

UTA EVENT MAPPER

Mason

Team 10
Jeff

Omar

GITHUB

<https://github.com/Omarkjee/eventmap-3311>

PROJECT OVERVIEW

Our project goal is to create a website for UTA students, faculty and visitors to host, find and share events on campus.

We believe this can improve social outreach for organizations and individuals.

CURRENT PROGRESS

- **Account Creation**

- Create and sign into an account stored in firebase database

- **Event creation and viewing**

- Smoothly transition between viewing upcoming and ongoing events or hosting your own event

- **Interactive map**

- Find events on your route and navigate the website with an interactive map

FEEDBACK & ADJUSTMENTS

- **Remove Friends List**

Feedback suggests the friends list feature may not be necessary. We plan to replace it with a simpler "Share This Event" button, which will generate a shareable URL linking to the website and the event.

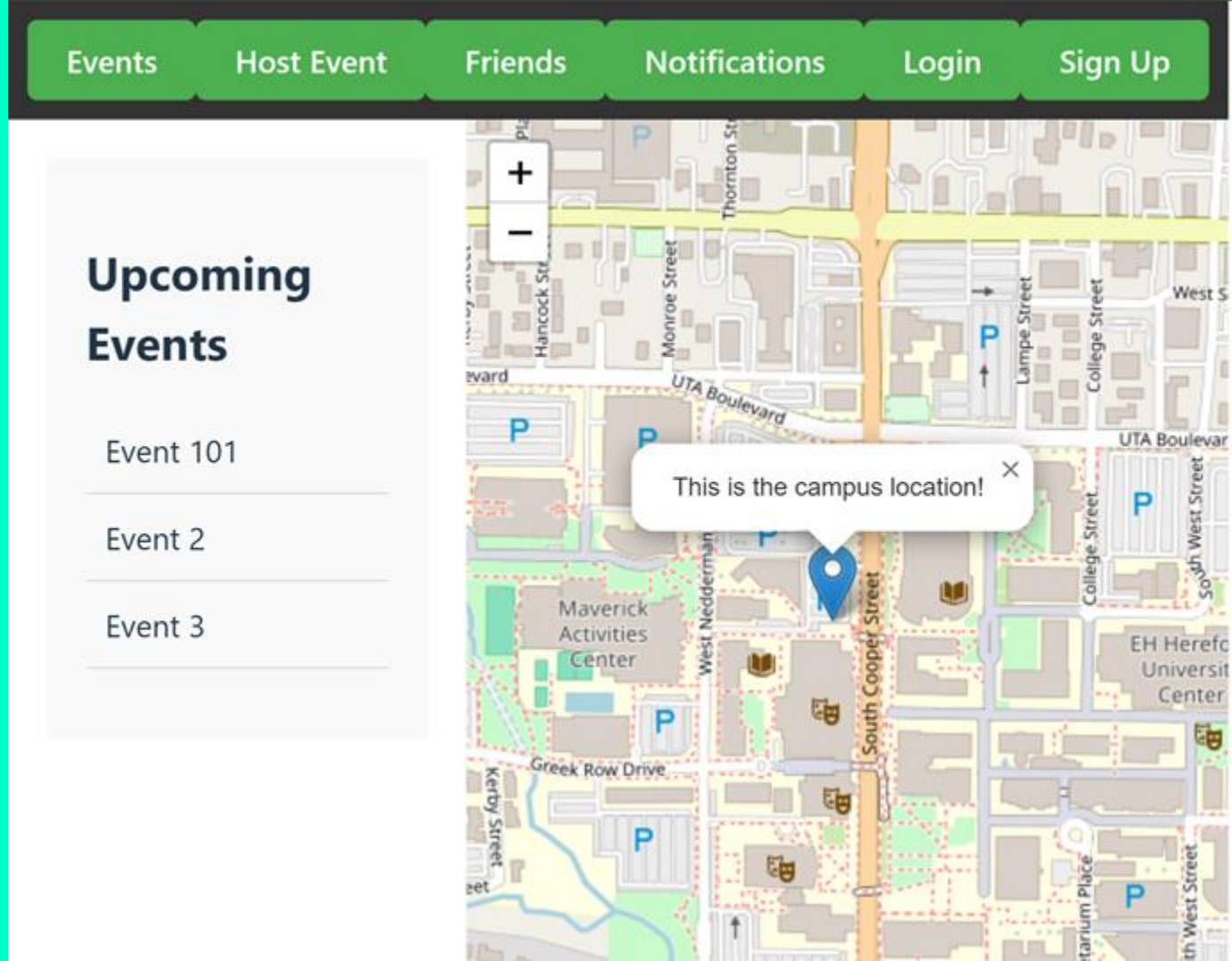
- **New Features to Consider**

- **Center Map Button:** Add a button that quickly centers the map, improving navigation.
- **Categories:** Implement event categories for easier sorting and discovery.
- **Bound Map:** Set boundaries to prevent the map from drifting too far out of view.
- **Language Filter:** Foster a safe environment with an inappropriate language filter.

ITERATION 1 SCREENSHOT

Check Teams
chat for
survey [link](#)!

Your feedback
is highly
valued.



ITERATION 3 GOALS

- Finish, test and improve current features
- Improve user experience across device sizes
- Host Website publicly
- Implement Bookmarked Events
- Implement Event Filters

CURRENT FEATURE IMPROVEMENT

Login/sign up UI and functions

- Build aesthetic and dynamic UI for desktop and mobile
- Minimum PW requirements
- Account recovery
- Determine account restrictions (UTA only or all visitors? How to control?)

Sign Up

Email Password

Login

Email Password

CURRENT FEATURE IMPROVEMENT

Host Event back-end functions (private and RSVP)

- Private event email invites
- External links and controls
- Event timeframes and database cleanup

Host an Event

Start Time *

mm/dd/yyyy --:-- --

End Time *

mm/dd/yyyy --:-- --

Description *

☐ Make event private

☐ Allow RSVPs

DROP PIN ON MAP

CREATE EVENT

CURRENT FEATURE IMPROVEMENT

“View Event” UI and functionality

- Build aesthetic and dynamic UI for desktop and mobile
- Implement host name (use real name or email address?)
- Implement additional event info (Contact info, external links etc.)

long test event that is ongoing

Description: long test event

Location Info: info

Start Time: 10/5/2024, 1:35:00 PM

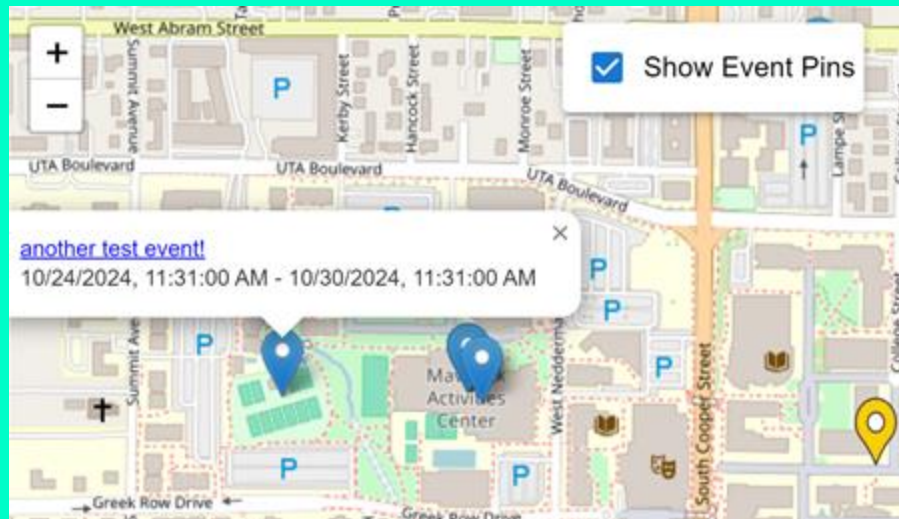
End Time: 10/31/2024, 1:36:00 PM

Host ID:

CURRENT FEATURE IMPROVEMENT

Fix and improve map user experience

- More compact mini info window
- Decide default pin visibility
- Improve pin highlighting logic

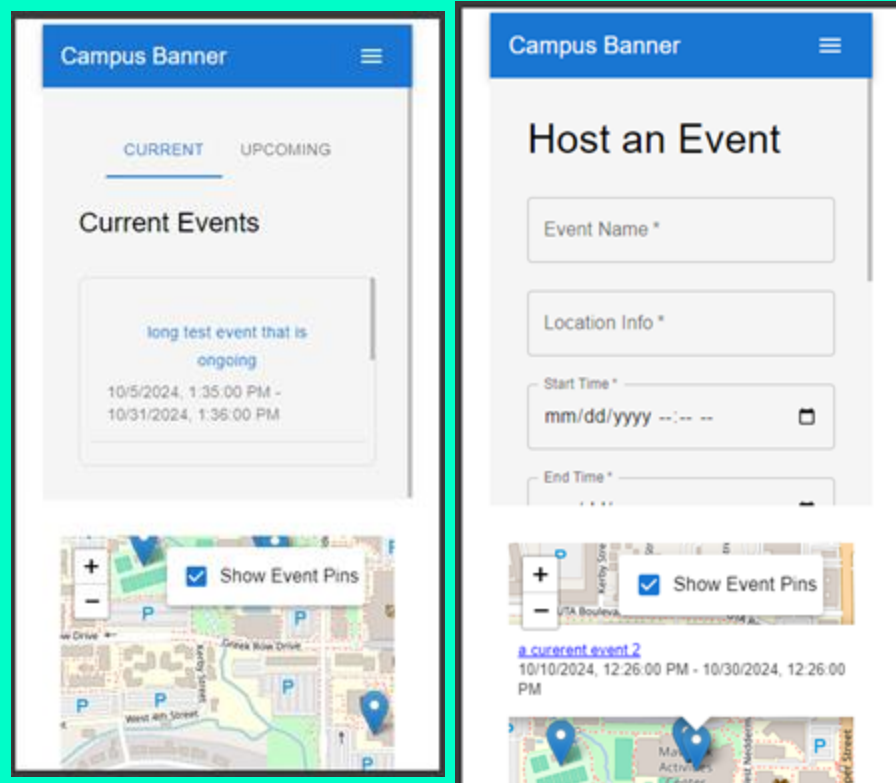


DYNAMIC SIZING

Dimensions: iPhone SE

Improve user experience (UE) across device sizes

- Map in drawer or behind content
- Test user experience with different configs
- Seek feedback



PUBLIC HOSTING

Initialize hosting with Firebase Hosting

- Write and test database rules

```
// Allow only authenticated users to create events  
allow create: if request.auth != null && request.auth.token.email_verified == true;
```

- Ensure security during development
- Initialize hosting

```
$ firebase init hosting
```

CI/CD

- Use Github workflows for continuous integration and continuous deployment
- Preview changes with Firebase Hosting Emulator
- Github Workflows CI/CD template:

```
#name: Deploy to Firebase Hosting on Push
#
#on:
#  push:
#    branches:
#      - main # Replace with the branch name you want to trigger deploys on
#
#jobs:
#  build_and_deploy:
#    runs-on: ubuntu-latest
#
#    steps:
#      - name: Checkout the code
#        uses: actions/checkout@v2
#
#      - name: Set up Node.js
#        uses: actions/setup-node@v2
#        with:
#          node-version: '16'
#
#      - run: npm install
#
#      - run: npm run build # Replace with your actual build command
#
#      - name: Deploy to Firebase Hosting
#        uses: FirebaseExtended/action-hosting-deploy@v0
#        with:
#          repoToken: '${{ secrets.GITHUB_TOKEN }}'
#          firebaseServiceAccount: '${{ secrets.FIREBASE_SERVICE_ACCOUNT }}'
#          projectId: your-firebase-project-id # Replace with your project ID
```

UPCOMING FEATURES

- **Bookmarked Events**

- UI similar to event list
- Bookmark an event to find it quickly later
- Events you host are automatically bookmarked for easy tracking

- **Event Filters**

- Events assigned type by host
- Users can filter events they see in event list and on map
- Different map pins for different event types

