Eventure

Team 17 Large Project

Team Members

- Santiago Echeverry API/Frontend
- Antonyous Rezk Project Manager/Mobile App Front End
- Tuankiet Vu Front End
- Esteban Venegas Mobile App Development
- Taison Mishoe Email Verification/Database
- Arjun Batheja Front End/Database
- Lakshmi Katravulapalli Front End/Database

What is our Project about?

Our project is a tourist themed website that allows users to search for events based on their preferences and find popular events happening in the US. User's can do an AI search that find events based on their preferences. They can also save their events and find more details about events when clicking on them. The app also includes as user friendly calendar that provides the latest and most popular events occurring in that month.



Things that went well

Working as a team and Communicating with each other

Problem Solving and Debugging

Worked as a group to figure out problems

Being able to work under pressure

Things that did not get well

Github Merging made things very complicated

Mobile App was very difficult to implement and time consuming

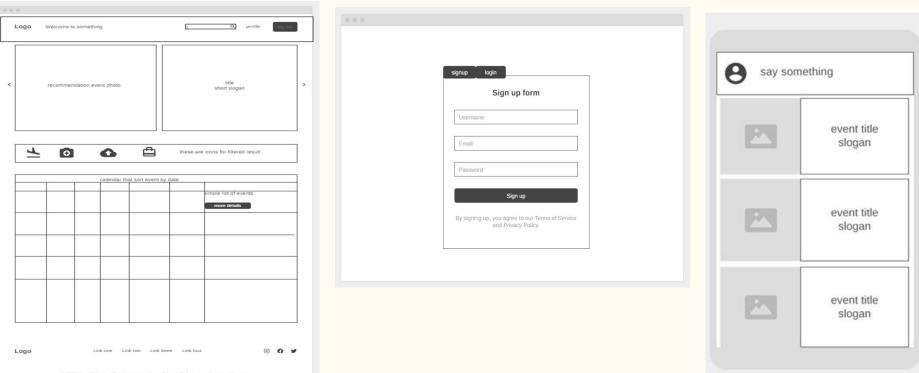
Stressful because of less time for project and mobile app

Hurricane Milton and Helen

Mern A and B (Trouble connecting code to Domain)

Web Design

Prototypes



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Gantt Chart

Ucf | EVENTURE

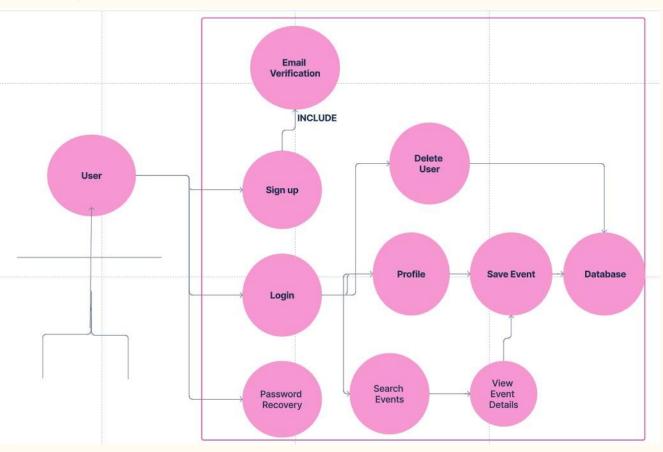
| - | Task name | Assigned | Status | | | ber 2024 | | | | | | | | | ovemb | | | | | 2200 | | | | | | | | - | |
|----------|-----------------------|------------|--------------------------|---------------|-----------------------|---------------------------|-------------|---------------------------------|--|----------|----------|-----------|-----------|--------|--------|---------|---------|---------|--------|-------|----------------|--------|--------|--------|----|----|------|-------|----|
| | | | 17 | 18 21 2 | 2 23 | 24 25 | 28 29 | 30 31 | 01 04 | 05 0 | 06 07 | 08 1 | 1 12 | 13 : | 14 15 | 5 18 | 19 | 20 | 21 3 | 22 | 25 2 | 26 2 | 27 21 | 3 29 | 02 | 03 | 04 0 | 05 06 | 09 |
| | | | | Eventu | 1 100 | 0/2024 | 11/18/202 | | | | | | | | | | | | | | | | | | | | | | |
| | Eventure | | | - | | | /18/2024 | | 024 | | _ | | | | _ | - | | | | | | | | | | | | | |
| 1.1 | Project Managment | | | Project | - | | 10/2024 | 11/10/2 | 024 | | | | | | \sim | - | • | | | | | | | | | | | - | |
| 1.1.1 | Discussing peoje | unassigned | Done | | | 2 | | | | | | | | | 100 | _ | | scussir | | | | | | | | | | | 4 |
| .1.2 | Mandatory Mee | unassigned | Done | | ~ ~ | | 1 | | | | | | | | | 1 | | Aandat | tory N | Meeti | ing thr | ee Ti | imes v | veekly | | | | | E |
| 2 | DataBase Role | | | | | 120 | /2024 - 11 | | | | | | | | | 1 | | | | | | | | | | | | | |
| .2.1 | DataBase Meeti | | | S-S Distances | and the second second | CONTRACTOR OF STREET, ST. | Tuesdays | Contraction of the local sector | and the second | 1/01/202 | 4 | | | | | | | \sim | | | | | | | | | | | |
| .2.1.1 | Debugging Da | | | Debu | gging Da | ataBase | 10/21/20 | 24 - 11/0 | 1/2024 | | | | | | | | | | | | | | | | | | | | |
| .2.1.1.1 | Continue t | unassigned | Done | | | | | • | Continue | to suppo | ort Data | Base | | | | | | | | | | | | | | | | | |
| .2.1.1.2 | DataBase | unassigned | Done | | | | | | | DataBas | se com | aleted | | | | | | | | | | | | | | | | | |
| .3 | API Role | | | A | PI Role | 1 10/22/2 | 2024 - 11/1 | 5/2024 | | | | | | | | | | | | | | | | | | | | | |
| .3.1 | Login and Regist | unassigned | • Done | | | | | | | Login ar | nd Regi | ster End | I Points | | | | | | | | | | | | | | | | |
| 3.2 | CRUD Endpoint | unassigned | Done | | | a al al | e de se | | | 1.00 | | CRUD E | Indpoint | | | | | | | | | | | | | | | | |
| 3.3 | Email Verification | unassigned | Done | | | | | | | | | | | | Ema | ail Ver | ficatio | n n | | | | | | | | | | | |
| 3.4 | SwaggerHub Do | unassigned | Done | | | | | | | | | | | | | | Swag | gerHul | Doc | cume | entaior | n: | | | | | | | |
| 3.5 | Unit Testing | unassigned | Done | | | | | | | | | | 1 | | | | Unit T | esting | | | | | | | | | | | |
| 4 | Front End Web | | | | | | | Fro | ont End | Veb I 10 | /31/202 | 24 - 11/1 | 15/2024 | | ~ | | | | | | | | | | | | | ~ | |
| 4.1 | Website Prototy | unassigned | Done | | | 21 | | 1 | 10000 | | | | | we | ebsite | Protot | ypes | | | | | | | | | | | | 4 |
| 4.2 | Connecting API | unassigned | Done | | | 23 | | | | | | | - | | Con | nectin | g API | | | | | | | | | | | | R |
| .4.3 | work on front pa | unassigned | Done | | | Print and | Ch. | | | | | 1 | 1. I | | | | work | on fron | t pag | ge | | | | | | | | | |
| | Front-End Mobile Appp | | | | | | | | Front- | End Mot | oile Ap | p 11/ | 01/2024 | - 11/1 | 15/202 | 0. | | | | | | | | | | | | | |
| .1 | Begin Front-End M | unassigned | Done | | | | | | - | | | Be | gin Front | -End | Mobile | | | | | | | | | | | | | | |
| .2 | MainApp Screen D | unassigned | Done | | | | | | | .ii. | | | 1 | | ainApp | | n De | sign | | | | | | | | | | | |
| .3 | Connecting API | unassigned | Done | | | | | | 1.0 | | | 1 | | | | nectin | | | | | | | | | | | | | |
| 4 | API Debugging and | unassigned | Done | | | | | | | | - | 1. 1. | | | | | T | ging a | nd in | nolon | nentai | ion | | | | | | | |
| 5 | API Debugging and | | | | | | | | | | | | | | - | | | nalized | | apien | - incontration | nuer é | | | | | | | |
| | | unassigned | Done | | | | | | | | | | | | | | | s read | | | | | | | | | | | |
| 2.6 | APP is ready | unassigned | Done | | _ | | | | | | 1.1 | - | _ | | | | MPP I | s ready | Y . | | _ | | | _ | | | | _ | 4 |



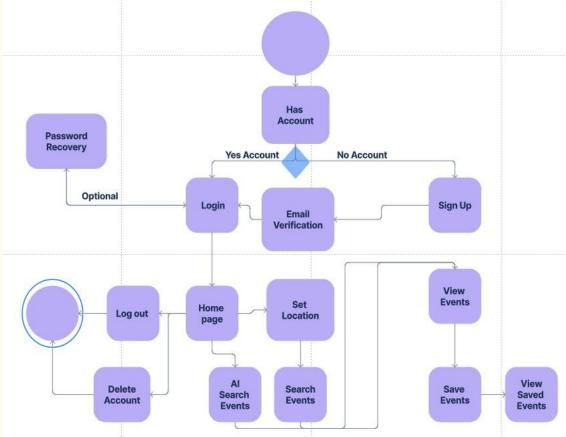
| Event ID | Integer |
|-------------|----------|
| Title | VARCHAR |
| Category | VARCHAR |
| Description | String |
| Price | Integer |
| Date | DateTime |
| Location | String |
| Image URL | String |

| User ID | Integer |
|--------------|--------------|
| First Name | String |
| Last Name | String |
| Email | String |
| Username | String |
| Password | String |
| Saved Events | String Array |

Use Case Diagram



Sequence or Activity Diagram for the Website



MongoDB

| + Create Database | COP4331Tourists.Users | |
|---------------------|---|-----------------------|
| Q Search Namespaces | STORAGE SIZE: 36KB LOGICAL DATA SIZE: 2.82KB TOTAL DOCUMENTS: 21 INDEXES TOTAL SIZE: 36KB | |
| COP4331Tourists | Find Indexes Schema Anti-Patterns Aggregation Search Indexes | |
| Cards | Generate queries from natural language in Compass® | INSERT DOCUMENT |
| Users | Filter ^C Type a query: { field: 'value' } | Reset Apply Options • |
| | QUERY RESULTS: 1-20 OF MANY | |
| | _id: ObjectId('6721fad990b2e5c0fb0b2a92') Login: "arjun" Password: "bhatheja" FirstName: "Arjun" LastName: "Bhatheja" UserId: 1 | |
| | <pre>_id: ObjectId('672203c721be898655f9bff0') Login : "rickL" Password : "COP4331" FirstName : "Richard" LastName : "Leinecker" UserId : 2</pre> | |
| | < PREVIOUS 1-20 of many results | NEXT |

MongoDB

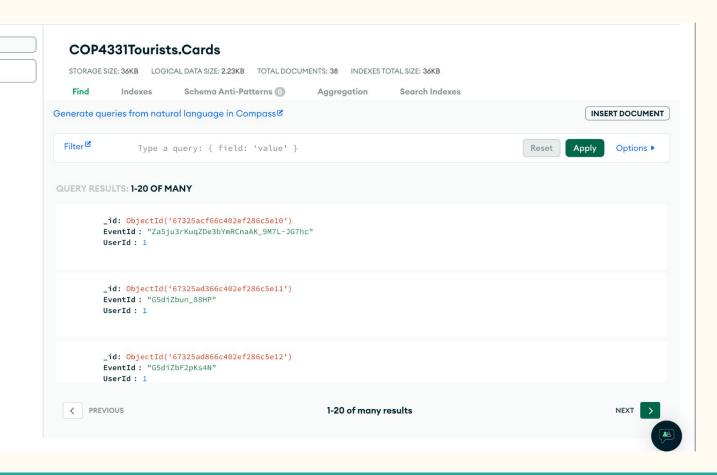
| + | Create | Database | |
|---|--------|----------|--|
|---|--------|----------|--|

Q Search Namespaces

COP4331Tourists

Cards

Users



API Demo - SwaggerHub

https://app.swaggerhub.com/apis/SANTIAGOECHEVERRY25/Eventure/1.0.0

Email Verification/Recovery



Website Demo

http://eventure.cloud/

Mobile App Demo

Links

https://github.com/Saltyago/Team17COP4331

https://discord.com/invite/nQueXmqV

http://eventure.cloud

https://app.swaggerhub.com/apis/SANTIAGOECHEVERRY25/Eventure/1.0.0

Any Questions?