Towson Student's Events

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Description

Problem: TU students can often plan events, but have a hard time getting the word out. They may try telling all their classmates or making social media posts, but this is limited to those within (or related to) their social circle. Towson has an official event page, but only those with authorization can post events, not the common TU student or faculty.

Solution: We will build an event page very similar to the official Towson event page, except we will expand it to allow anyone with a Towson email to create an account and post events.

Similar Websites: https://events.towson.edu/ and https://www.meetup.com/

Necessary features: External database using a third party serve and security measures for the website and database.

GitHub link: https://github.com/COSC-484

Functionalities

1. User account
   a. Sign up (example picture from MeetUp.com).

Your name

Email address

Password

Baltimore, MD (change)

I'm not a robot
reCAPTCHA
Privacy - Terms

Your name is public. We'll use your email address to send you updates, and your location to find Meetups near you.

Continue

b. Log in (example picture from MeetUp.com).

Log in 🔒

Not registered with us yet? Sign up

Email address:

Password:
Forgot your password?

☑ Keep me signed in

Log in

c. Profile (example pictures from Towson Events Page and MeetUp.com).

ME   MY PLANS   LOGOUT   Search places, events, group 🔍
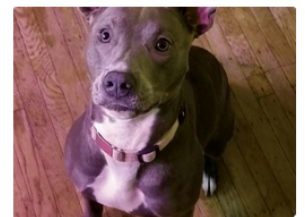
PHOTO (1)   FRIENDS (0)   PLACES (0)   REVIEWS (0)

Cody's Plans ▬

Cody has no upcoming plans

VIEW ALL PLANS...

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cprice17

Location:
Towson, MD

Meetup member since:
February 8, 2020

Networks:

Bio
Hi, my name is Cody.

Hide my bio from others   Edit

You aren't in any groups yet.

Looking to post a greeting? Start a conversation instead.

Change your photo
Photos 1

Interests
Hide interests on profile · Edit

Computer Science · Computer programming · Software Development · Web Development

d. Messaging (example pictures from Towson Events page and MeetUp.com).

Send a Message

Type your message

Send Message

Inbox   Archive   New Conversation   ✕

To: |

Say something nice...

Send

SHIFT+ENTER

      e.   See which events a user has/will be attending (can be made private).
2. Create an event
      a.   Name of the event.
      b.   Description of the event.
      c.   Share the event's location.
      d.   Post photos for the event.
      e.   Include additional host(s) of the event.
      f.   Add tags for search/organizational purposes
3. Search through events
      a.   Able to see event information.
      b.   Able to see who is Attending.
      c.   Able to mark yourself as attending or maybe attending.
      d.   Add a comment on the event page (maybe).
4. Follow users and get notified when they create an event

Uses Cases

Name	Sign up user
Description	Allows users to create an account for the site.
Actors	TU students and faculty.
Assumptions	User is a TU student or faculty with a TU email.
Pre-condition	User clicked sign-up.
Post-condition	The user has an account created for the site.

Name	Log in user
Description	Allows users to log into the site.
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User clicked login.
Post-condition	The user is signed into their account.

Name	View profile
Description	Allows users to view profiles (their own or someone else's).
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User is logged in and then clicked their own or someone else's profile.
Post-condition	The user is taken to the profile in question where they can see the name, bio, photos, favorite tags, friends, and which events will be attended.

Name	Edit profile
Description	Allows users to edit their profile.
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User is logged in, opened their profile, and clicked edit profile.
Post-condition	The user has updated their name, bio, photos, and/or favorite tags.

Name	Message user
Description	Allows one user to message another
Actors	TU students and faculty.
Assumptions	The user already has an account and the site has multiple users.
Pre-condition	User is logged in, opens another user's profile, then clicked message.
Post-condition	Message is sent, notifying the recipient.

Name	Friend user
Description	Allows one user to friend request another
Actors	TU students and faculty.
Assumptions	The user already has an account and the site has multiple users.
Pre-condition	User is logged in, opens another profile, then clicked friend request.
Post-condition	Friend request message is sent, notifying the recipient.

Name	Create event
Description	Allows user to create/post an event
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User clicked "create event".
Post-condition	An event is created containing the event name, description, location, name of host(s), tags, and photos (optional but recommended).

Name	View general events
Description	Homepage shows all events and can be filtered by time posted, popularity, and friends are attending.
Actors	TU students and faculty.
Assumptions	The user already has an account and events have been created.
Pre-condition	User goes to the homepage.
Post-condition	Events appear according to the filters the user has selected.

Name	Search specific events
Description	Allows user to search for specific events based on keywords or tags.
Actors	TU students and faculty.
Assumptions	The user already has an account and events have been created.
Pre-condition	User selects "events" and then types keywords or tags into the search bar.
Post-condition	Events containing a keyword or tag appear.

Name	Search for user
Description	Allows user to search for other users
Actors	TU students and faculty.
Assumptions	The user already has an account and the site has multiple users.
Pre-condition	User selects "people" and then types a name or favorite tags into the search bar.
Post-condition	Users whose profile contains the searched name or favorite tags appears.

Name	Mark attending for event
Description	Allows user to mark themselves as attending an event.
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User opens an event and clicks attending.
Post-condition	The user appears on the event page as attending, as well as the event appearing on their profile.

Name	Comment on event
Description	Allows user to leave a comment on an event page.
Actors	TU students and faculty.
Assumptions	The user already has an account.
Pre-condition	User opens an event and types a comment into the comment box.
Post-condition	The comment appears on the event page for other users to see.

Sub-Teams

Frontend (client side): Frontend is the part of the website that you can see and interact with directly in order to receive the backend capabilities of the system. Frontend is mostly the web browser and everything the user sees and interacts with on the website like the graphical user interface including the flashy buttons, colorful images, navigation menus, etc. The frontend team for this project will focus on creating the websites pages using HTML and CSS.
Members: Kristen Woods, Artemio, Mamadou

Backend (server side): Backend is the part of the website which you cannot see and interact with directly, as it runs behind the scenes on the server side, but communicates with the frontend to ensure everything works fine. The backend team for this project will create the connection between the frontend and database by writing APIs, creating libraries, and adding utilities to everything the frontend team makes. The backend team will be using JavaScript (MERN).
Members: Cody Price, Michael Narvarro, Aniese

Database: The database will be the server where we store every user's data for our website. The database team for this project will be responsible for choosing which DBMS we will use (making sure it is compatible with JavaScript (MERN)), as well as then developing the database for our website.
Members: Evanna, Ryan, Olshupo, Cait

Plan

Agile Programming: The professor recommends that we develop our project iteratively, where we start with a modest base and then work towards a more fully-functional system.

First iteration functionalities:
1. Sign-up
2. Log-in
3. Log-out
4. View basic profile (Only shows user's name and email)
5. Create a basic event (Only takes event name, description, location, and name of host(s)).
6. Homepage displays all created events in the order in which they were created (Only displaying the event name, description, location, and name of host(s)).

Week 1

Frontend team: Figure out all necessary pages for above functionalities and design them using HTML, CSS, and react.

> **Goals**
> 1. **Practice HTML, CSS, React**
> 2. **Website Design**
> 3. **Necessary Pages**

Backend team: Practice JavaScript (MERN), noJS, and Express, keep in pace with other two groups.

> **Goals**
> 1. **Practice JS(MERN), Express, Node JS**

Database team: Figure out which DBMS we should use that is compatible with JavaScript (MERN). Then...

> **Goals**
> 1. **Structure (Schema, ER)**
> 2. **Practice MongoDB**

Pages:

Home (default page)
login + view events if already logged in

Login/Create Account- Olashupo, Cait

User profile page- Kirsten,
friend option
view events by this user
message option
view events attended/attending

Event page (info for one event)- Aniese
Date/time
description
comments

Events page (listing of events) - Cody
default page?
search option?

Create/Edit Event page - Mamadou