote, downvote or make another comment under the original comment.
* **Follow System and Notification:** Users are able to follow other accounts and they are notified when the followed accounts make a new comment.
* **Search:** Users are able to search for particular captions.
* **Security:** In order to handle the session, cookies are used but any type of CSRF attack can’t be performed thanks to csrf tag that is provided to us from the Django Template Engine. In APIs, JWT is used so CSRF attack can’t be performed here as well. Also all characters that can trigger XSS like *(&, <, >, ‘, “ …)* are HTML encoded to prevent XSS.