GROUP PROJECT REPORT
UNIFY – UNIVERSITY EVENTS WEBSITE
COP 4710 – Database Systems – Spring 2022
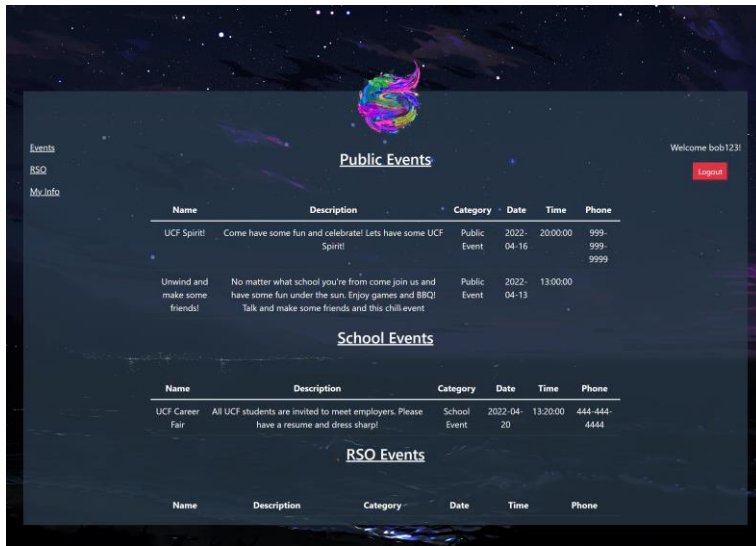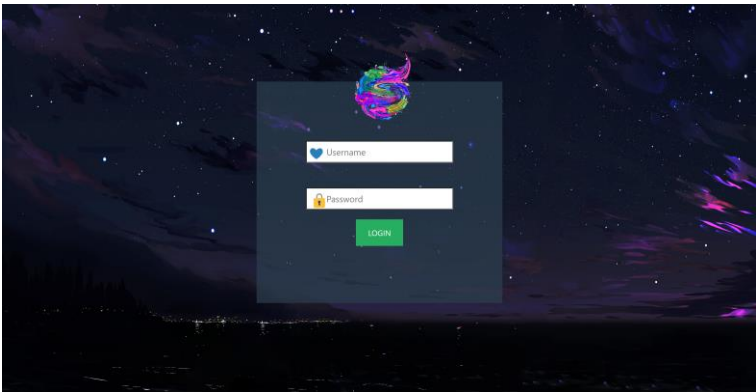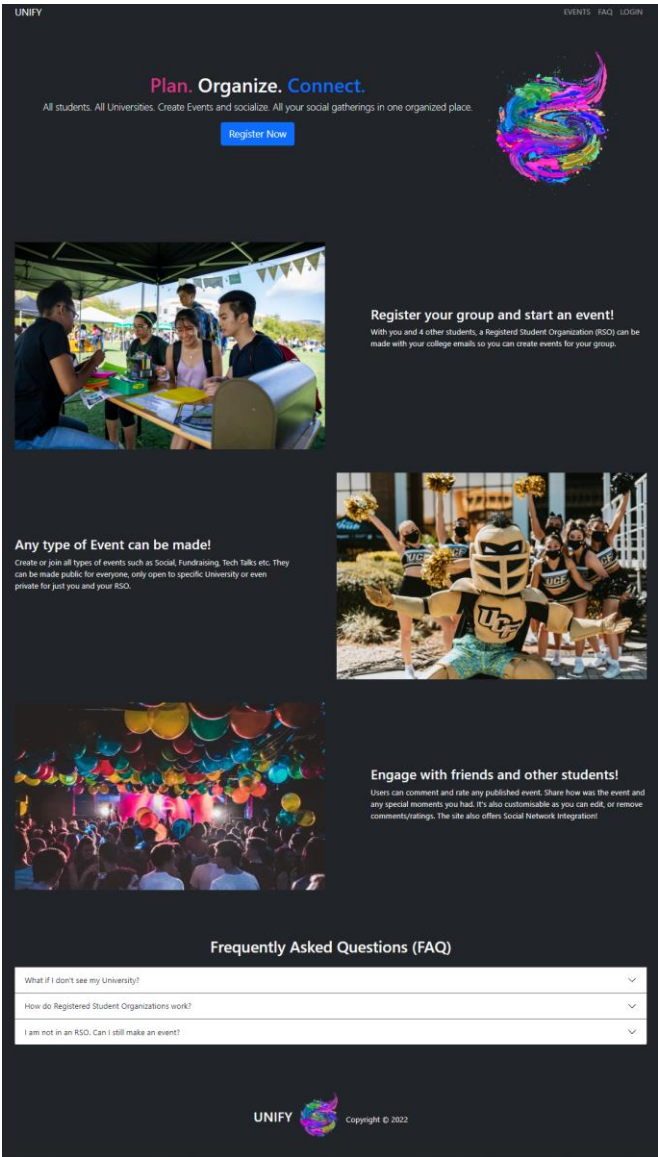Group Member(s): Ishmael Garcia (3526912)

Project Description:

This is an Database Event Management Website for Users to manage Events across multiple schools and/or users. Fixes organization issues such as bringing multiple schools together rather than having their own sites. All kinds of events are now included. Events can have dates to be easier to track. Has a very clean friendly UI to be easily navigated. Instructions on the homepage make the site very easy to use and understandable. There are student users that can access the site and see different types of events. Does not make it messy by showing private events that are not accessible to that student. Only events that are relevant to the user are shown.
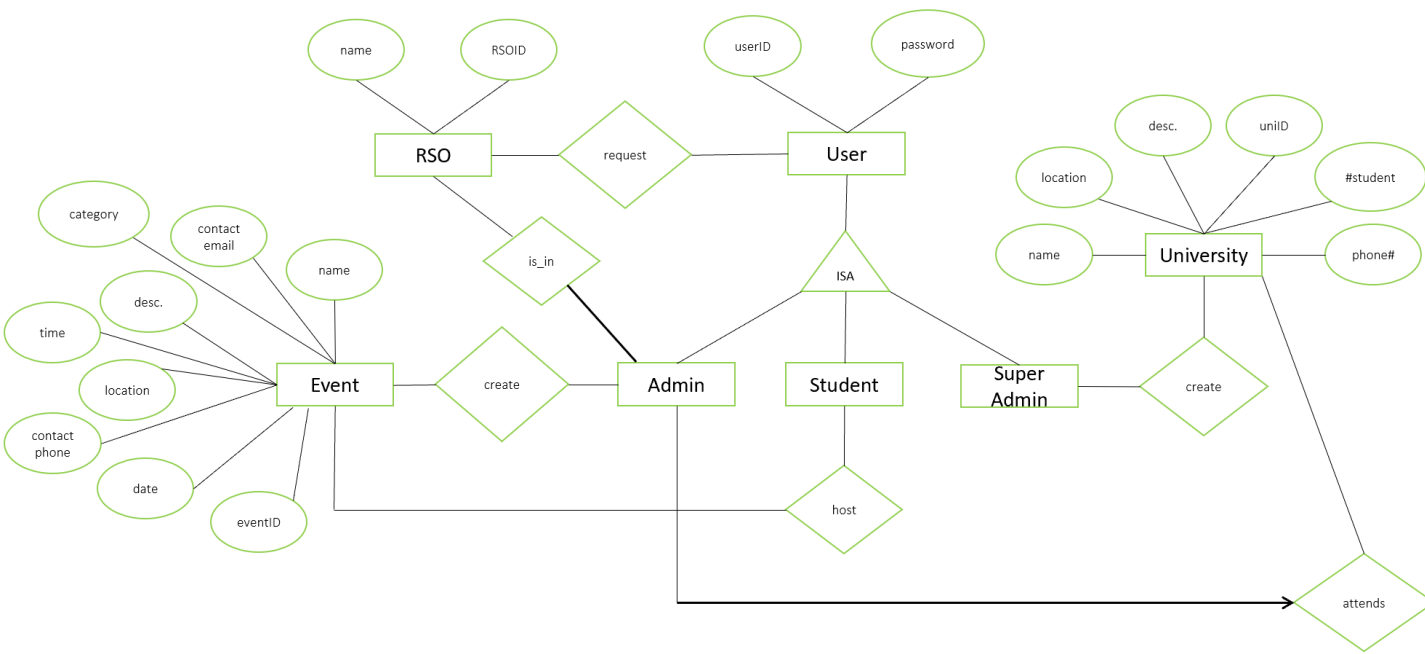
GUI:

This online website was created in Atom editor. HTML, PHP, SQL and CSS were used in order to build this project. Bootstrap was also used for quality of life purposes to make it a bit easier when creating a clean UI. The project was hosted using the WAMP server and PHPMYADMIN for the database.

Some Screenshot Examples:

ER-DIAGRAM:

Some constraints that are not demonstrated below are university categories being hidden from student users that are not in that school. To fix this students and only school events are given a university ID to be identified. This also goes for RSO events for RSO groups.

Sample Data:

There was plenty of sample data submitted to make sure multiple functionalities were working. For Events, Schools, Users etc. Pictures of the database filled with sample data is shown below

About the Project:

Most of the functionalites are displayed in the demo video provided below. Throughout the project some things did not go as expected when trying to grab information from the database to be displayed. The biggest failure would be the incompletion of the project as it shows a lot of potential but it is unfinished. Otherwise this site is very responsive and clean. There are not failures as long as it is used as expected. This project will need more time to fix error checks for unintended failures.

There are a lot of features to be desired such as a star rating system and a comment system that can be socialized for others to see.

This project taught me a lot as I have never don't backend or worked with databases but once I crash coursed PHP and SQL there is so much more to working with databases. Mastering SQL in order to efficiently manipulate data is a skill that is mastered over a long period of time. Especially when every project or even every page is different when accessing data.