RPI EventHub

Project Lead: Mei Huang

Vision/description:

RPI EventHub aims to unite the RPI community through innovation and inclusion. Our vision is to create a vibrant, interconnected campus where every student has the opportunity to engage, innovate, and enrich their college experience. By providing a comprehensive, user-friendly web platform for all events on campus, we aim to revolutionize how events are shared, discovered, and enjoyed at RPI, fostering a stronger, more inclusive community outside of academics. We are committed to offering an intuitive, all-encompassing platform that simplifies event creation, promotion, and discovery, thereby enhancing student life and showcasing RPI's spirit of technological advancement and community engagement.

Stack: HTML/CSS/JS, React, MongoDB, Bootstrap

Goals:

- Have a more elegant UI for users to create event posts and browse existing posts.
- Make the pages responsive on mobile devices
- Have a working filter system for users to easily search for the events they are interested in.
- Have a login system for users to log in. Make it accessible for non logged in users to browse events, but only logged in users can like and create posts.
- Ensure the page starts being used by clubs and spread across campus.

Contributors:

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Milestones:

I.   Mid-June 2024
- Familiarize all new members with React, MongoDB, and git/Github
- Obtain a working domain
- Create Mock Up for Calendar Page in Figma
- Complete the "About Us" page

II. End of June 2024
- Implement the like button and like feature
- Add a "take down date" field in event posts
- Implement a login validation system
- Make specific event pages with more club/event info

III. Mid-July 2024
- Implement the delete button and delete feature
- Implement the function of automatic deletion of passed events
- Have a working homepage that allows for the creation of event posts.
- Prevent duplicate events
- Host parts of the product on our domain
- Update grid ui

IV. End of July 2024
- Implement filtering algorithm
- Make the website compatible with mobile devices
- Host and deploy
- Reach out to club officers to use the app
- Dark Mode

V. End of August 2024
- Final bug fixes
- Add miscellaneous features
- Present project