

# Design of a Website to Help Programming Students - Programming Challenges

Mark Alexraj, Jozef Dusenka, Rafael Valadez Alvarado

## Introduction

Programming Challenges is a website that provides a solution for the programming student to access centralized place for programming challenges of different levels.

## Purpose

The objective of this project was to create a website that accommodates programming challenges of different levels that helps students polish their skills in specific areas of programming that they would want to further pursue.

## References

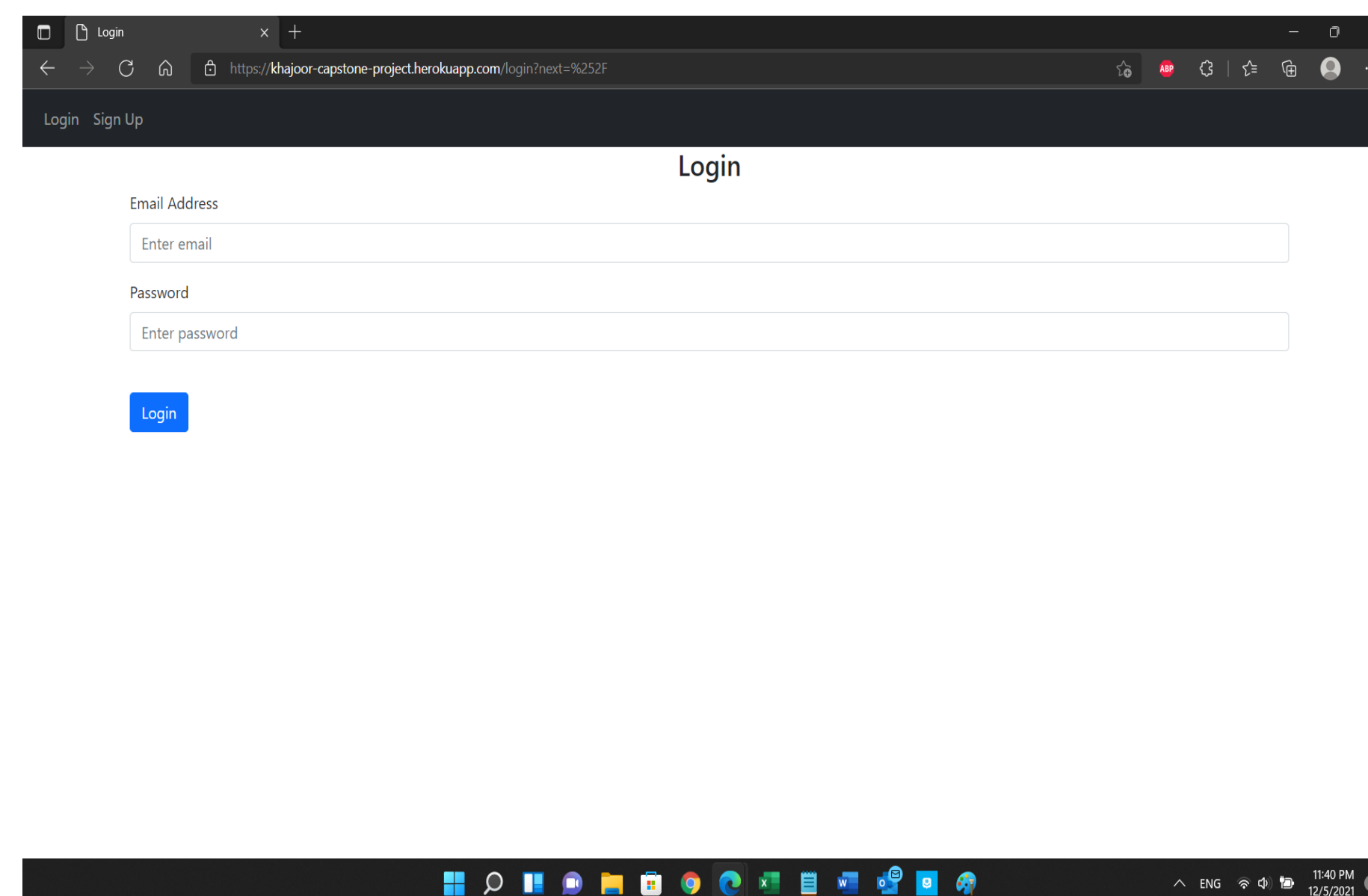
[https://www.youtube.com/watch?v=dam0GPOAvVI&t=19s&ab\\_channel=TechWitchTim](https://www.youtube.com/watch?v=dam0GPOAvVI&t=19s&ab_channel=TechWitchTim)

[https://www.youtube.com/watch?v=w25ea\\_l89iM&t=2258&ab\\_channel=TraversyMedia](https://www.youtube.com/watch?v=w25ea_l89iM&t=2258&ab_channel=TraversyMedia)

[Login \(khajoor-capstone-project.herokuapp.com\)](https://login(khajoor-capstone-project.herokuapp.com))

## Methods

We decided to use the Heroku cloud platform to deploy our website instead of the previously planned UARK Turing system due to the fact that the Turing system was not able to compile and run our back-end python files.



## Results

Website that allows user to create their personal account. Able to contact developers with further recommendations. Access to content that will help user create their code.

## Conclusion

The goal of the Programming Challenges team was to create a website that would help students and other individuals develop their coding skills. After discussions, this website can be improved in several ways. Right now, it only accepts JavaScript files but has the capability to handle other types of files like java and python with the right fixes. There are other things that we will be able to add in the future to this website.