Proposal

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Problem description

WLU has many events happening throughout the year, including sporting events, guest speakers, club activities, plays etc. and thus far there is no application that displays all those information in one place and allow student easy access to such information.

Solution

Our solution to this problem is to create an application that can display all school events (including information such as time and place) in one location, where the events will be separated into different categories. A separate (forum) page where user can comment on their experience with the event in the past (ex. their experience with a previous school play) or the result of a sports game or look up past events. User can also input request to include their events on the page, which will have to be approved through an admin.

Software Design

The application will use JavaScript, PHP, MySQL, XML, where MySQL will hold the primary data for the application, including user’s login information, admin’s login information and the events information and comments. XML and JavaScript will be used to display information in a formatted manner. PHP will be used to connect the components together.

Requirement Specification

The application should have an admin which will oversee which events is allowed to be display or otherwise deleted, as well delete any user’s comments. User can create an account, with valid email which allows them to request their event (using a form) to be put up and comment on events. User of application does not have to create an account in order to view events or forum. Database is used to hold information of inputted data.

Check points

1. Create home page of application
2. Create database for events, user logins, admin login, comments
3. Display events on homepage
4. Create tabs for different categories, display events for specific categories
5. Search ability for events, forum page
6. Implement user’s capabilities, request for putting up events and comments.
7. Implement admin’s capabilities, approving requests, deleting comments.
8. Implement security for passwords
9. Archive of events
10. User-friendly design

Schedule

Week 1: Mar 9-15

Create simple home page and forum page and database to get events to display on page

Week 2: Mar 16-22

Create tabs for different categories, search ability for events

Week 3: Mar 23-29

Implement user’s capabilities, creating request form, and implementing comment capability on forum page. Admin’s capabilities to approve request and delete comments

Week 4: Mar 30-Apr 3

Added securities for passwords, archive section, brush up on front end of application.