

UTA EVENT MAPPER

Team 10

Mason

Jeff

Omar

GITHUB

<https://github.com/mtb9515/UTA-Event-Mapper>

Title or website banner

Login / Logout

Events

Host Event

Notifications

Friends

Sign-up

Dynamic Pane
all menu items
above will
appear in this
pane

Map Pane
Always shows Map

COMPETITORS

- Google Maps
 - Global scale Map, organized by locations
- Larger scale, less specialized, non exclusive, location oriented rather than event oriented
- <https://events.uta.edu/>
 - College hosted site with college related events and map links
- Less user friendly, no Map included in base UI, event hosting controlled

PRIORITY FEATURES - HIGH RISK / CORE COMPONENTS

- Account Creation
 - UTA email required/verified for signup
 - Simple account creation required to begin hosting events
 - Login with Email and PW
- Map
 - Displays Map centered on UTA
 - Displays Pins of hosted events
 - Can zoom and Scroll and to Pins for info

PRIORITY FEATURES - HIGH RISK / CORE COMPONENTS

- Create Events
 - Place Pin on Map for event location
 - Mandatory: Event Name, Time (1 week limit to start), Location Description, Host Info
 - Optional: RSVP option, Links (organization / socials), Private (creates list to send Email invite, account not required)
- View Events
 - Viewing own event - Option to edit -> reopens event creation UI
 - Viewing others events - Shows relevant Event info, RSVP if possible, list of Friends RSVP'd (implemented after friends list)

IMPORTANT FEATURES

- Notifications

- Friend requests
- RSVPs to your events
- Event reminders
- Friend hosted events
- Private event invites

- Friends List

- List of Names / Email addresses
- Add friend bar with input for email address

IMPORTANT FEATURES

- Event List
 - Top section displaying currently ongoing events
 - Bottom section displaying chronologically sorted upcoming events

FEATURES WITH POTENTIAL

- View map and events without account
 - Limited interaction
 - May be very simple to implement
- Event Filters
 - Filter events using a date/time or range of dates/times
 - Filter/search for events hosted by user email
- Categorized events
 - Use different colors or shape for map pins

RISK	(ESTIMATES)	PROBABILITY	HOURLY COST	RE
● Lack of experience		50%	30	15
● Version control mistakes		50%	20	10
● Absent Teammates		25%	20	5
● Map API incompatible w/ vision		30%	10	3
● Database incompatible w/ vision		15%	20	3
● Web hosting issues		50%	4	2
● Finding Users		25%	4	1

RISK MITIGATION

- Lack of experience
 - Identify deficiencies and spend time self learning using tutorials or AI instruction
- Version Control Mistakes
 - Group member with most Github experience directs version control management
- Absent teammates
 - Ongoing endeavor to include and communicate with all members

RISK MITIGATION

- Map API incompatible with vision → Research, explore, compare map solutions early on, have backup plan
- Web Hosting Issues → Explore web hosting options early on before implementation required
- Database incompatible w/ vision or usage change → Find backup plan for database service

RISK MITIGATION

- Finding users
 - Event hosts needed to gain website traffic and momentum
 - Seek users among classmates
 - Solicit classmate discords/teams/group chats
 - Invite event hosts around campus to try our app after launch

USERS

- UTA Students and Faculty

- Anyone with a UTA student or faculty email can get validated to create an account
- Account required to Host events, add friends, RSVP

- UTA Visitors

- The map and events can be viewed without signing up
- This allows UTA visitors without an account to view events with limited feature access

WHAT WE ARE NOT MAKING (SUBJECT TO CHANGE)

- Elaborate profile pages
- Android/Iphone/mobile application
- A service for users outside of UTA
- An advertising platform