

Adam's County Community Wellness Connections

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Our Client

Adam's County Community Wellness Connections is a local nonprofit that provides wellness events (for the local community) organized around the idea of balance within the eight dimensions.

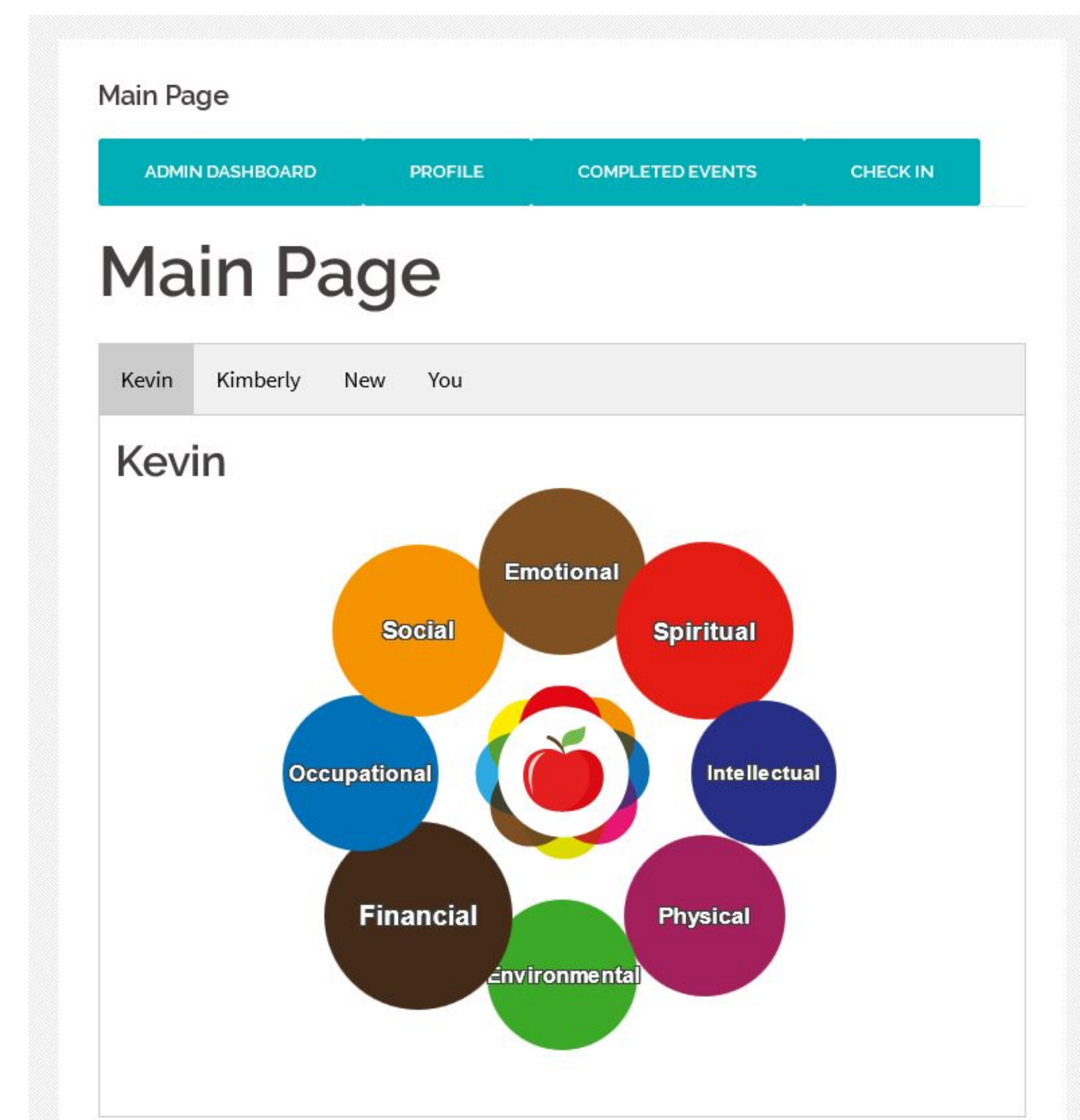


Project Summary

The Community Wellness Web App provides the Adams County Wellness Program with a mobile-responsive website through which they can easily do registration and statistical analysis of event attendance, as well as provide users with an easy, free-access, low-literacy way to register for events and track their own event attendance and growth in all eight wellness dimensions. Due to the nature of the mobile-responsiveness of the design, the web application will be available across all platform browsers including PC's, tablets, and smartphones.

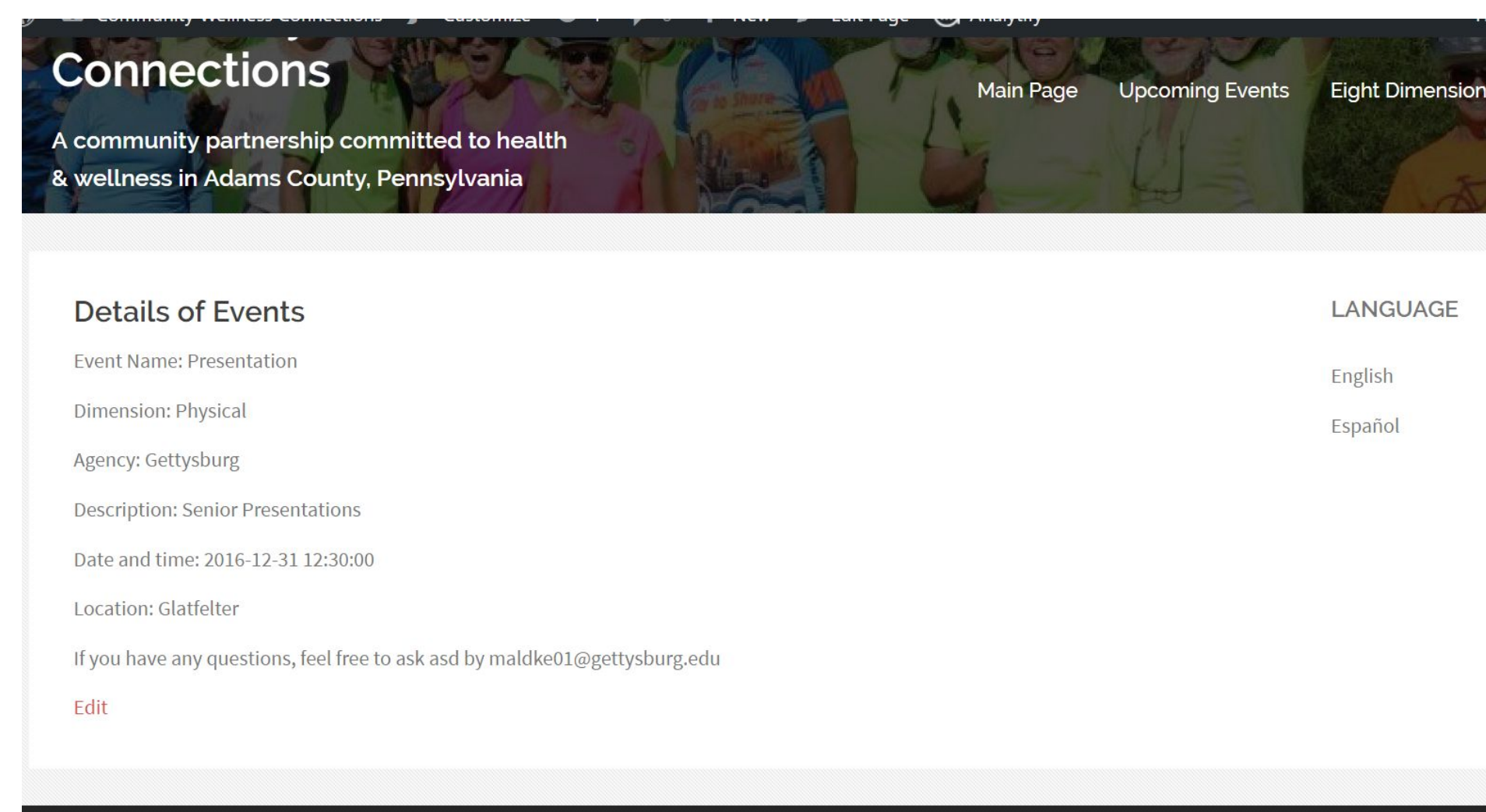
Group's Lessons Learned

- You must be able to adapt to changes from the original specifications and outline.
- Make sure you know how to handle growing complexity without getting overwhelmed.
- It is important to build a trusting relationship with client so that they feel comfortable enough to give constructive feedback and criticism.
- Communicate with your group members to cooperate well with others.



Individual Reflections

- Kevin - "Great learning experience that showed us how to carry out a real-world project."
- Li - "The reasonable division of labor makes us work effectively."
- Chelsea - "This project taught me the importance of learning to work with others and how to efficiently communicate both within our group and with the other community group and our client."
- John - "I learned a great deal about the intricate aspects of web development (particularly on the back-end) and team interactions that I had not previously experienced in any past projects."



Languages & Technologies Used



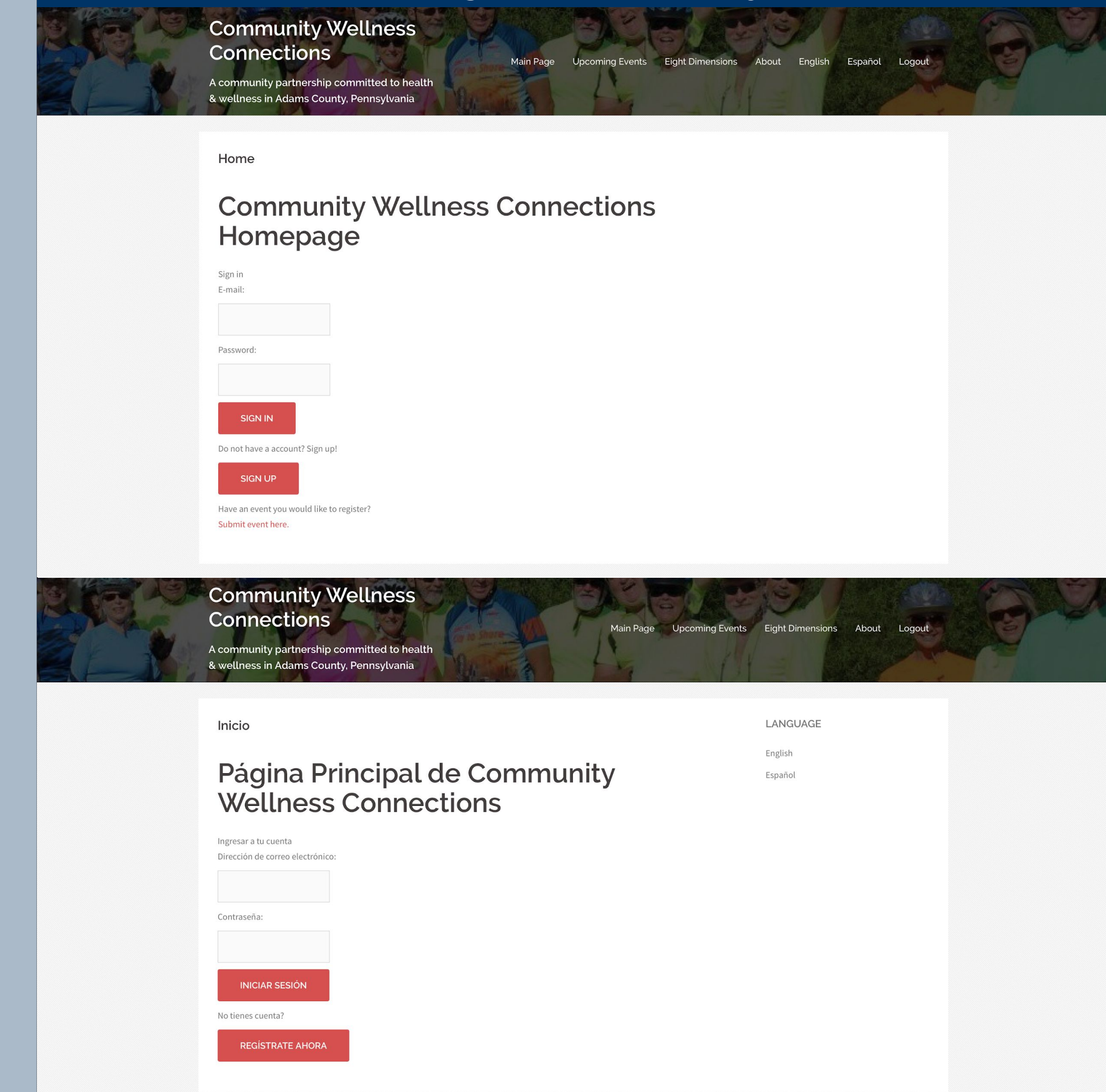
- We used CSS3 for the basic site layout and for responsive design media queries (basically used to scale for different screen sizes and resolutions)
- We used HTML5 technology to power some of the more modern site features, such as the dynamically generated circle dimension layout.
- Javascript was used throughout the site to make our pages more dynamic, particularly when generating user-facing content.
- PHP was used extensively to interact with data on the server back-end.

Technical Platform

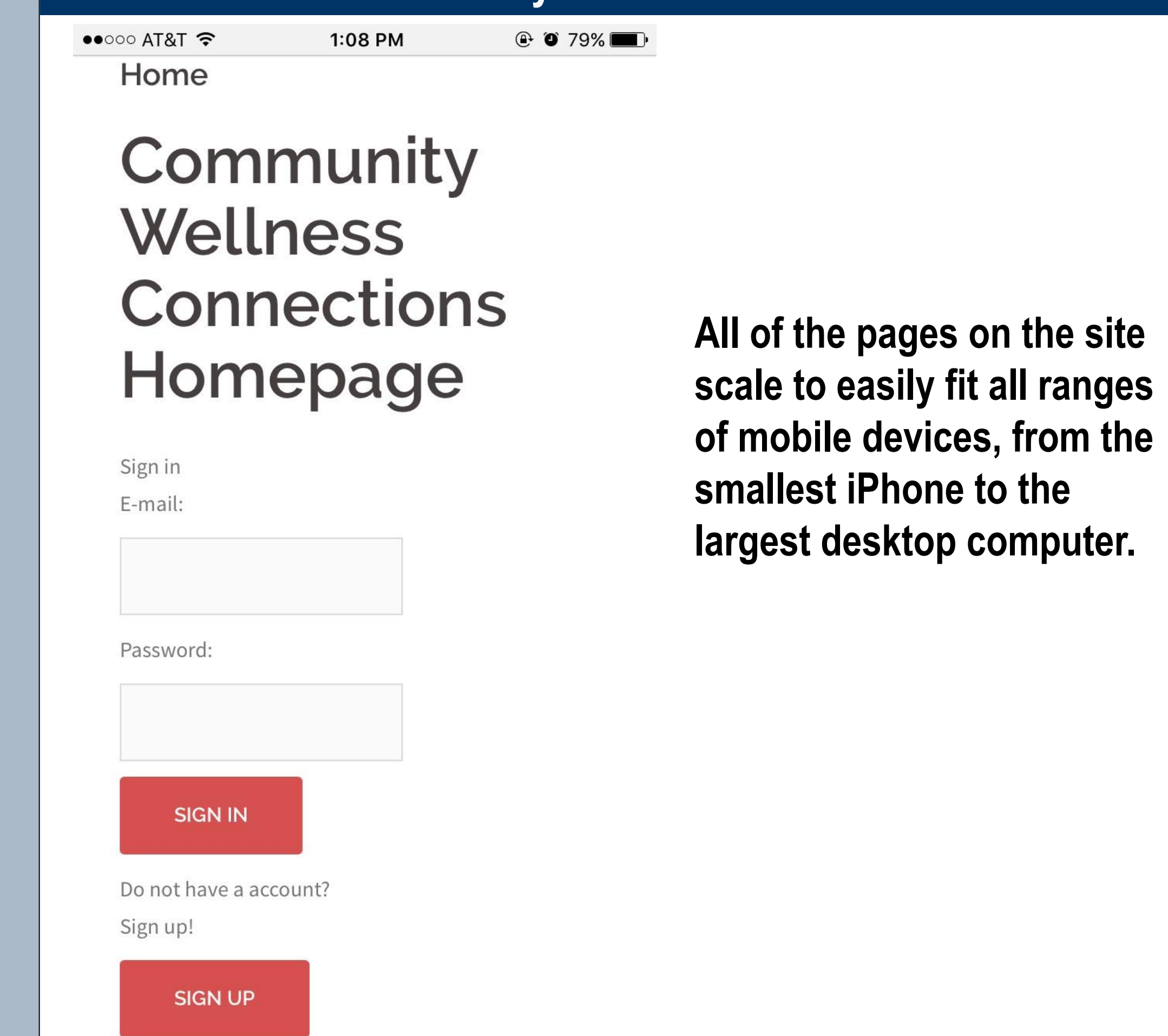


- We used the cPanel to manage the back-end portion of our site, specifically in order to interact with the phpMyAdmin panel.
- We chose Wordpress as our front-end platform for a variety of reasons; primarily, though, because the client's existing site was written using wordpress and also because wordpress provides easy-to-use mobile-responsive site themes, alleviating some of the technical load on our end.
- phpMyAdmin allowed our team to manage, create, and delete: databases, tables, fields and rows; execute SQL statements; and manage site admins/users and permissions.

Bilingual Functionality



Accessibility on Mobile Devices



All of the pages on the site scale to easily fit all ranges of mobile devices, from the smallest iPhone to the largest desktop computer.

Conclusion

Over the course of the semester, our team learned a great deal about the technological and social intricacies of working in a client-focused team environment.

We are incredibly proud of our end product, and hope that the Adam's County Wellness Connections program gets a great deal of use out of the site.

To access the site, browse to <http://adamswellness.sites.gettysburg.edu/>