

Lab 9

Team Number: 12-09

Team Name: JAM

Team Members

Name	GitHub Username	Email
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Application Name: Buffs Bulletin

Application Description

Our application, Buffs Bulletin, will be a CU event-based scheduler for students. Our application will consist primarily of an interactive map where students can create, view, rate, comment on, and RSVP to events on campus. Students will be able to create different types of accounts (coordinator, attendee), which will be able to create and view events (respectively). Features on the map include the ability to click on and view an event, RSVP to an event, comment on events, search for events, and see other participants at an event that they have RSVP'd to. In addition to the map, the application will have a 'user profile' page where users can send friend requests, update their user information, and logout.

Coordinator accounts should be linked to a specific group or club on campus, and each club should have a limited number of coordinators. This allows users to sort events by club, and prevents spam of coordinator accounts.

Users should be able to filter events by time, showing events in a specific time frame or period. Users should be able to see events as pins on the map as well as in a sidebar with more details. Coordinators (club leaders, etc) should be able to create events (including time, location, and description) and add them to the map. Participants cannot create or delete events, only RSVP and comment. If time allows, users should be able to send friend requests to other users, allowing them to view the 'my events' map for their friends' profiles.

Audience

CU undergrad students, Club Leaders, Club Attendees, Students who would like to get more involved on campus and would like to find upcoming events they can go to.

Vision Statement

For CU students who need a better way to both advertise and discover new events on campus, Buff's Bulletin is an event platform that provides a simple way to both promote and find events. Unlike BuffConnect and the CU Boulder Events website, our product displays upcoming events on an interactive map, allowing users to quickly see what's happening nearby and make location-based decisions about what to attend.

Version Control

<https://github.com/miaraygithub/software-dev-group-12-9.git>

Development Methodology

We will use the agile methodology. Each week/sprint, we will plan the features/developments that we would like to complete in that given week, and we will design these features together (during group meetings). Then, on our own each week, we will develop and test the features that we have been assigned, and make notes of any issues or problems that arise. In the next meeting, we will begin by reviewing the progress we have made so far, which should inform planning for the next week/sprint. In order to keep track of the progress, we will use Scrum meetings and a Kanban board in the form of the Github project board.

Communication Plan

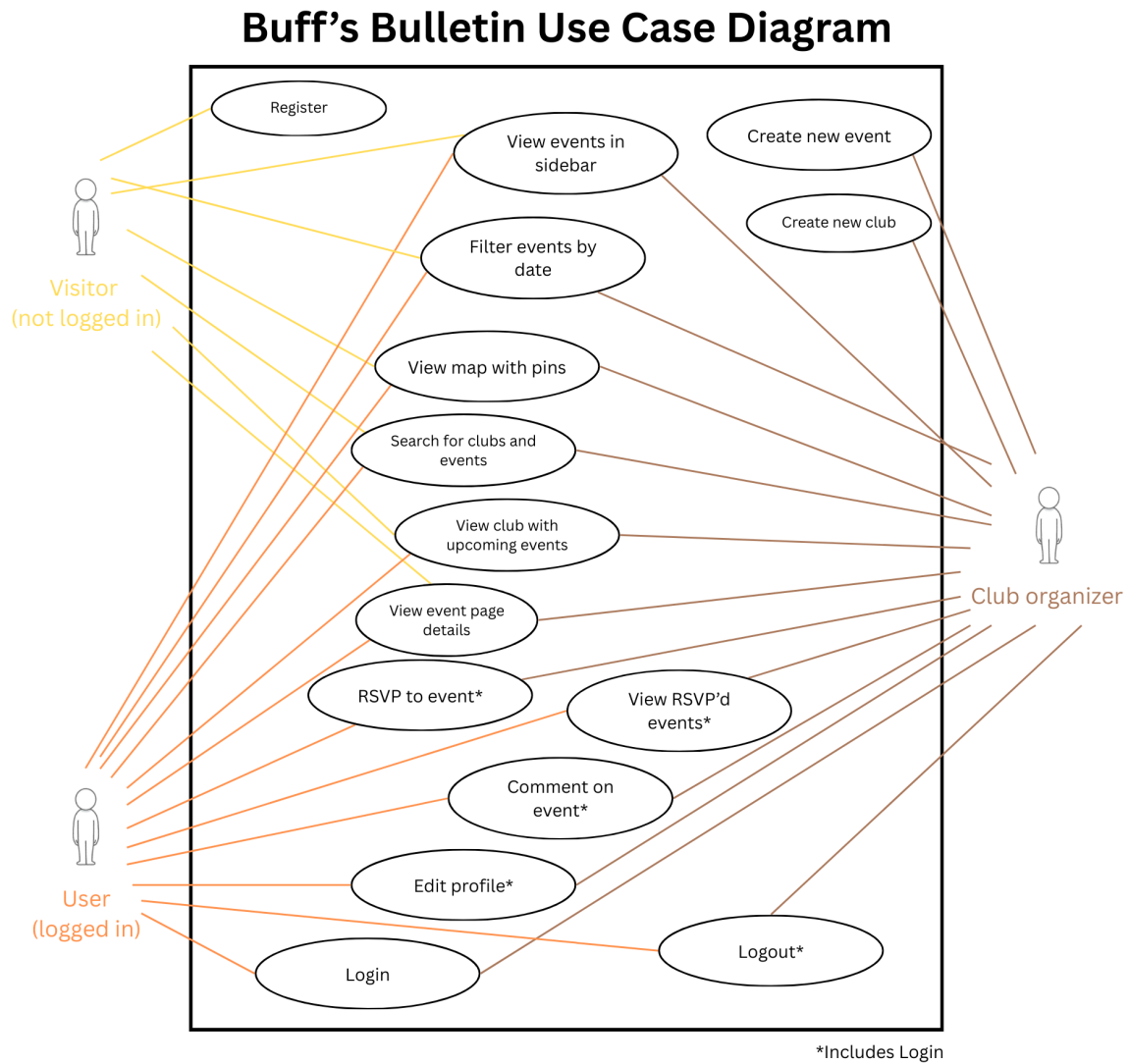
We will communicate primarily using 'Discord'. All of us are on a single server, and we will use this as the primary method of discussing the project. Within the server, we will each have our own individual channel where we can post small overviews of our contributions so other team members can tell exactly where we are at in the development process as well. In case of emergencies (needing to get in contact with someone urgently), we all have each other's phone numbers and can reach each other via those.

Meeting Plan

Team Meetings: We will meet with each other weekly on Tuesdays at 6:30 via Discord calls. This will allow us to share our screens and collaborate easily.

TA Meetings: We will meet with our TA Disha weekly on Wednesdays at 5PM via zoom (on Disha's Office Hours) to complete our SCRUM meetings.

Use Case Diagram



Wireframes

Register Page

Buff's Bulletin

Search By Event or Club

Sign Up

Login

Join Buff's Bulletin

See What's Happening around the CU Boulder campus.

Register

USERNAME

PASSWORD

ARE YOU AN ORGANIZER?

☐

REGISTER

CLUB NAME

CREATE CLUB IF NOT FOUND?

☐

Login Page

Buff's Bulletin

Search By Event or Club

Sign Up

Login

Buff's Bulletin

See What's Happening around the CU Boulder campus.

Login

USERNAME

PASSWORD

DON'T HAVE AN ACCOUNT? SIGN UP

LOGIN

Home Page

Buff's Bulletin

Search By Event or Club

Sign Up

Login

Upcoming Events

Filter By Date

Event Categories

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Map

New Event

Buff's Bulletin

Search By Event or Club

Sign Up

Login

My Account

Upcoming Events

Filter By Date

Event Categories

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Event Name

Location: Location

Hosted By: Club Name

Start Date - End Date

Map

New Event

EVENT NAME

START TIME

END TIME

EVENT ROOM NUMBER

EVENT DATE

EVENT LOCATION

EVENT DESCRIPTION

CREATE EVENT

CLOSE

My Profile

Buff's Bulletin

Search By Event or Club

My Account

Your Profile

PROFILE PICTURE

USERNAME

username

EDIT PROFILE

My Friends

Buff's Bulletin

Search By Event or Club

My Account

Search For New Friends

Enter Username

SEND FRIEND REQUEST

SHOW FRIEND REQUESTS

SHOW FRIENDS

Pending Friend Requests

INCOMING FRIEND REQUESTS

SENT FRIEND REQUESTS

Current Friends

CURRENT FRIEND

CURRENT FRIEND

CURRENT FRIEND

CURRENT FRIEND

My Events

Buff's Bulletin

Search By Event or Club

My Account

My Events

All events you have RSVP'd to

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Map Focus

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Map Focus

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Map Focus

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Map Focus

Search Results

Buff's Bulletin

Search By Event or Club

My Account

Results for Search

Search by Club

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Name

Description: Long Event Description

Hosted By: Club Name

Start Time - End Time

Room Number: Location

Location: Location

Event Page

Buff's Bulletin

Search By Event or Club

My Account

Location: Location

Room Number: Location

Start Time - End Time

Description

Long Event Description

RSVP

Leave a Comment

Your Comment Here

Post Comment

Comments

User: Comment Text

Anonymous: Comment Text

User: Comment Text

Anonymous: Comment Text

Event Attendees

RSVP'd User

RSVP'd User

RSVP'd User

RSVP'd User