

# Campus Event Map Application

## Project Features Test Plan

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### Search Function Test Plan:

On the search page, enter a keyword into the filter, this will filter the event name and only show events that contains keyword anywhere in the title.

Any events displayed that does not contain the keyword, or any event that has the keyword that doesn't appear in the search result will result in failure.

The user will then change the order of the search result by name, location, and time. The order of the search results will reflect the choice that the user has picked. If the order does not match the choice of the user, then the result is a failure.

### Add Pin To Map Function Test Plan:

To add a pin to the map, the user will be using the Apply feature of the application.

On application start, from home page. The user will go to the navigation bar and select the 'Apply' option. The User will be brought to a new page where they will have the ability to create a new event. The User will fill in the form with the event name, time, organizer, and location. When the form is complete the user will press submit and the pin will be added to the map with event details.

The success of this test is determined by the complete execution of the event application and the result being a new pin on the map as well as the event being added to the events list. Any other deviations from this plan will result in a failure.

### Remove Pin From Map Function Test Plan:

To remove a pin from the map manually the user will require the event ID and organizer ID.

The User will be on the homepage / map view of CUPhere. The User will click on the pin that they would like to remove. A popup will appear with the event details and an option to delete event. Clicking on delete event will enable the user to enter their organizer ID and event ID associated with the event. If the organizer ID matches the event's organizer ID, then the event will be deleted from the map. The pop-up will close and the event will no longer be on the map. If the organizer ID does not match the event's organizer ID in the database, the pin will not be removed and an alert message saying event removal failed.

A successful test is determined by the complete execution of the above process and the correct event/pin is removed. The test is also successful if an incorrect organizer ID is entered and the pin is not removed. Any variation of the test that does not meet the results listed will result in a failed test.