

# UTA EVENT MAPPER

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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 tp 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