

Event Management Viewer

Team Shrug

CPSC 332

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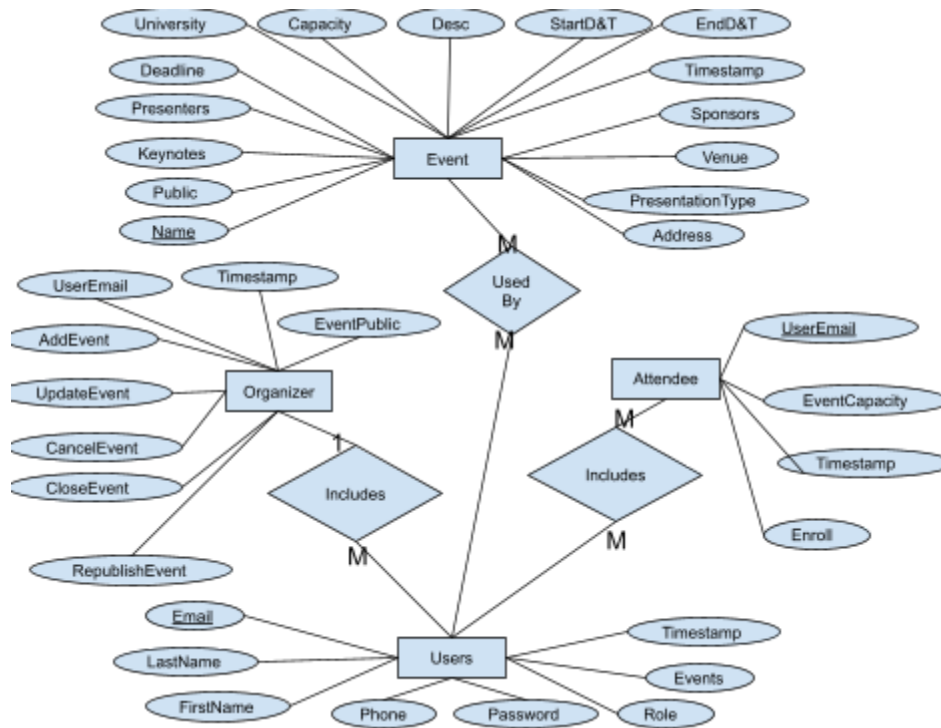
Introduction-

This is our final project for the database application that is an event viewer and lets you manage users and administrators in the application. While the webdesign is rudimentary we made a working functional database that makes calls to the server that can be hosted locally or remotely if deployed.

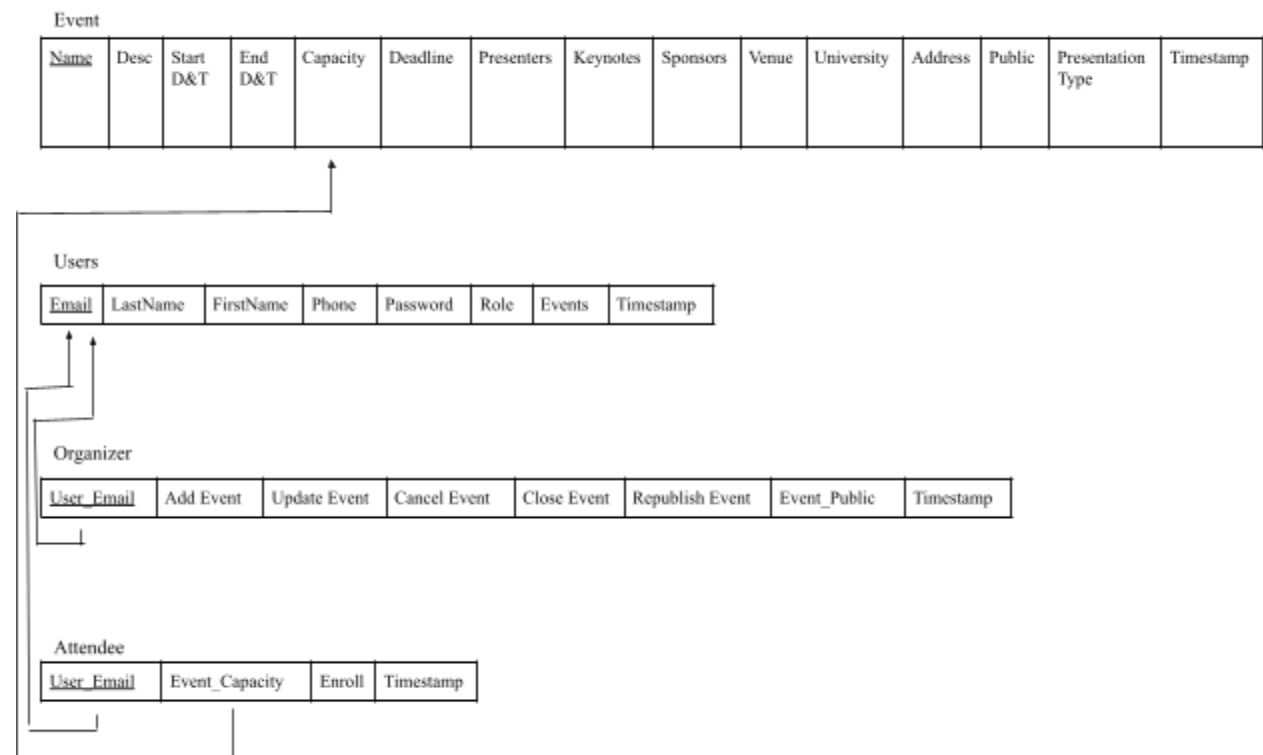
Database Design Process- Database was designed with 3nf organization in mind from the start making a database that is multiple tables rather than one large clumped table. These tables all manage separate functions such as users, address, admin, events, and attendees.

Requirements- AEM required us to create a database and web application for online event management. The database stores all the information for events, types of events, users, presenters, keynote speakers, and sponsors.

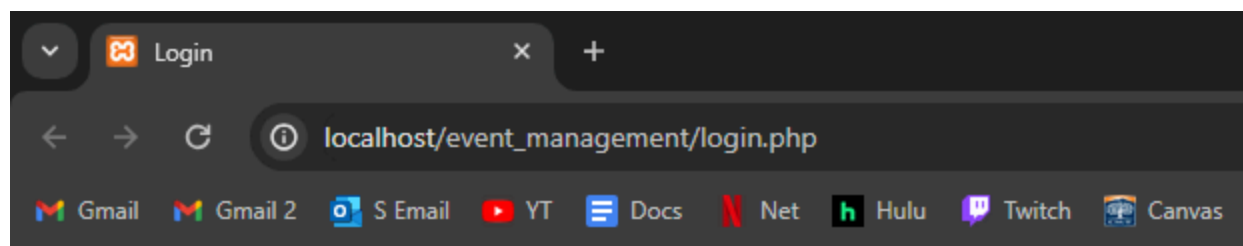
ER Diagram- Our first step in creating the Event Management Viewer was to create an ER Diagram for our database using the client business requirements. This ER diagram served as a blueprint for our entire project.



Relational Model- Our next step was building a relational model based on our ER diagram. Using our diagram we were able to create multiple tables for each entity within the ER diagram.

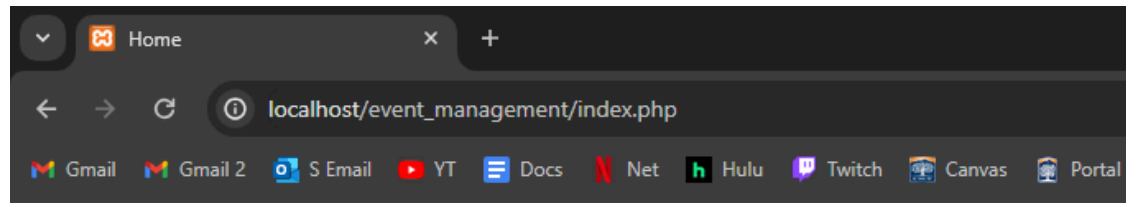


Physical Model-



Login

Email: Password:



Home

- [Events](#)
- [Attendees](#)
- [Organizers](#)
- [Users](#)
- [Addresses](#)
- [Logout](#)

Welcome, User!

Attendees

- [Home](#)
- [Events](#)
- [Organizers](#)
- [Users](#)
- [Addresses](#)
- [Logout](#)

User Email: Attended: Enroll:

User Email Attended Enroll

Elton John 50 1
Mark Hamil 100 1

Organizers

- [Home](#)
- [Events](#)
- [Attendees](#)
- [Users](#)
- [Addresses](#)
- [Logout](#)

User Email: Add Event: Update Event: Cancel Event: Close Event: Republish Event: Event Public:

User Email	Add Event	Update Event	Cancel Event	Close Event	Republish Event	Event Public
RealEmail@FakeEmail.com 1	0	1	1	0	1	
FakeEmail@RealEmail.com 1	0	1	1	0	1	

Users

- [Home](#)
- [Events](#)
- [Attendees](#)
- [Organizers](#)
- [Logout](#)

Email: Last Name: First Name: Phone Number: Password: Roles: Events:

Email	Last Name	First Name	Phone Number	Password	Roles	Events
RealEmail@FakeEmail.com Hamil	Mark	1234567890	TotallySafePassword	Organizer	Pizza Party	
FakeEmail@RealEmail.com John	Elton	987654321	UnsafePassword	Organizer	Movie Night	

Addresses

- [Home](#)
- [Events](#)
- [Attendees](#)
- [Organizers](#)
- [Users](#)
- [Addresses](#)

Street Address: City: State: Postal Code: Country:

Street Address	City	State	Postal Code	Country
1599 Valencia Ave	Tustin	CA	92782	US
800 N State College Blvd	Fullerton	CA	92831	US

Application Design- Application was designed in multiple sections where we each individually worked on what we felt most comfortable with. This was then reviewed by each other to confirm integration with PHP and HTML as needed for the MySQL server. This server was tested on multiple devices to confirm compatibility.

Overview- Overall this was a challenging project that really tested our skills with PHP and MySQL. While the HTML remained rudimentary we had limited practice with PHP or MySQL before starting this project and really learned a lot as a result.

SQL Queries-

```
CREATE VIEW UsersTable AS  
SELECT FirstName, LastName, EMAIL, PHONENUMBER FROM users WHERE  
EVENTS > 10 AND ROLES = 'Organizer';
```

```
CREATE VIEW EventsTable AS  
SELECT * FROM event WHERE CAPACITY > 100;
```

```
CREATE VIEW ClosedTable AS  
SELECT * FROM event WHERE STATUS = 0 OR STATUS = 1;
```

Difficulties- While we were able to work and create the database (MySQL) portion of the project, creating a working website was difficult for most group members because none of us knew PHP. Some did know a little HTML which made the transition to PHP a little smoother but nonetheless this was a big obstacle for us as a group.

Summary- While we got a working prototype created for the class I don't think I would be confident launching this as a full product. I think if given more time or more focus was put on the project we could have made a working client ready project. Though this was a learning tool I really liked the knowledge gained as a by-product of challenging ourselves.

Peer Evaluation- Everyone worked really well together and was responsive. I don't think there was a single group mate that didn't pull their weight. While I feel some things may have been delayed, real life did get in the way and we had other responsibilities.