

GROUP PROJECT REPORT

UNIFY – UNIVERSITY EVENTS WEBSITE

COP 4710 – Database Systems – Spring 2022

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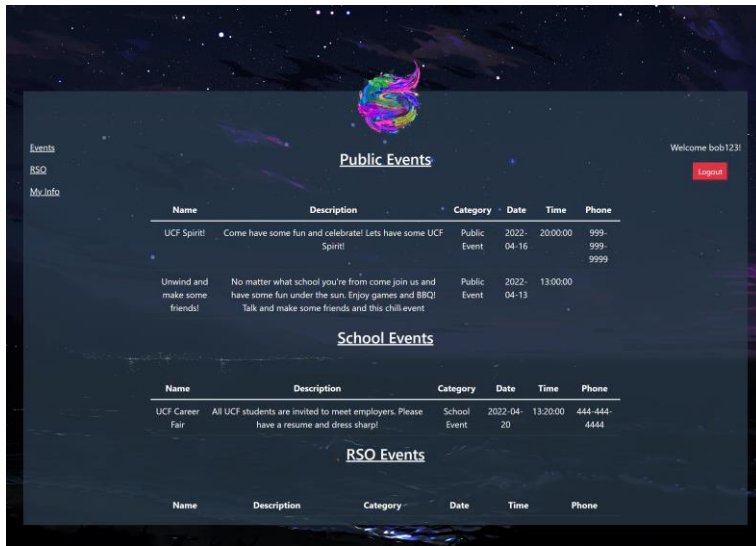
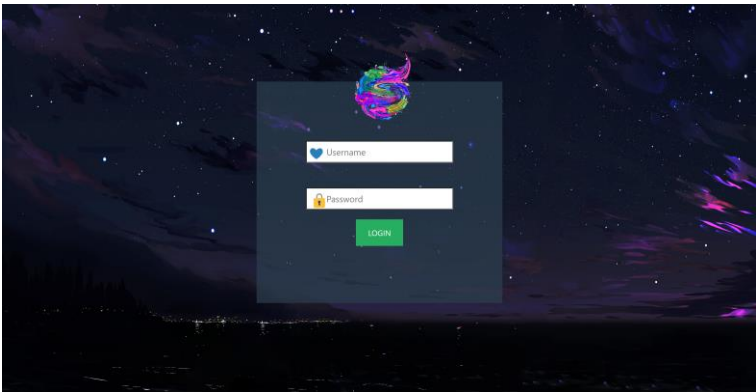
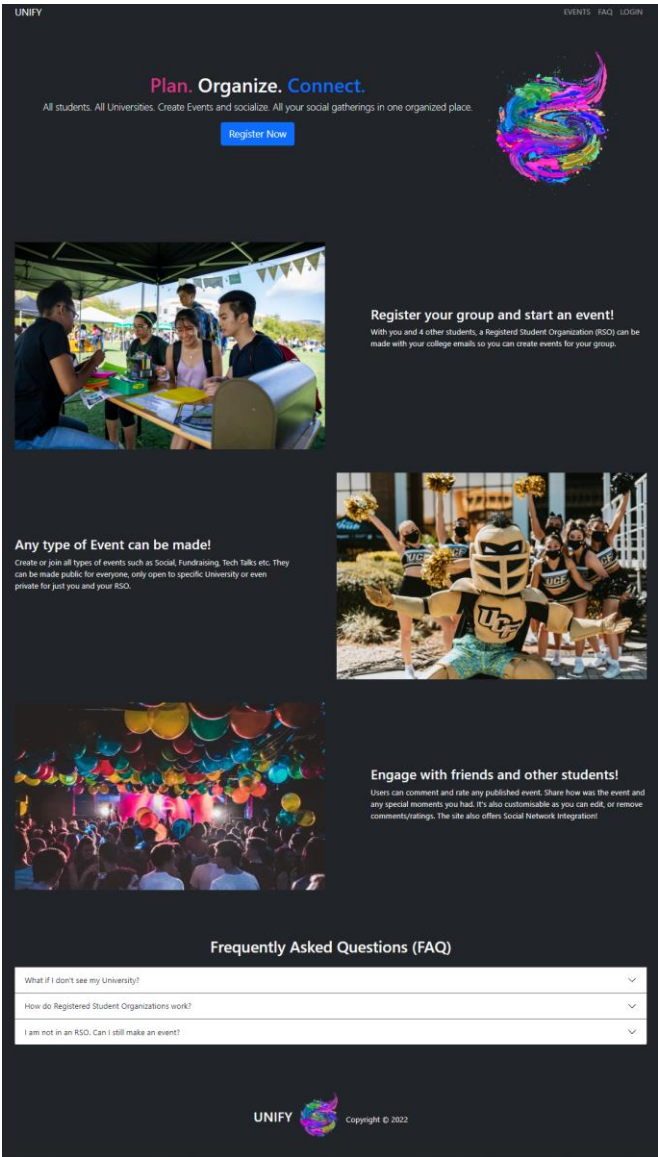
Project Description:

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:

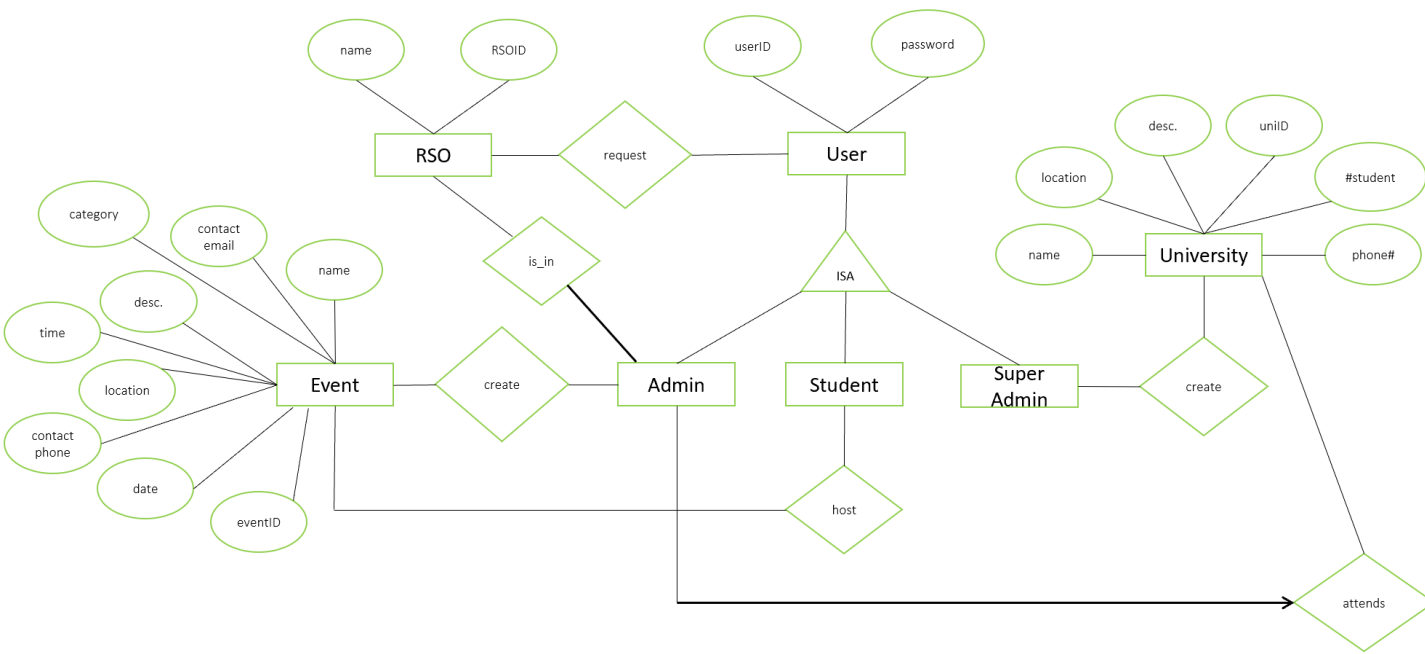
This online website was created in Atom editor. HTML, PHP, SQL and CSS were used in order to build this project. Bootstrap was also used for quality of life purposes to make it a bit easier when creating a clean UI. The project was hosted using the WAMP server and PHPMYADMIN for the database.

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

	userID	password	email	name	uname	uid
<input type="checkbox"/>	1	password123	bob@knights.ucf.edu	bob	bob123	3954
<input type="checkbox"/>	3	pass123	i.garcia@knights.ucf.edu	Ishmael	Nerv	3954
<input type="checkbox"/>	4	j123	j.p@um.edu	jack	jdawg	2325
<input type="checkbox"/>	5	pass1123	eric@fsu.edu	eric	eric123	1489

☐ Check all With selected: Edit Copy Delete Export

	uniID	name	description	studentpop	phone
<input type="checkbox"/>	1489	Florida State University	One of the nation's elite research universities, F...	33000	850-644-6200
<input type="checkbox"/>	1520	Seminole State College	Seminole State College of Florida is a full-serv...	18000	407-708-4722
<input type="checkbox"/>	1535	University of Florida	One of America's all-around best universities, the...	34000	352-392-3261
<input type="checkbox"/>	2325	University of Miami	A private research university with more than 17,00...	17000	305-284-2211
<input type="checkbox"/>	3954	University of Central Florida	With more than 220 degree programs in 13 colleges...	70000	407-823-2000

	name	cemail	category	description	time	phone	date	eventID
<input type="checkbox"/>	UCF Spirit!	spiritevent@gmail.com	Public Event	Come have some fun and celebrate! Lets have some U...	20:00:00	999-999-9999	2022-04-16	1
<input type="checkbox"/>	The FSU Experience	fsuexperience@yahoo.com	School Event	All FSU students are invited to this wonderful eve...	14:00:00	222-222-2222	2022-04-27	2
<input type="checkbox"/>	Chess Club	luvchess@gmail.com	RSO Event	We are proud nerds and love playing chess. Lets al...	17:30:00	111-111-1111	2022-04-19	3
<input type="checkbox"/>	Swim Team Practice	miamiswimteam@gmail.com	RSO Event	Makes to bring your swim gear and ready for drills...	12:15:00	655-655-6555	2022-04-18	4
<input type="checkbox"/>	Tech Talk at University of Miami	tesia@gmail.com	School Event	All UM students are welcome to attend this tech ta...	14:20:00	333-333-3333	2022-04-29	5
<input type="checkbox"/>	Unwind and make some friends!	NULL	Public Event	No matter what school you're from come join us and...	13:00:00	NULL	2022-04-13	6
<input type="checkbox"/>	UCF Career Fair	ucfcareers@ucf.edu	School Event	All UCF students are invited to meet employers. PL...	13:20:00	444-444-4444	2022-04-20	7

About the Project:

Most of the functionalities 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 incompleteness 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 done 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.