

Event Create and Share

Part 2

Team

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Project Summary

A website has been developed where users can create and search for events. Example events include hiking, biking, reading books, watching movies and so on. Users who find events they are interested in may join the events. The user who created the event may ask for advice and request equipment required for the event. Users may also comment on events.

Project Requirements

Business Requirements		
ID	Requirements	Priority (5 the highest, 1 the lowest)
BR-01	User can login only with @colorado.edu account	5
User Requirements		
ID	Requirements	Priority
UR-01	As a user, I need to create an account so that I can use the system.	5
UR-02	As a user, I need a username and password to login the system so that I can create, search or join some events.	5
UR-03	As a user, I need to logout of my account when I finish working on the system.	5
UR-04	As a user, I need to update my account information so that I can change my first name, last name, phone number or password.	2
UR-05	As a user, I need to delete my account when I am not interested in using the system.	1

UR-06	As a user, I need to create an event so that I can find some people to join me in activities I am interested in.	5
UR-07	As a user, I need to join events created by other users so that I can participate in some interesting events.	5
UR-08	As a user, I need to look for events so I can find events I am interested in joining.	4
UR-09	As a user, I need to close an event that I have created so I can cancel an event due to problematic circumstances, such as heavy snowfall.	4
UR-10	As a user, I need to leave an event that I previously joined but cannot attend so the creator of the event has a more accurate count of who is attending and so people on the waiting list can join the event.	2
UR-11	As a user, I need to make comments for the event which I created or participated in so that I can give other users some tips about the event or equipment they need.	1
UR-12	As a user, I need to delete my own comments which I don't want other users to see.	1
UR-13	As a user, I need to check my profile so that I can get the information for myself.	4
UR-14	As an admin, I need to add some equipment so that users know what equipment is needed for a specific event.	4
UR-15	As an admin, I need to delete some equipment which users do not need anymore.	4

Functional Requirements

ID	Requirements	Priority
FR-01	The system should allow users to log in with their correct password and email.	5
FR-02	The web client shall provide an event template to help the user create a new event.	4
FR-03	The system should use a queue to hold the participants in the event.	3
FR-04	The web client should show a view for each user's profile and history of events.	4

FR-05	The web client should enable users to edit their profiles.	4
FR-06	The system should let users search for events and join them if they are interested.	5
Non-Functional Requirements		
ID	Requirements	Priority
NFR-01	Security: Passwords should be encoded with MD5 encoding to the database and back-end.	5
NFR-02	Performance: The website should load within 2 seconds.	3
NFR-03	Performance: The system should move to other pages from dashboard, like Create Event, within 2 second after a user clicks on the name of the page.	3
NFR-04	Performance: A user should see his/her dashboard within 2 seconds after logging in.	3
NFR-05	Usability: The website should be useable by a user of any experience level.	4
NFR-06	Supportability: If the website crashed, we should recover it within one day.	3

Data Storage

We use a class called DataManage to deal with the database operations. All data will be stored in Mysql database. The database will store information such as User, Event, Comment and Equipment. The data will be stored as tables in a database. The tables will be mapped to separate classes in Java.

The User table has information including emails, usernames, passwords and phone numbers of users. The Event table has information about the title, start time, end time, number of persons, the creator, event description and tags. The Comment table has information about comment detail and who is the user. The Equipment table has information about equipment names and descriptions.

Users and Tasks

The system will have two types of users. One type is an admin user who manages the website by adding new equipment, moderating comments or closing event. The other type of user is the

common user of the website. This kind of user can create new events and join events created by other users. These users can also comment and so on.

User Cases Diagram



User Cases

Use Case ID:	UC-01
Use Case Name:	Create Account
Description:	A user needs to create an account in order to be able to use the system. When the user clicks on sign up, the system will return a form that asks the user to enter their first name, last name, email address and password. Having @colorado.edu account is mandatory for making an account.

Actors:	User																			
Pre-Condition	The user needs to navigate to the main page of the system and click sign up.																			
Post-Condition	The system will create an account for the user and then the user can log in to the system and use it.																			
Frequency of Use:	Once																			
Flow of Event:	<table><tr><th></th><th>Actor Action</th><th>System Response</th></tr><tr><td>1.</td><td>User clicks Sign Up.</td><td>System navigates to sign up form.</td></tr><tr><td>2.</td><td>User enters information.</td><td></td></tr><tr><td>3.</td><td>User clicks on Submit.</td><td>System initiates to check if user entered required information.</td></tr><tr><td>4.</td><td></td><td>System checks if the account already exists</td></tr><tr><td>5.</td><td></td><td>System will create account for user if the account does not in system.</td></tr></table>			Actor Action	System Response	1.	User clicks Sign Up.	System navigates to sign up form.	2.	User enters information.		3.	User clicks on Submit.	System initiates to check if user entered required information.	4.		System checks if the account already exists	5.		System will create account for user if the account does not in system.
	Actor Action	System Response																		
1.	User clicks Sign Up.	System navigates to sign up form.																		
2.	User enters information.																			
3.	User clicks on Submit.	System initiates to check if user entered required information.																		
4.		System checks if the account already exists																		
5.		System will create account for user if the account does not in system.																		
Variations:	3. The system sends an error message if the user did not enter mandatory information or if the email of the user is not in the @colorado.edu domain. 4. If the account already exists in the system, the system will send an error message.																			
Notes and Issues:																				
Developer Notes:																				

Use Case ID:	UC-02
Use Case Name:	Login
Description:	User or Admin must login to their account to be able to use the system.

Actors:	User or Admin																
Pre-Condition	User or Admin needs to have an account.																
Post-Condition	User or Admin would be able to use the system with their account.																
Frequency of Use:	Once (When entering the website or logging out)																
Flow of Event:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>User clicks login</td><td>System navigates to Login page</td></tr> <tr> <td>2.</td><td>User enters email and password</td><td></td></tr> <tr> <td>3.</td><td>User clicks Login</td><td>System will receive the email and password and check whether there is an account matches these information.</td></tr> <tr> <td>4.</td><td></td><td>System will navigate to the users' dashboard</td></tr> </table>			Actor Action	System Response	1.	User clicks login	System navigates to Login page	2.	User enters email and password		3.	User clicks Login	System will receive the email and password and check whether there is an account matches these information.	4.		System will navigate to the users' dashboard
	Actor Action	System Response															
1.	User clicks login	System navigates to Login page															
2.	User enters email and password																
3.	User clicks Login	System will receive the email and password and check whether there is an account matches these information.															
4.		System will navigate to the users' dashboard															
Variations:	3. The system will return to the main page if the login information is incorrect and show an error message to the user.																
Notes and Issues:																	
Developer Notes:																	

Use Case ID:	UC-03
Use Case Name:	Logout
Description:	User / Admin Logout from their account

Actors:	User / Admin							
Pre-Condition	Login to the account.							
Post-Condition	User will logout from their account and the system navigates to the main page.							
Frequency of Use:	Once after login							
Flow of Event:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1.</td><td>User clicks logout</td><td>System logs out from user's account and then will navigate to the main page of the system</td></tr> </tbody> </table>			Actor Action	System Response	1.	User clicks logout	System logs out from user's account and then will navigate to the main page of the system
	Actor Action	System Response						
1.	User clicks logout	System logs out from user's account and then will navigate to the main page of the system						
Variations:								
Notes and Issues:								
Developer Notes:								

Use Case ID:	UC-04
Use Case Name:	Edit Profile
Description:	The user needs to edit their profile information like first name, last name, phone number or password.

Actors:	User																	
Pre-Condition	The user needs to have an account and login to it and go to the edit profile page.																	
Post-Condition	The user edits their profile.																	
Frequency of Use:	Rare																	
Flow of Event:	<table><tr><td></td><td>Actor Action</td><td>System Response</td></tr><tr><td>1.</td><td>User clicks on Edit Profile.</td><td>System will return the user's profile as a form to help user to edit it.</td></tr><tr><td>2.</td><td>User updates the profile information.</td><td></td></tr><tr><td>3.</td><td>User clicks on Submit</td><td>System checks user's password.</td></tr><tr><td>4.</td><td></td><td>System will update user information if password is correct.</td></tr></table>				Actor Action	System Response	1.	User clicks on Edit Profile.	System will return the user's profile as a form to help user to edit it.	2.	User updates the profile information.		3.	User clicks on Submit	System checks user's password.	4.		System will update user information if password is correct.
	Actor Action	System Response																
1.	User clicks on Edit Profile.	System will return the user's profile as a form to help user to edit it.																
2.	User updates the profile information.																	
3.	User clicks on Submit	System checks user's password.																
4.		System will update user information if password is correct.																
Variations:	3. If the password is wrong, the system will send an error message.																	
Notes and Issues:																		
Developer Notes:																		

Use Case ID:	UC-05
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Use Case Name:	Delete Account
Description:	The user deletes their account.

Actors:	User													
Pre-Condition	The user needs to have an account and login to it and be in the user dashboard.													
Post-Condition	The account of the user will be removed from the system.													
Frequency of Use:	Once after creating an account													
Flow of Event:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>User clicks on Delete Account icon.</td><td>System closes events created by the user.</td></tr> <tr> <td>2.</td><td></td><td>System makes user to leave all attended events.</td></tr> <tr> <td>3.</td><td></td><td>System deletes the account.</td></tr> </table>			Actor Action	System Response	1.	User clicks on Delete Account icon.	System closes events created by the user.	2.		System makes user to leave all attended events.	3.		System deletes the account.
	Actor Action	System Response												
1.	User clicks on Delete Account icon.	System closes events created by the user.												
2.		System makes user to leave all attended events.												
3.		System deletes the account.												
Variations:														
Notes and Issues:														
Developer Notes:														

Use Case ID:	UC-06
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Use Case Name:	Create Event
Description:	The user creates an event. The user clicks on Create Event in the user dashboard. Then the system will navigate the user to the event form. The user needs to enter the event name, description, set start and end time and the minimum and maximum number of participant of the event. Participants of the event can be set as unlimited. The user can also select what equipment participants need for the event.

Actors:	User													
Pre-Condition	The user needs to have an account, login to it, and navigate to the user dashboard.													
Post-Condition	The user will create an event and the system will post the event. Then the event would be available to other users. The creator of the event can close the event, edit the number of participant, and add or remove equipment for the event.													
Frequency of Use:	Regularly.													
Flow of Event:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1.</td><td>User clicks on Create Event icon.</td><td>System will navigate to the event form.</td></tr> <tr> <td>2.</td><td>User enters event information in the event form</td><td></td></tr> <tr> <td>3.</td><td>User click on submit</td><td>System creates event.</td></tr> </tbody> </table>			Actor Action	System Response	1.	User clicks on Create Event icon.	System will navigate to the event form.	2.	User enters event information in the event form		3.	User click on submit	System creates event.
	Actor Action	System Response												
1.	User clicks on Create Event icon.	System will navigate to the event form.												
2.	User enters event information in the event form													
3.	User click on submit	System creates event.												
Variations:														
Notes and Issues:														
Developer Notes:														

Use Case ID:	UC-07
Use Case Name:	Join Event

Description:	The system let users join any event which are interesting the users.
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Actors:	User														
Pre-Condition	The user needs to have account, login to it, and navigate to the user dashboard. The user needs to search for events, find an interesting event in the system, go to the event page and check if there is room to join the event.														
Post-Condition	The user will be added to the event.														
Frequency of Use:	Regularly														
Flow of Event:	<table><tr><td></td><td>Actor Action</td><td>System Response</td></tr><tr><td>1.</td><td>User clicks on Join icon.</td><td>System checks if there is available room in the event.</td></tr><tr><td>2.</td><td></td><td>System will add user to the event if there is an available room.</td></tr><tr><td>3.</td><td></td><td>System show that event on the user's dashboard.</td></tr></table>				Actor Action	System Response	1.	User clicks on Join icon.	System checks if there is available room in the event.	2.		System will add user to the event if there is an available room.	3.		System show that event on the user's dashboard.
	Actor Action	System Response													
1.	User clicks on Join icon.	System checks if there is available room in the event.													
2.		System will add user to the event if there is an available room.													
3.		System show that event on the user's dashboard.													
Variations:	1. If there is no available room in the event fo ther user to join, the system will send an error message back.														
Notes and Issues:															
Developer Notes:															

Use Case ID:	UC-08
Use Case Name:	Search Event

Description:	The user/admin can search all events including past events and available events on the system.
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Actors:	User / Admin													
Pre-Condition	The user needs to have account, login to it, and navigate to the user dashboard. Then clicks on Search icon.													
Post-Condition	The user will see list of available events in the system.													
Frequency of Use:	Regularly.													
Flow of Event:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>User clicks Search icon.</td><td>System will return tag list to user.</td></tr> <tr> <td>2.</td><td>User can select some tags from the tag list.</td><td>System matches the chosen tag to the event.</td></tr> <tr> <td>3.</td><td></td><td>System will show event to the user.</td></tr> </table>			Actor Action	System Response	1.	User clicks Search icon.	System will return tag list to user.	2.	User can select some tags from the tag list.	System matches the chosen tag to the event.	3.		System will show event to the user.
	Actor Action	System Response												
1.	User clicks Search icon.	System will return tag list to user.												
2.	User can select some tags from the tag list.	System matches the chosen tag to the event.												
3.		System will show event to the user.												
Variations:														
Notes and Issues:														
Developer Notes:														

Use Case ID:	UC-09
Use Case Name:	Close Event

Description:	A user who creates an event or admin can close the event with some reasons like bad weather or unforeseen circumstances.
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Actors:	User (Creator) / Admin													
Pre-Condition	The user must be the creator of the event and navigate to the event page that need to be closed.													
Post-Condition	The event will be closed and users who had joined the event will receive the closing event message and any reasons for closing the event.													
Frequency of Use:	Rare.													
Flow of Event:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1.</td><td>User clicks on Close Event icon.</td><td>System initiate closing of the event.</td></tr> <tr> <td>2.</td><td></td><td>System will check the user has the authority to close the event. And if the use has, system will return a form for user to write reasons for closing the event.</td></tr> <tr> <td>3.</td><td>User or admin enters reason of closing of the event.</td><td>System will close the event. And System will send message and reason of closing of event to participants of the event.</td></tr> </tbody> </table>			Actor Action	System Response	1.	User clicks on Close Event icon.	System initiate closing of the event.	2.		System will check the user has the authority to close the event. And if the use has, system will return a form for user to write reasons for closing the event.	3.	User or admin enters reason of closing of the event.	System will close the event. And System will send message and reason of closing of event to participants of the event.
	Actor Action	System Response												
1.	User clicks on Close Event icon.	System initiate closing of the event.												
2.		System will check the user has the authority to close the event. And if the use has, system will return a form for user to write reasons for closing the event.												
3.	User or admin enters reason of closing of the event.	System will close the event. And System will send message and reason of closing of event to participants of the event.												
Variations:	2. The system checks if the user is the creator of the event or an admin. The system returns an error if the user is not the creator or admin.													
Notes and Issues:														
Developer Notes:														

Use Case ID:	UC-10
Use Case Name:	Leave Event

Description:	The user can leave an event they did not create with no reason.
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Actors:	User (Participant)										
Pre-Condition	The user joined an event.										
Post-Condition	The user will be removed from the event. The system will permit another user to participate in the event.										
Frequency of Use:	Regularly.										
Flow of Event:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>User (participant) clicks on the event they want to leave.</td><td>System navigates to the event page.</td></tr> <tr> <td>2.</td><td>User clicks on Leave Event icon.</td><td>System removes the user from the event.</td></tr> </table>			Actor Action	System Response	1.	User (participant) clicks on the event they want to leave.	System navigates to the event page.	2.	User clicks on Leave Event icon.	System removes the user from the event.
	Actor Action	System Response									
1.	User (participant) clicks on the event they want to leave.	System navigates to the event page.									
2.	User clicks on Leave Event icon.	System removes the user from the event.									
Variations:	2. If the user is not the participant of this event, the system will send an error message back.										
Notes and Issues:											
Developer Notes:											

Use Case ID:	UC-11
Use Case Name:	Make Comments

Description:	If the user is a creator or participant of an event, they can make comments for the event.
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Actors:	User													
Pre-Condition	The user has logged in the system and has created or joined an event.													
Post-Condition	The user clicks create a comment to make a new comment in one event. Other users can see this comment in this event page.													
Frequency of Use:	Regularly													
Flow of Event:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>User clicks new comment button.</td><td>System gives back an empty comment form.</td></tr> <tr> <td>2.</td><td>User enters comment for the event and submits</td><td></td></tr> <tr> <td>3.</td><td></td><td>System checks if required information entered, if not send error message. If all the information is correct, the system will create a new comment in this event.</td></tr> </table>			Actor Action	System Response	1.	User clicks new comment button.	System gives back an empty comment form.	2.	User enters comment for the event and submits		3.		System checks if required information entered, if not send error message. If all the information is correct, the system will create a new comment in this event.
	Actor Action	System Response												
1.	User clicks new comment button.	System gives back an empty comment form.												
2.	User enters comment for the event and submits													
3.		System checks if required information entered, if not send error message. If all the information is correct, the system will create a new comment in this event.												
Variations:														
Notes and Issues:														
Developer Notes:														

Use Case ID:	UC-12
Use Case Name:	Delete Comments

Description:	The user can delete their own comments. However, a user cannot delete another user's comments. An admin can delete any comment.
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Actors:	User or Admin								
Pre-Condition	The user or admin has logged in the system, is in the event page and wants to delete this comment.								
Post-Condition	The user/admin clicks delete a comment to delete a comment from the event. If successful, this comment will not show in the event page.								
Frequency of Use:	Regularly								
Flow of Event:	<table><tr><td></td><td>Actor Action</td><td>System Response</td></tr><tr><td>1.</td><td>User/Admin chooses one comment and clicks delete comment button.</td><td>System will check if this user has logged in and has the permissions to delete this comment. If not, the system sends an error message and returns to the event page. If the user/admin has permissions to delete the comment, the system will delete the comment.</td></tr></table>				Actor Action	System Response	1.	User/Admin chooses one comment and clicks delete comment button.	System will check if this user has logged in and has the permissions to delete this comment. If not, the system sends an error message and returns to the event page. If the user/admin has permissions to delete the comment, the system will delete the comment.
	Actor Action	System Response							
1.	User/Admin chooses one comment and clicks delete comment button.	System will check if this user has logged in and has the permissions to delete this comment. If not, the system sends an error message and returns to the event page. If the user/admin has permissions to delete the comment, the system will delete the comment.							
Variations:									
Notes and Issues:									
Developer Notes:									

Use Case ID:	UC-13
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Use Case Name:	Check Profile
Description:	The user can check their profile via the main page. This is the user's personal page about their profile and event history.

Actors:	User							
Pre-Condition	The user has successfully logged into the website.							
Post-Condition	The user clicks on the check profile button and gets information about their profile and event history.							
Frequency of Use:	Regularly							
Flow of Event:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1.</td><td>User clicks profile button.</td><td>System gets the personal information of this user including email, phone number and name. Also the system gets the event history of this user and merges these results and send it back to user.</td></tr> </tbody> </table>			Actor Action	System Response	1.	User clicks profile button.	System gets the personal information of this user including email, phone number and name. Also the system gets the event history of this user and merges these results and send it back to user.
	Actor Action	System Response						
1.	User clicks profile button.	System gets the personal information of this user including email, phone number and name. Also the system gets the event history of this user and merges these results and send it back to user.						
Variations:								
Notes and Issues:								
Developer Notes:								

Use Case ID:	UC-14
Use Case Name:	Add Equipment

Description:	The admin can add equipment which will be used for event.
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Actors:	Admin		
Pre-Condition	The admin needs to navigate to the main page of the system and has logged in the system.		
Post-Condition	The admin adds new equipment in the system. The next time the user wants to create an event, they can see that the equipment list has a new equipment to choose.		
Frequency of Use:	Regularly		
Flow of Event:			
		Actor Action	System Response
	1.	Admin clicks add equipment button	System gives back an empty equipment form.
	2.	Admin enters the information of the equipment and submits	System will check if this user is admin, if not send a error message. If the user is admin, continue to next step.
	3.		System checks if required information entered, if not send error message. If all the information is correct, the system will create a new equipment.
Variations:			
Notes and Issues:			
Developer Notes:			

Use Case ID:	UC-15
Use Case Name:	Delete Equipment

Description:	The admin can delete equipment.
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Actors:	Admin							
Pre-Condition	The admin needs to navigate to the main page of the system and has logged into the system. Also the admin should go to the page for equipment.							
Post-Condition	The admin deletes an equipment in the system. The next time the user wants to create an event, they cannot see this equipment in the equipment list.							
Frequency of Use:	Rare							
Flow of Event:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Admin clicks delete equipment button</td><td>System will check if this user is admin, if not sends an error message. If the user is admin, the system will delete the equipment and sends a successful message back.</td></tr> </tbody> </table>			Actor Action	System Response	1.	Admin clicks delete equipment button	System will check if this user is admin, if not sends an error message. If the user is admin, the system will delete the equipment and sends a successful message back.
	Actor Action	System Response						
1.	Admin clicks delete equipment button	System will check if this user is admin, if not sends an error message. If the user is admin, the system will delete the equipment and sends a successful message back.						
Variations:								
Notes and Issues:								
Developer Notes:								

Activity Diagrams

Creator: Shen Huang

Use Case ID: UC04-Edit Profile, UC11-Make Comments, UC12-Delete Comments, UC13-Check Profile.

Creator: Yan Li

Use Case ID: UC05-Delete Account, UC-07 Join Event, UC-08 Search Event, UC-10 Leave Event

Creator: Amir Kashipazha

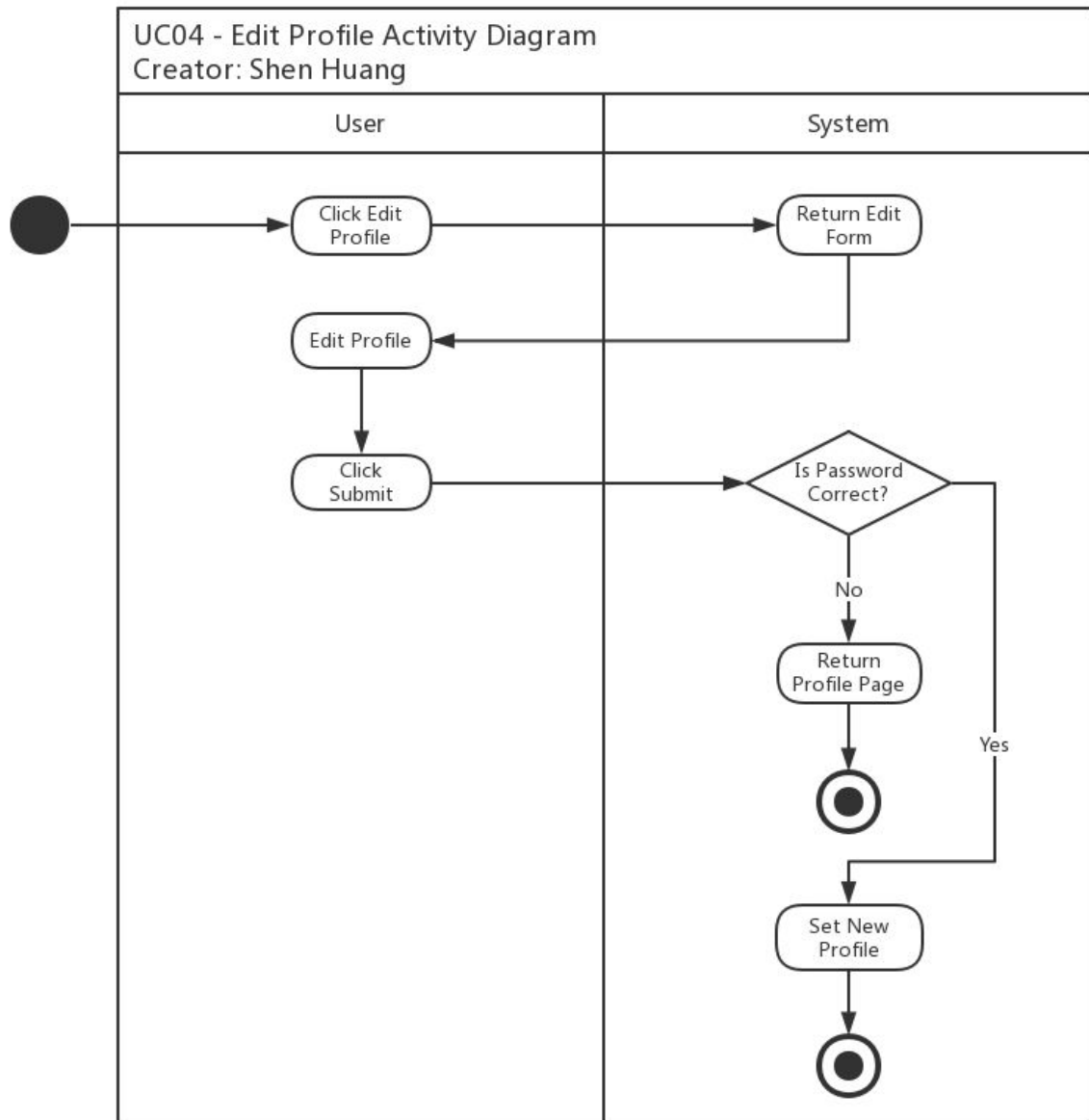
Use Case ID: UC01-Create Account, UC06 Create Event, UC09 Close Event

Requirement ID: UR-04 Edit Profile

Use Case ID: UC 04 Edit Profile

Description: User can click on Edit Profile to edit account information.

Creator: Shen Huang

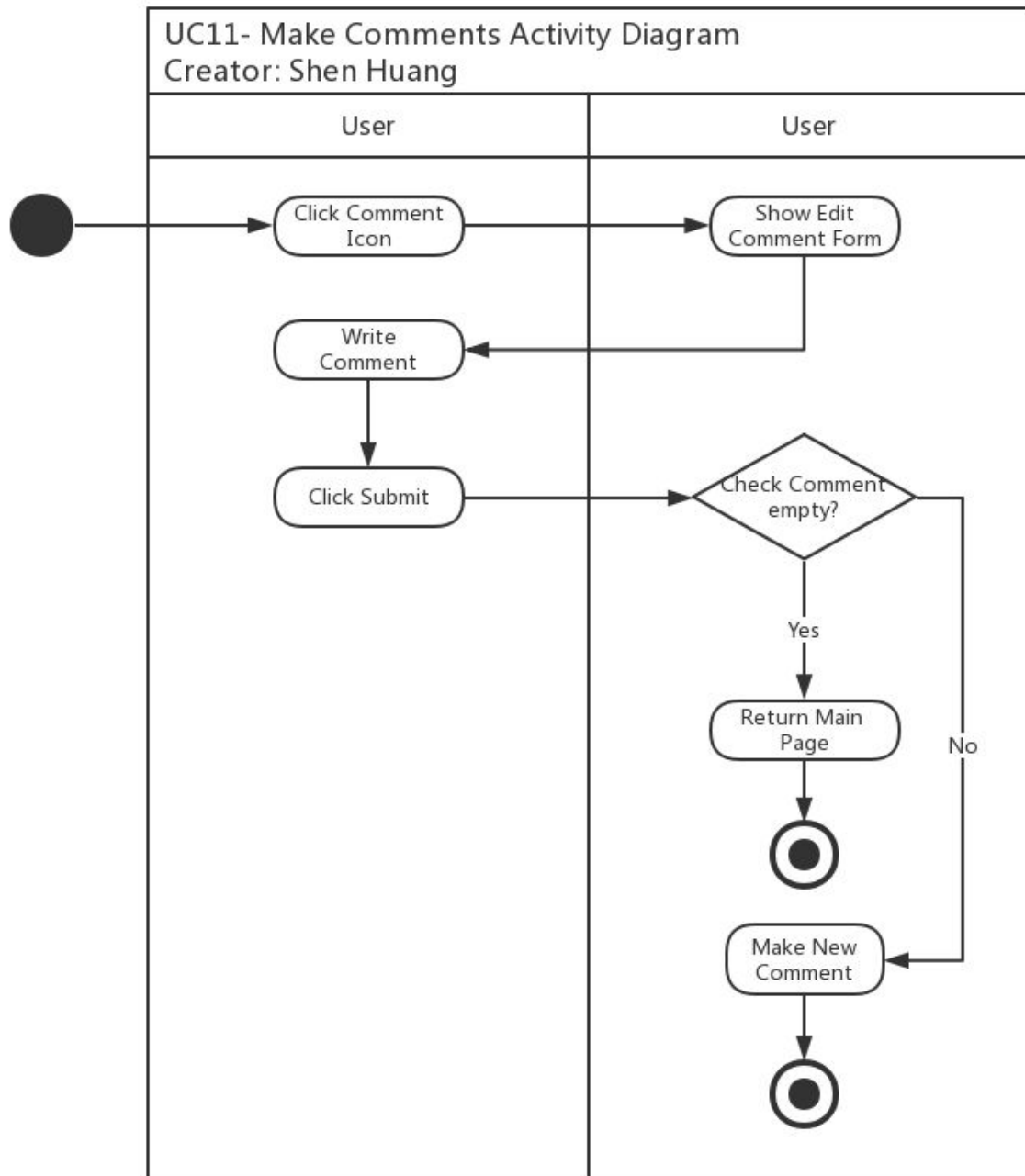


Requirement ID: UR-11

Use Case ID: UC 11 Make Comments

Description: If the user is a creator or participant of an event, they can make comments for the event.

Creator: Shen Huang

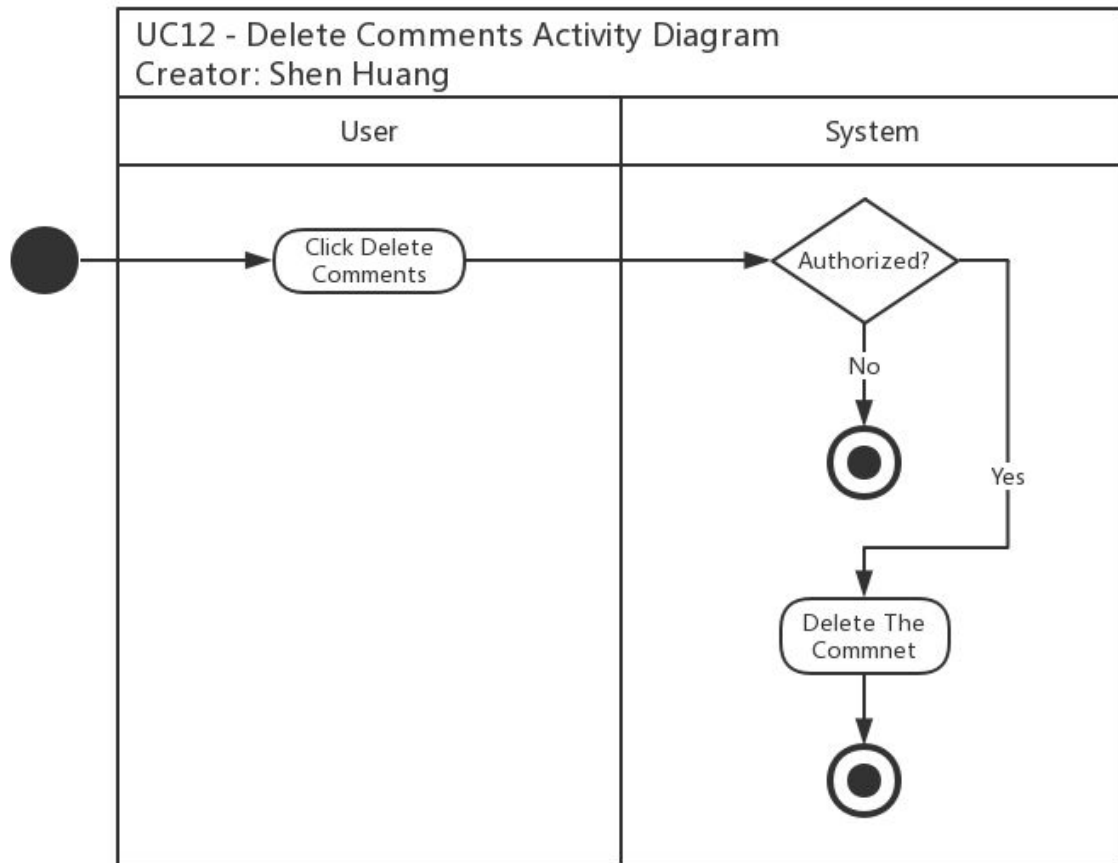


Requirement ID: UR-12

Use Case ID: UC 12 Delete Comments

Description: The user can delete their own comments. However, a user cannot delete another user's comments. An admin can delete any comment.

Creator: Shen Huang

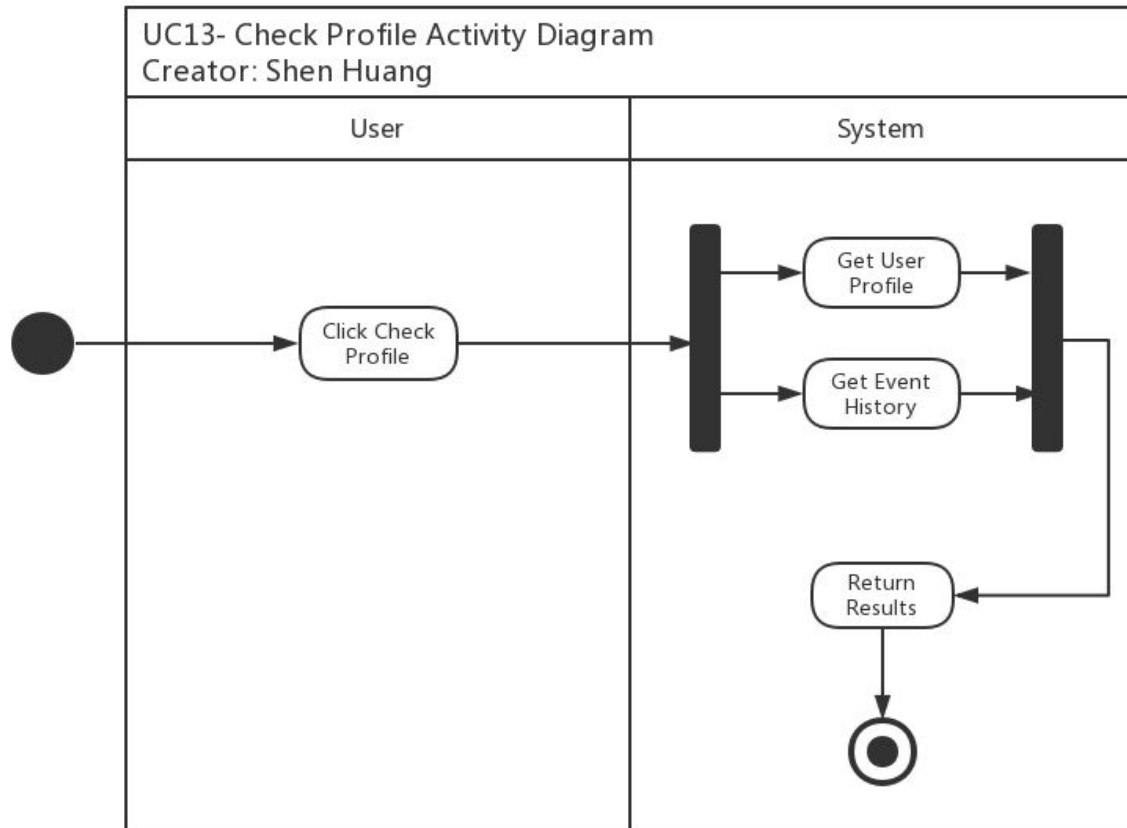


Requirement ID: UR-13

Use Case ID: UC 13 Check Profile

Description: User can check their profile via home page. This is the user's personal page about their profile and event history.

Creator: Shen Huang

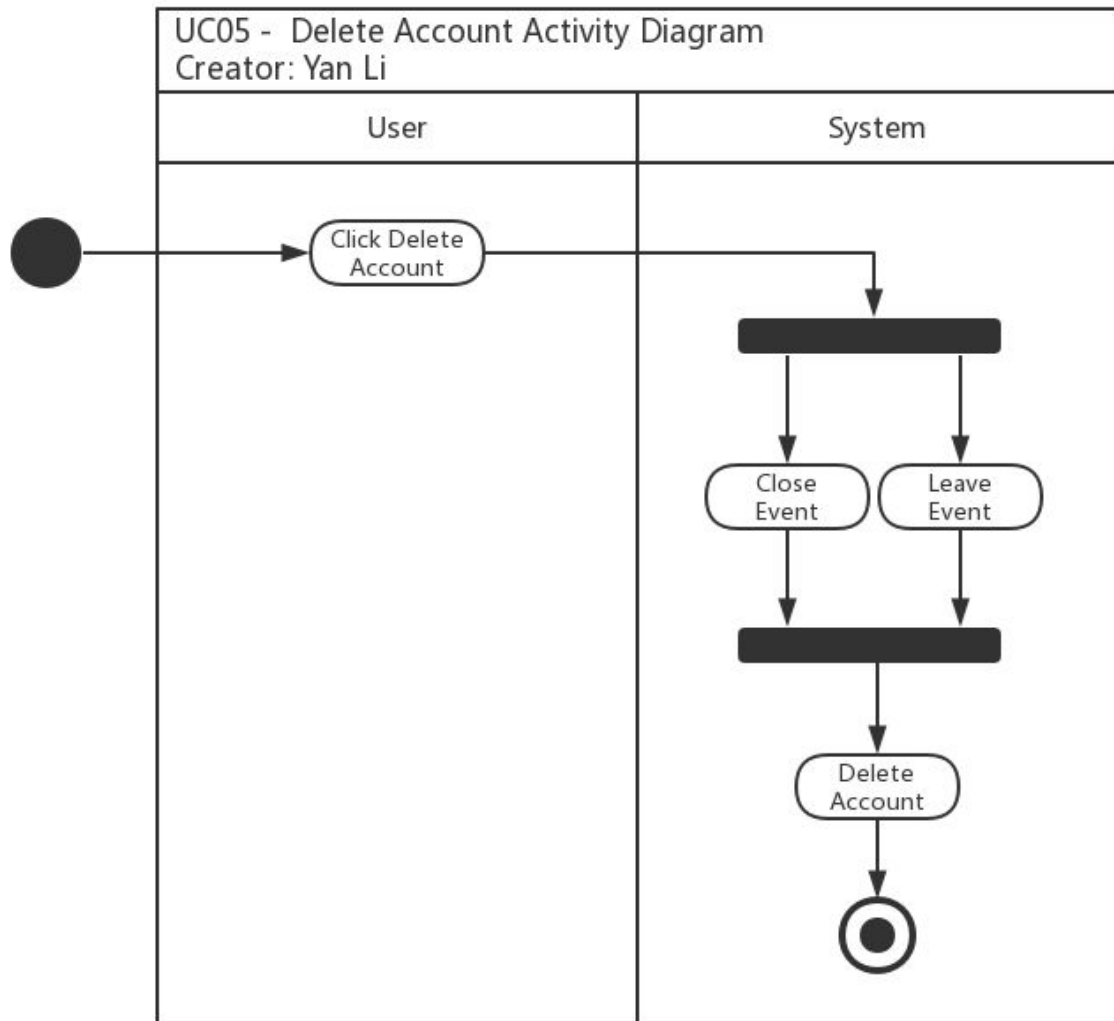


Requirement ID: UR-05 Delete Account

Use Case ID: UC 05 Delete Account

Description: User can click on Delete Account to delete the created account

Creator: Yan Li

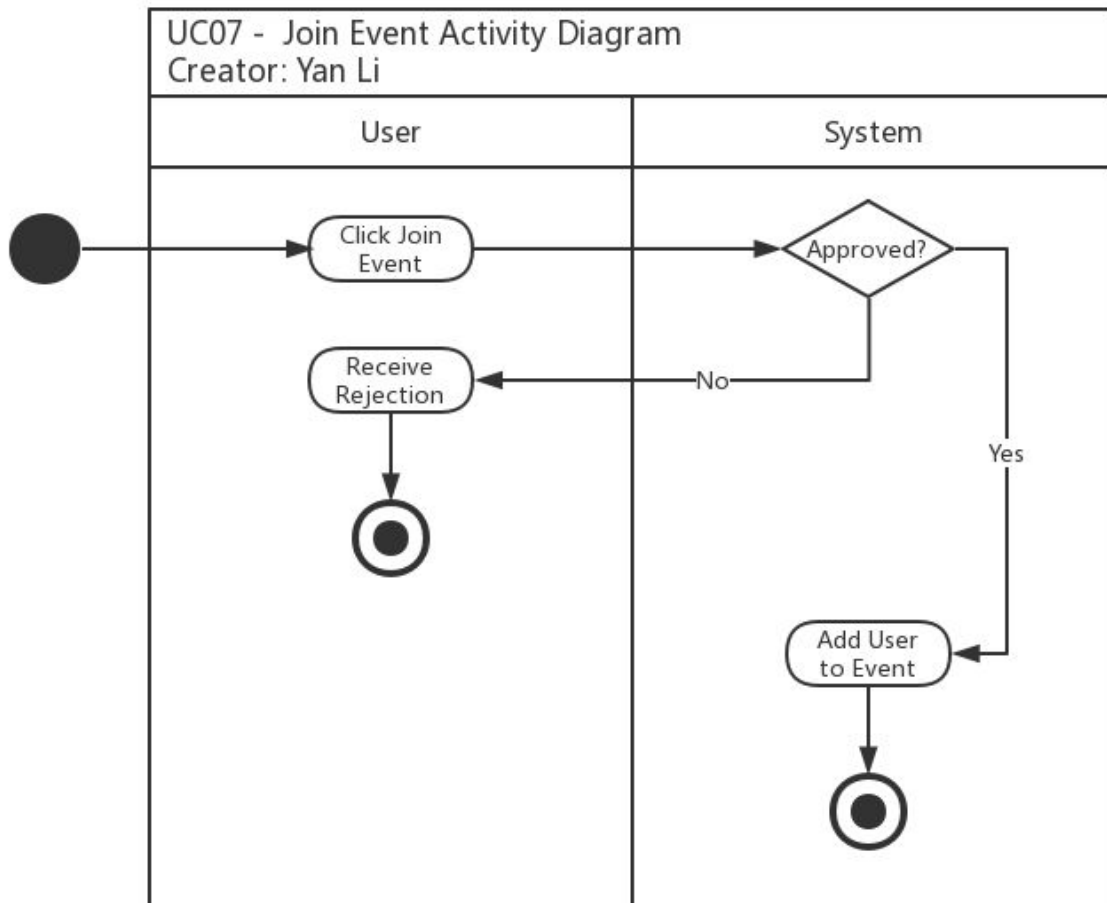


Requirement ID: UR-07 Join Event

Use Case ID: UC 07 Join Event

Description: User can click on Join to join in an available event.

Creator: Yan Li

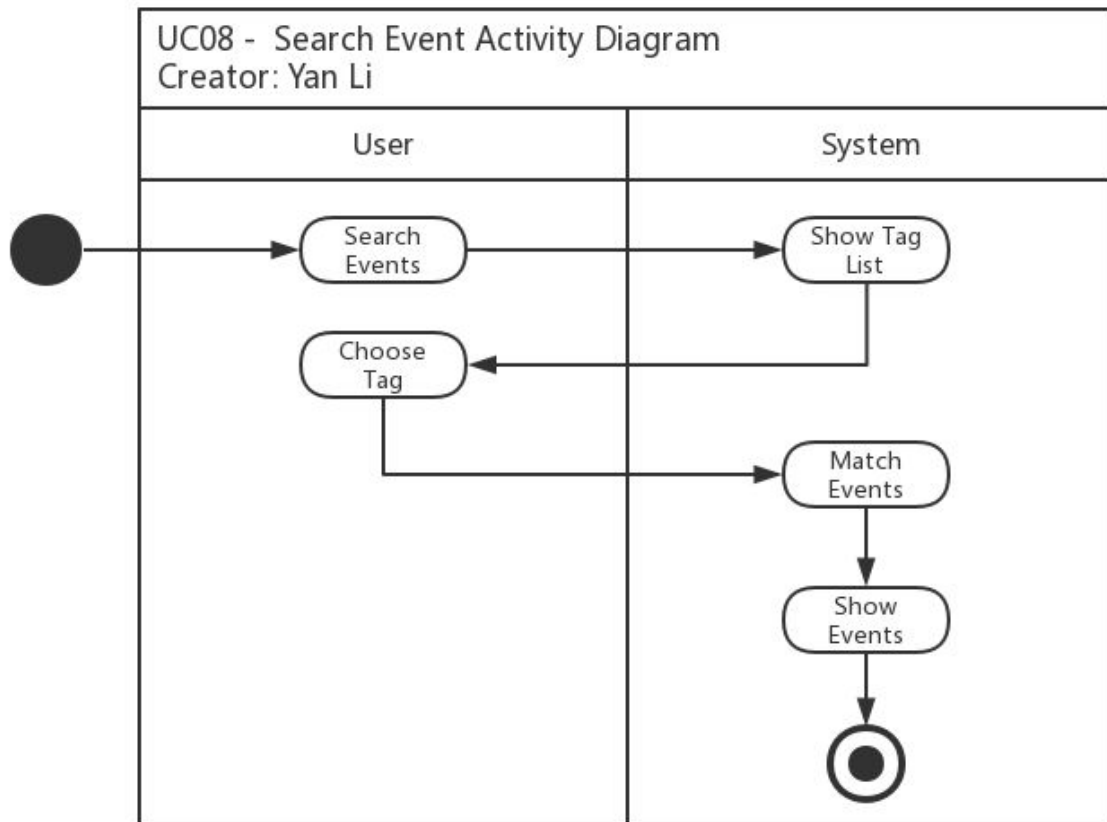


Requirement ID: UR-08 Search Event

Use Case ID: UC 08 Search Event

Description: User can click on Search Event to look for events.

Creator: Yan Li

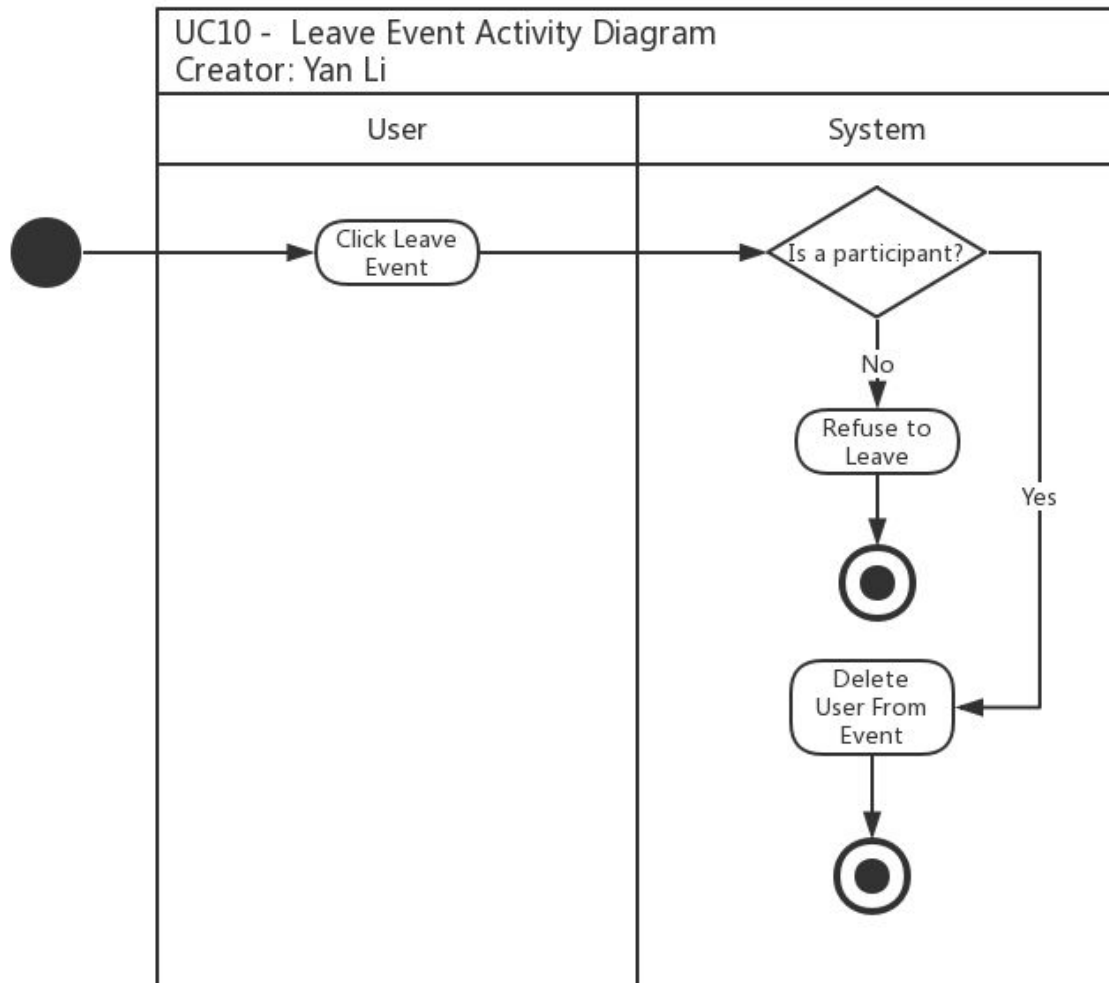


Requirement ID: UR-10 Leave Event

Use Case ID: UC 10 Leave Event

Description: User who joined in an event can click on Leave Event to leave the event

Creator: Yan Li

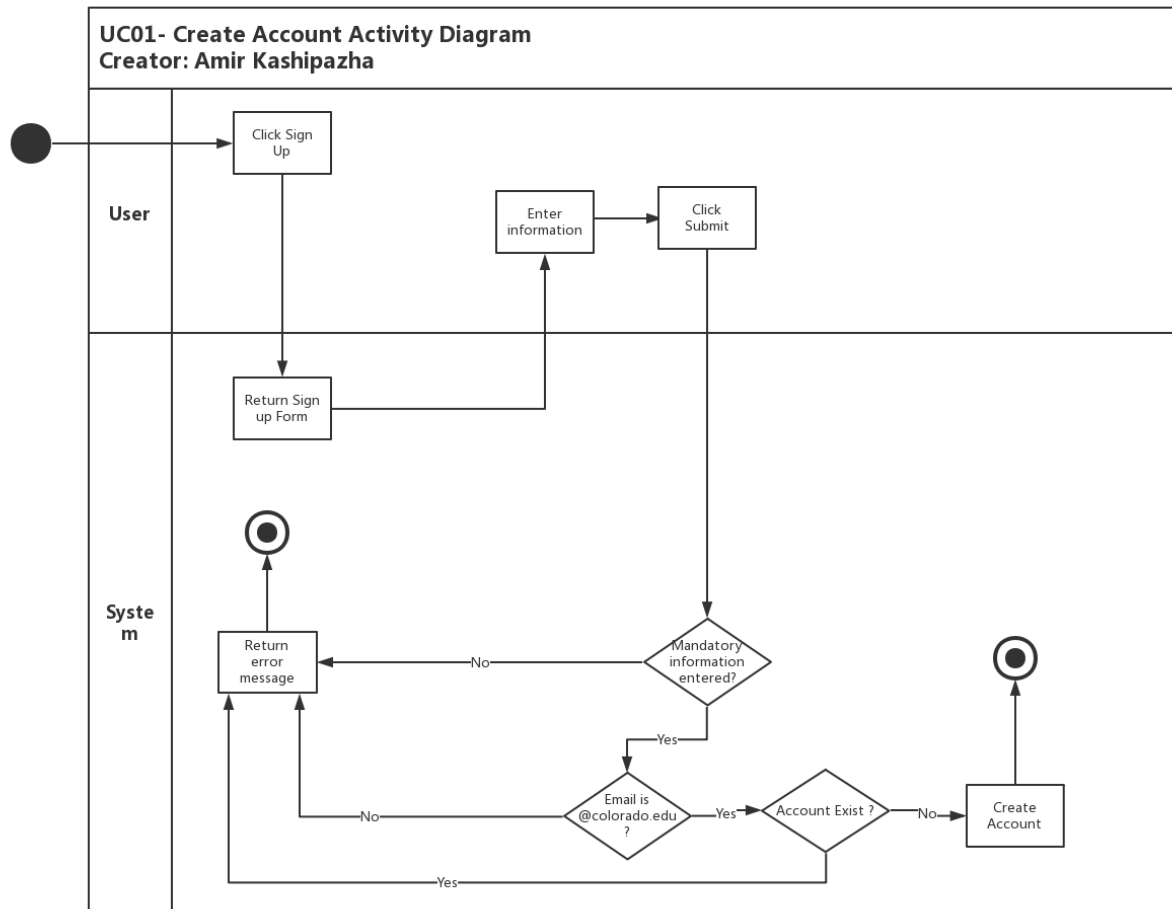


Requirement ID: UR-01 Create Account

Use Case ID: UC01 Create Account

Description: User creates a personal account in order to use the system

Creator: Amir Kashipazha

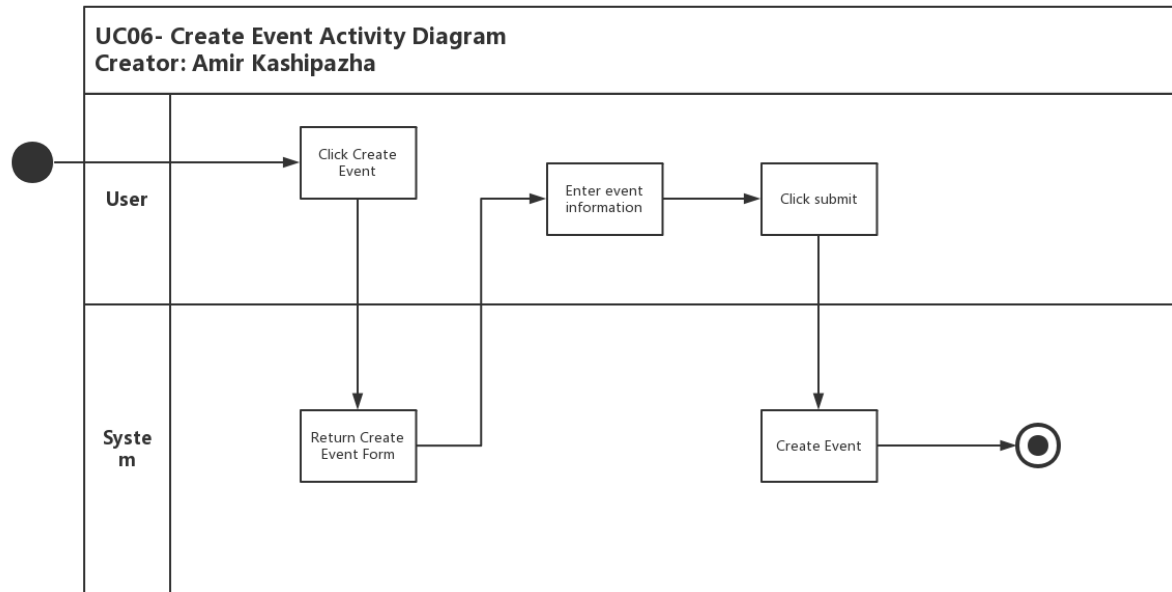


Requirement iD: UR-06 Create Event

Use Case ID: UC06 Create Event

Description: User creates event to find people who are interested to join that event

Creator: Amir Kashipazha

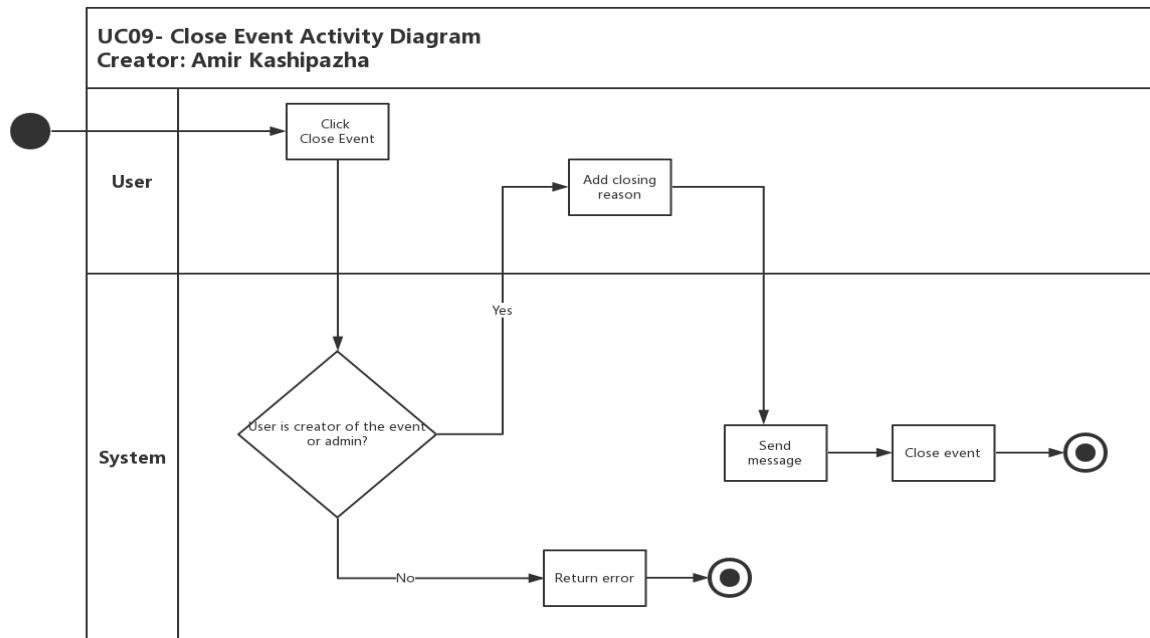


Requirement ID: UR-09 Close Event

Use Case ID: UC09 Close Event

Description: User closes and event because of unpredicted condition like heavy snowfall

Creator: Amir Kashipazha



User Interactions

Creator: Shen Huang

Use Case ID: UC04-Edit Profile, UC11-Make Comments, UC12-Delete Comments, UC13-Check Profile.

Creator: Yan Li

Use Case ID: UC05-Delete Account, UC-07 Join Event, UC-08 Search Event, UC-10 Leave Event

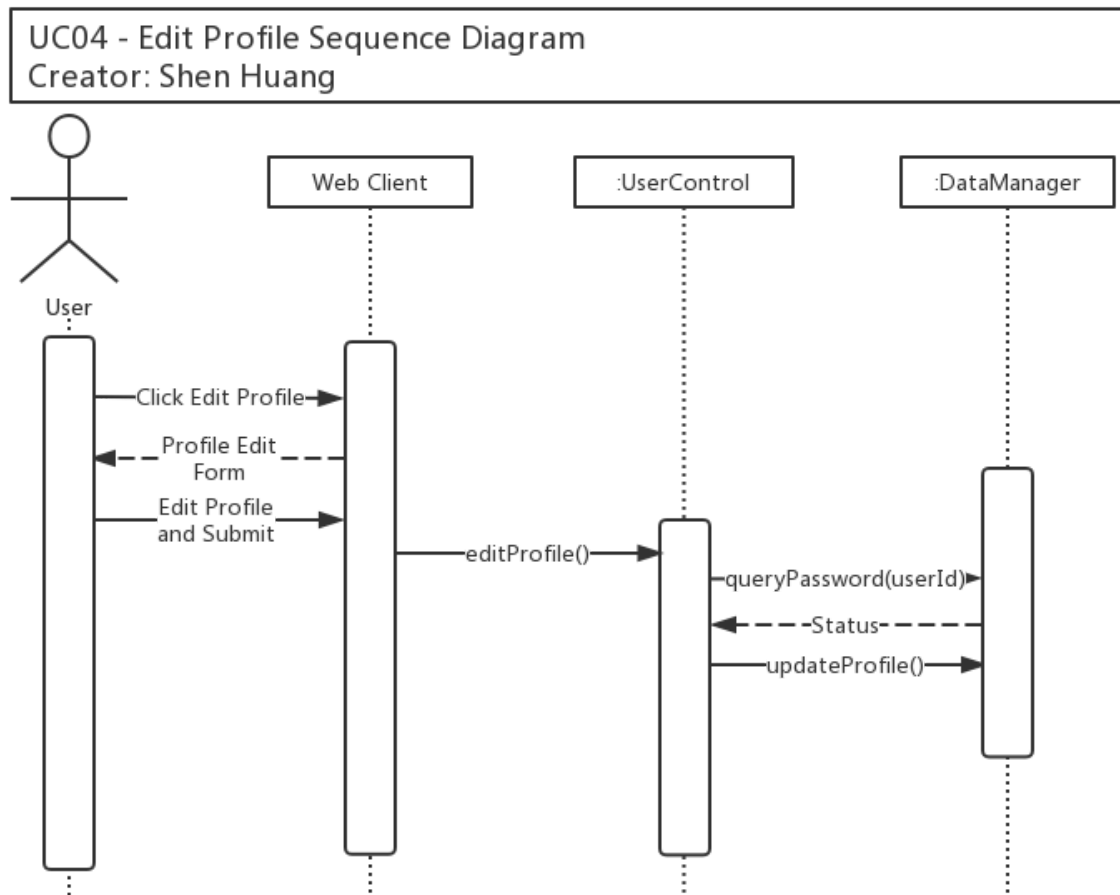
Creator: Amir Kashipazha

Use Case ID: UC01-Create Account, UC06 Create Event, UC09 Close Event

Requirement ID: UR-04 Edit Profile

Use Case ID: UC 04 Edit Profile

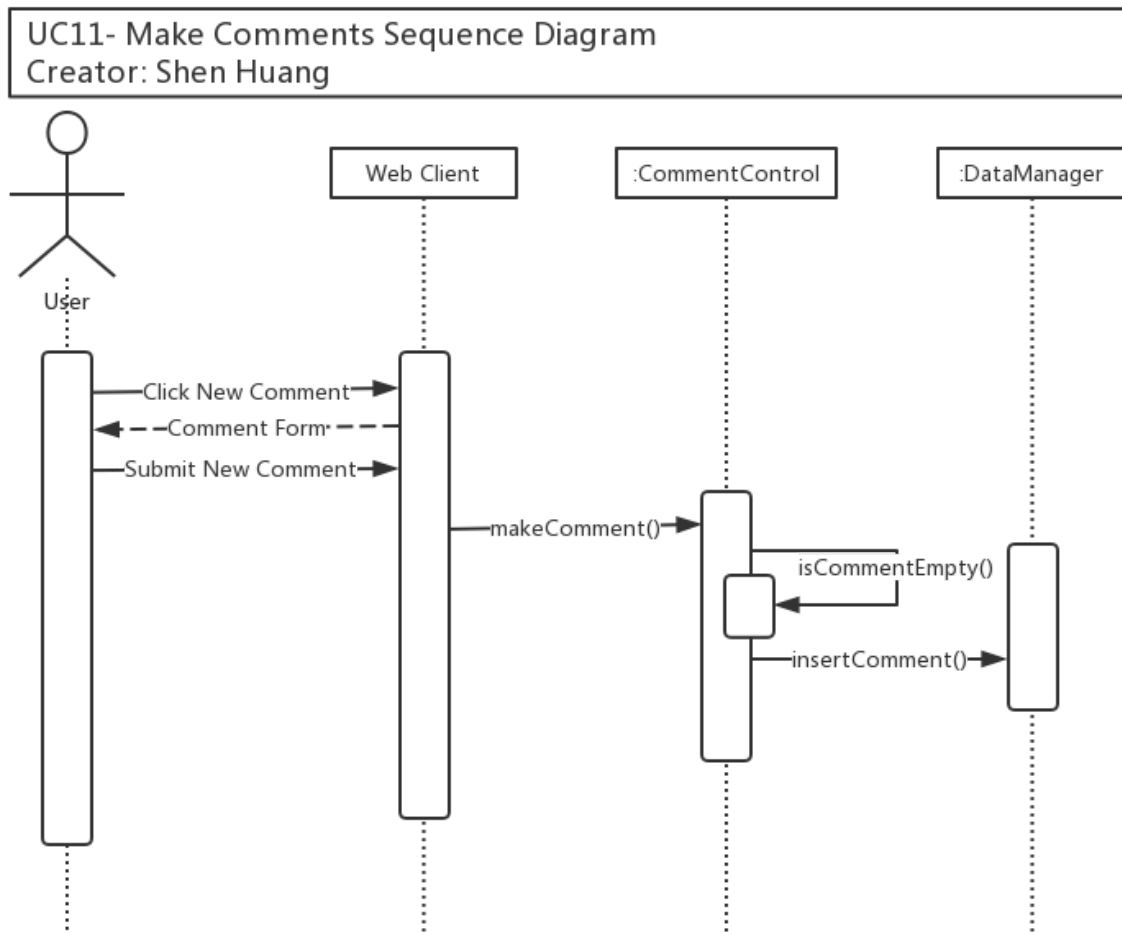
Description: User can click on Edit Profile to edit account information.
Creator: Shen Huang



Use Case ID: UC 11 Make Comments

Description: If the user is a creator or participant of an event, they can make comments for the event.

Creator: Shen Huang

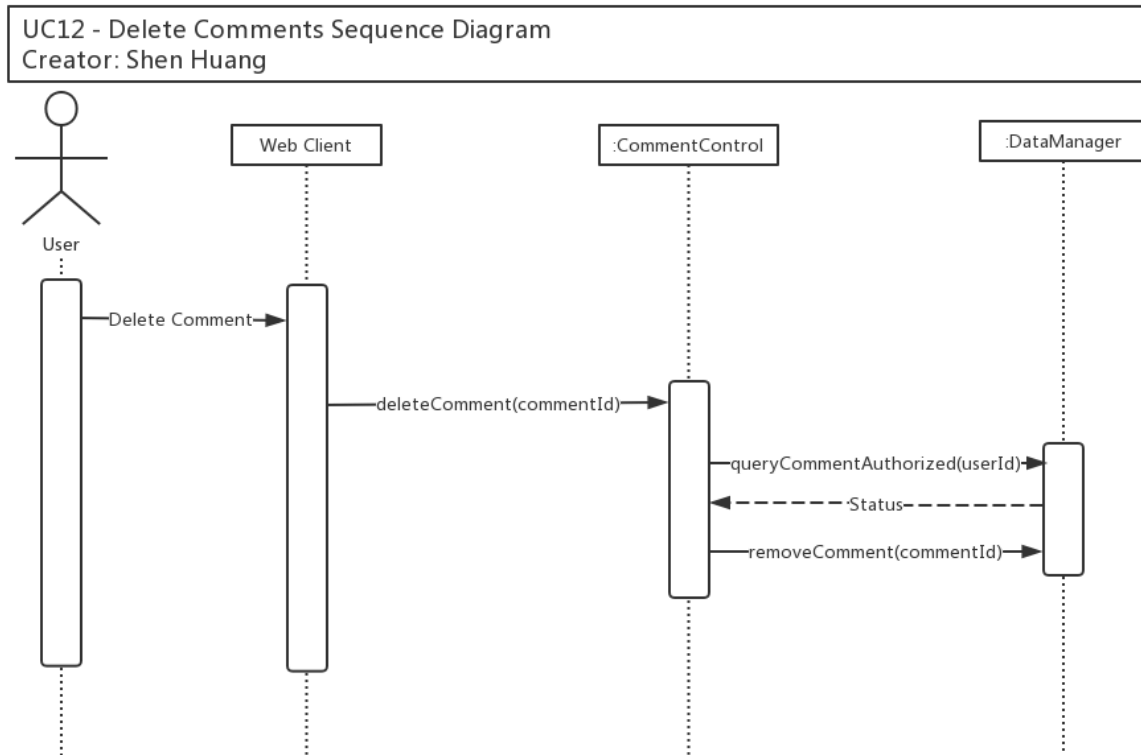


Requirement ID: UR-12

Use Case ID: UC 12 Delete Comments

Description: The user can delete their own comments. However, a user cannot delete another user's comments. An admin can delete any comment.

Creator: Shen Huang

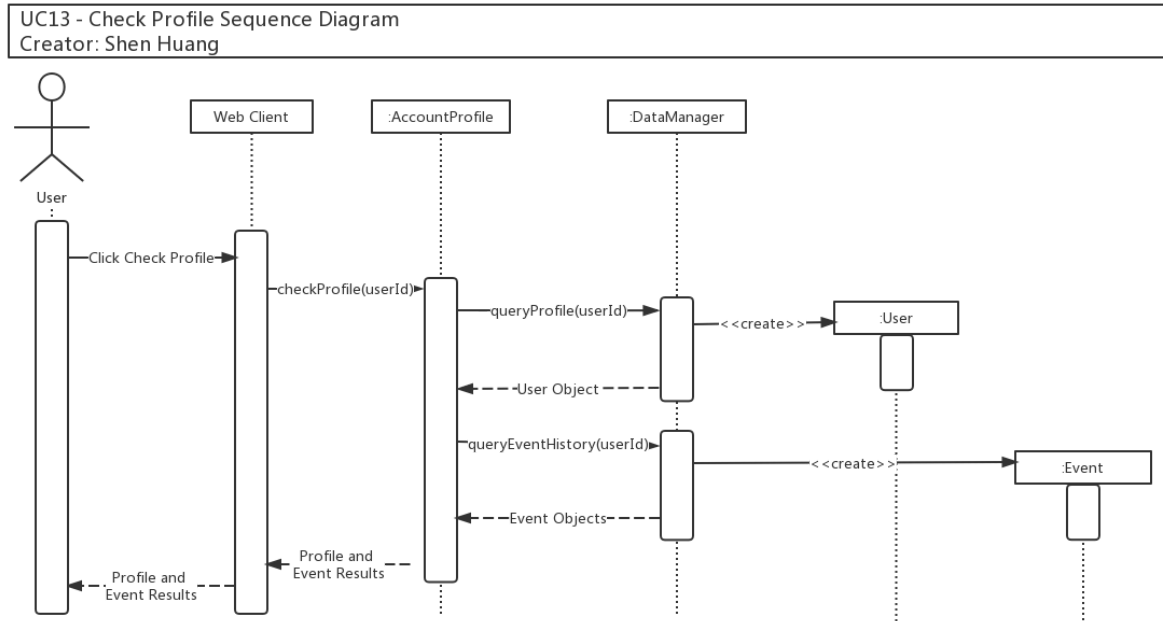


Requirement ID: UR-13

Use Case ID: UC 13 Check Profile

Description: User can check their profile via home page. This is the user's personal page about their profile and event history.

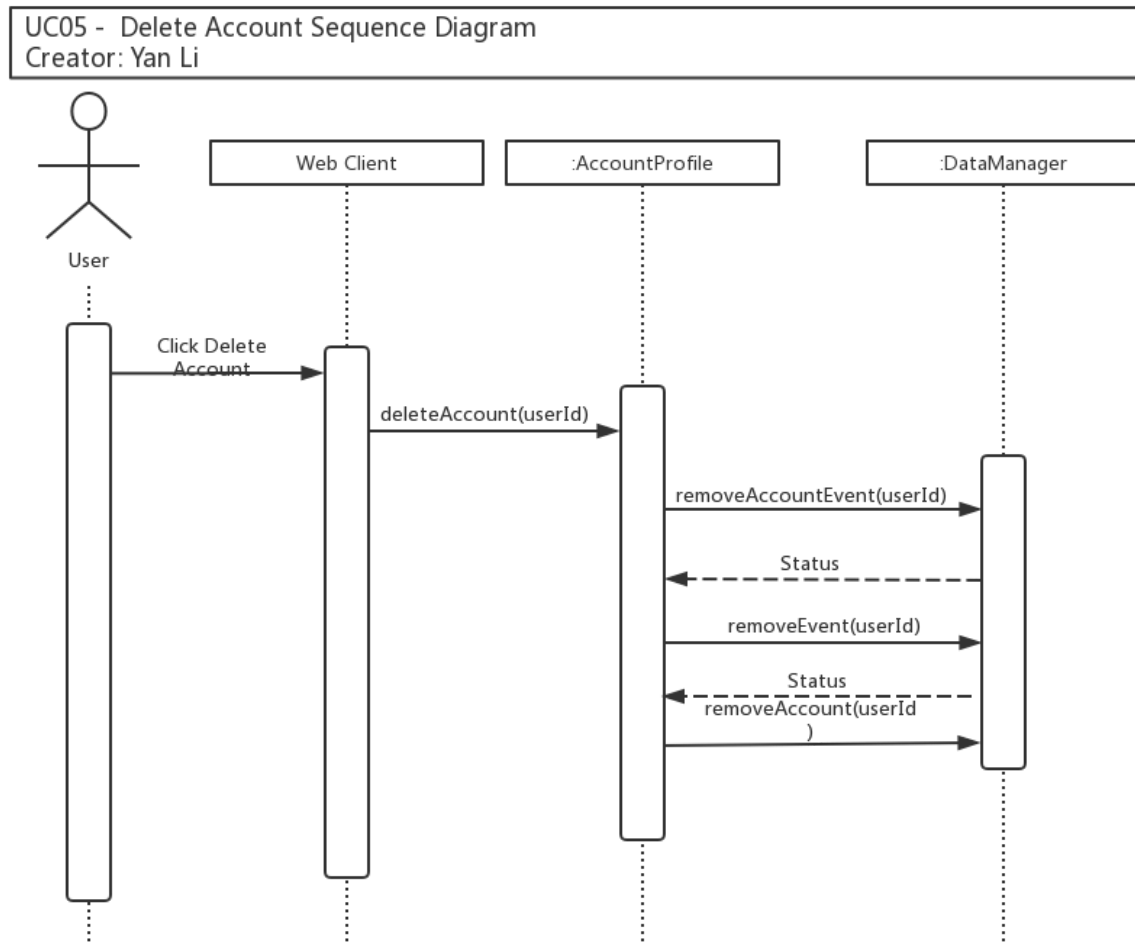
Creator: Shen Huang



Requirement ID: UR-05 Delete Account

Use Case ID: UC 05 Delete Account

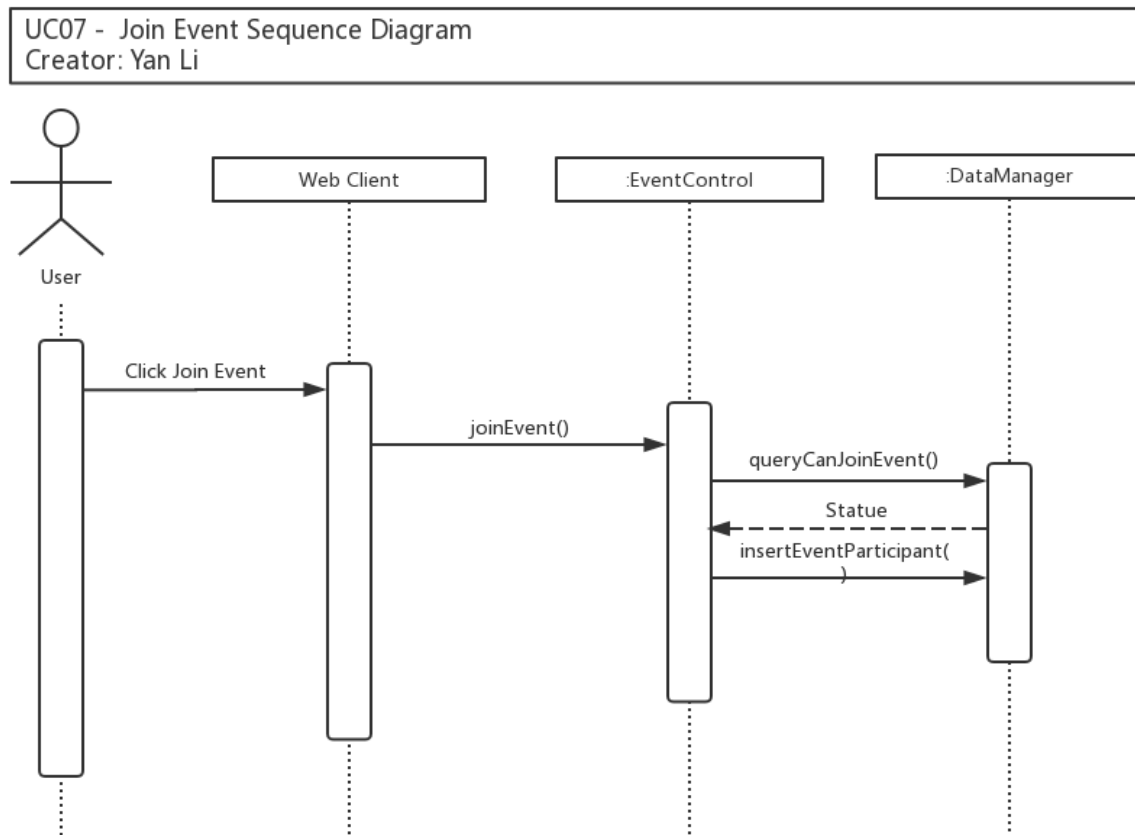
Description: User can click on Delete Account to delete the created account
Creator: Yan Li



Requirement ID: UR-07 Join Event

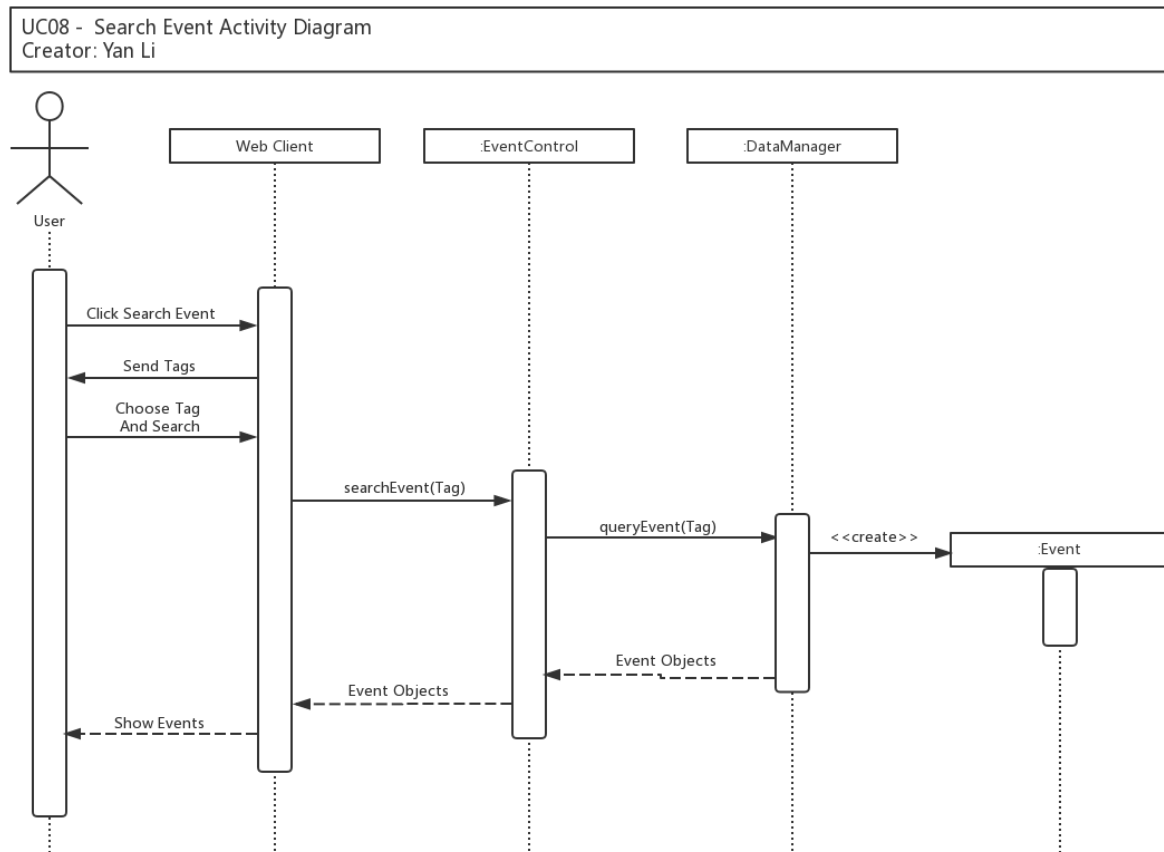
Use Case ID: UC 07 Join Event

Description: User can click on Join to join in an available event.
Creator: Yan Li



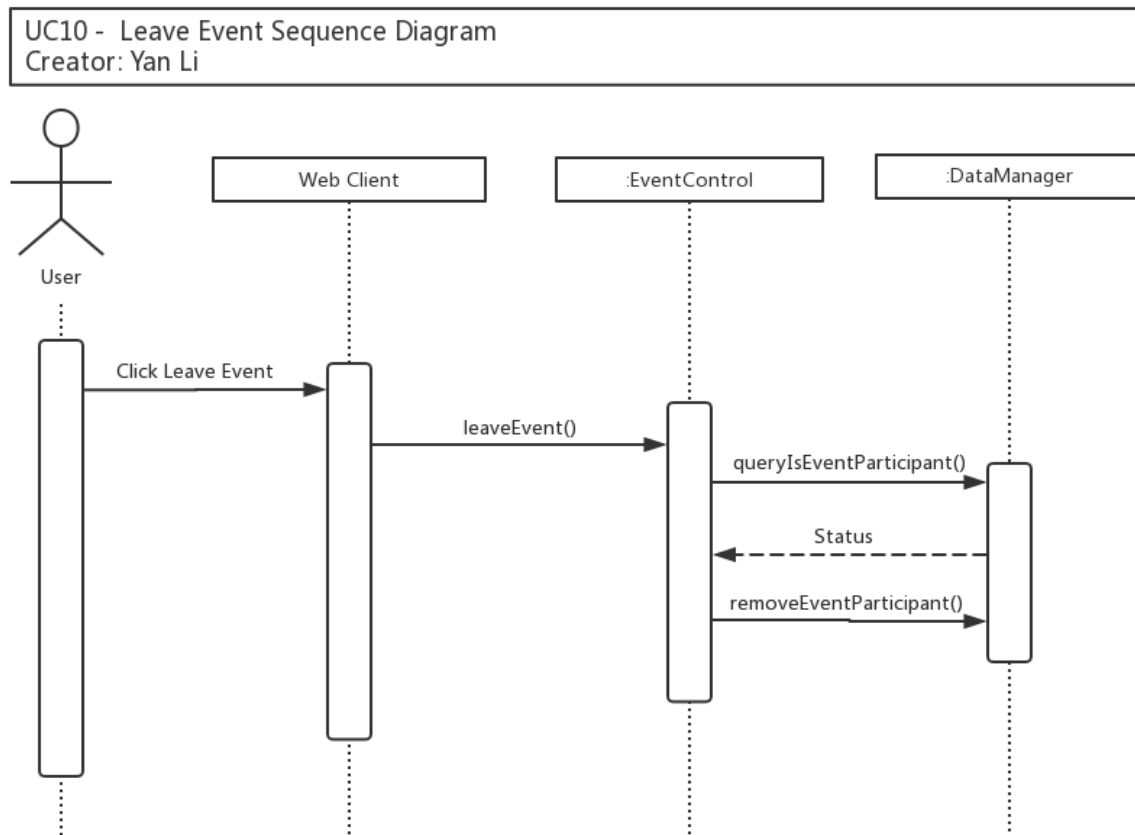
Requirement ID: UR-08 Search Event
Use Case ID: UC 08 Search Event

Description: User can click on Search Event to look for events.
Creator: Yan Li



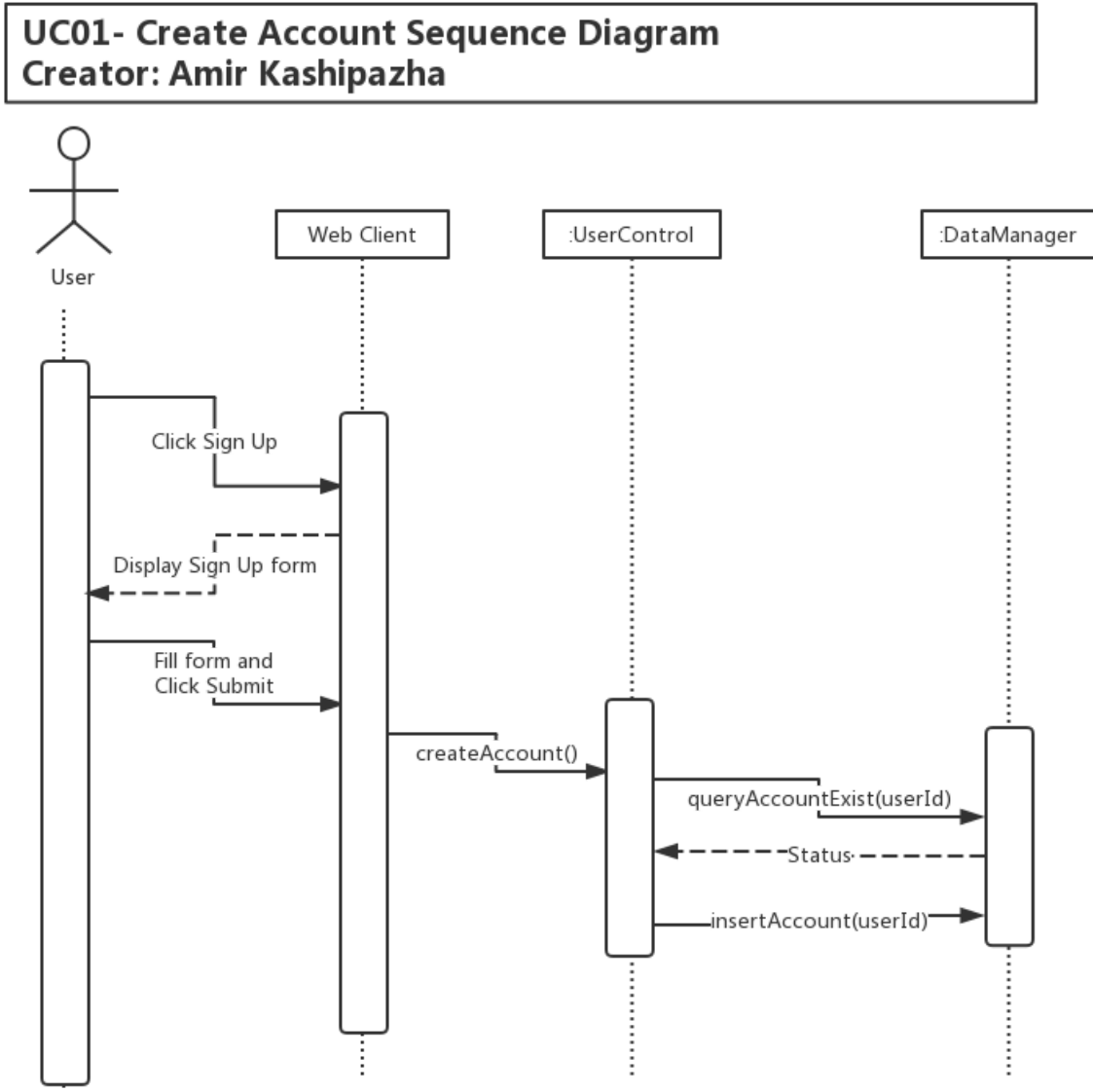
Requirement ID: UR-10 Leave Event
Use Case ID: UC 10 Leave Event

Description: User who joined in an event can click on Leave Event to leave the event
Creator: Yan Li



Requirement ID: UR-01 Create Account
Use Case ID: UC01 Create Account

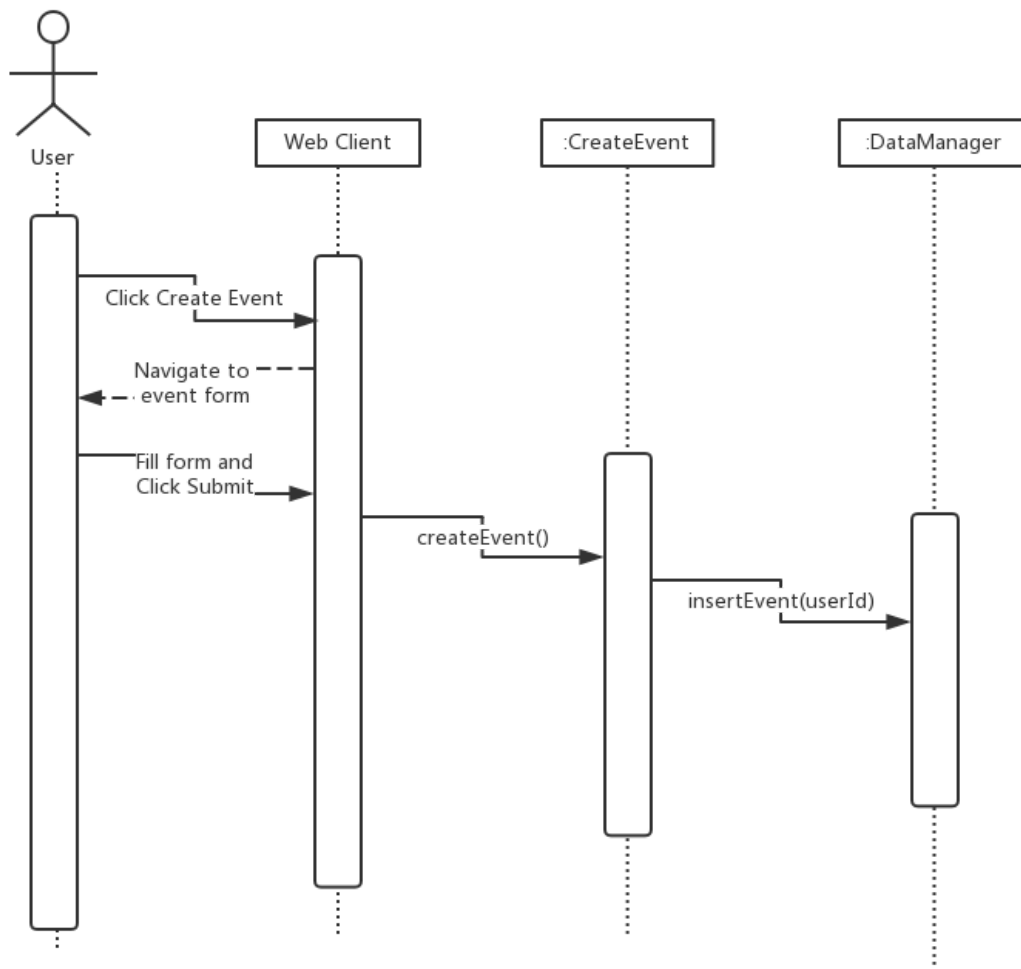
Description: User creates a personal account in order to use the system
Creator: Amir Kashipazha



Requirement iD: UR-06 Create Event
Use Case ID: UC06 Create Event

Description: User creates event to find people who are interested to join that event
Creator: Amir Kashipazha

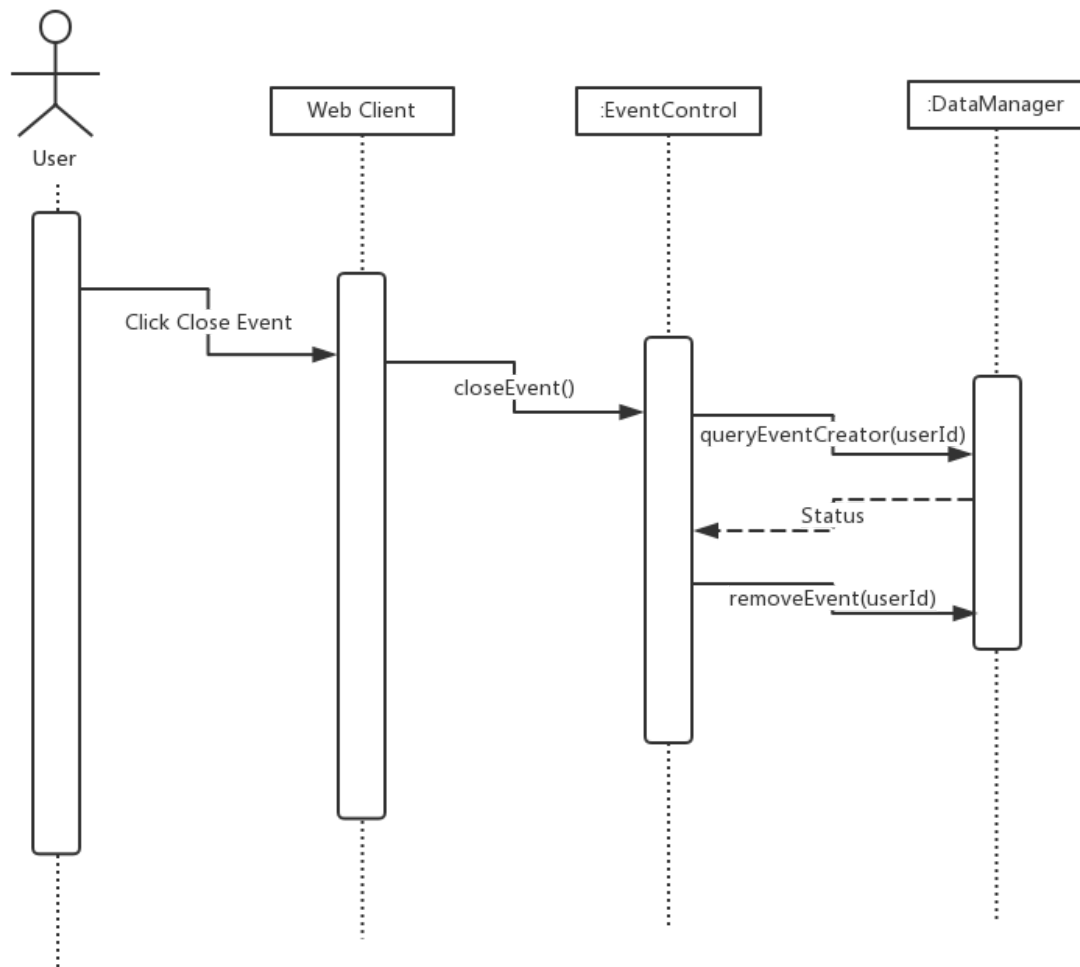
UC06- Create Event Sequence Diagram
Creator: Amir Kashipazha



Requirement ID: UR-09 Close Event
Use Case ID: UC09 Close Event

Description: User closes and event because of unpredicted condition like heavy snowfall
Creator: Amir Kashipazha

UC09- Close Event Sequence Diagram Creator: Amir Kashipazha



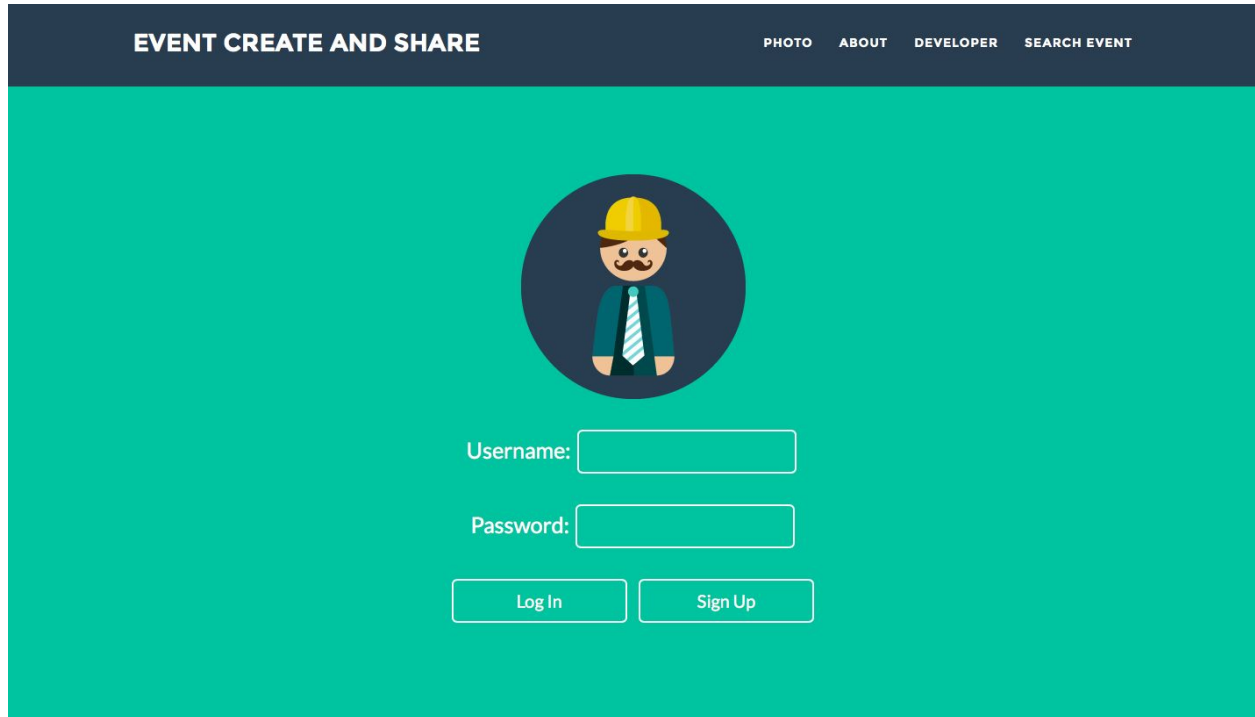
UI Mockups

Below are some potential screenshots for when users log in our system. The screens are ordered in sequence.


UI01 - EVENT CREATE AD SHARE

Use Cases: Create Account, Log In Website

Description: This is the homepage of our website. A user can use it to log in, sign up, check some events' photos. Also, it contains some information about the developers.



EVENT CREATE AND SHARE PHOTO ABOUT DEVELOPER SEARCH EVENT



Username:

Password:

PHOTO



ABOUT



Our website, Activity Create and Share, is a website that helps people to create events like hiking, biking, reading books, watching movies, studying together and so on.

People can search for events that they are interested in and join in the event. The event creator can ask for advices and request for required equipment for the event.

DEVELOPER



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AMIR KASHIPAZHA

University of Colorado Boulder
amirhossein.kashipazha@colorado.edu

UI02 - Search Event


Use Cases: Search Event, Join Event

Description: This is the Search Event page. A user can search for events on the left side search box. The search results will display on the right.

[Event Create and Share](#) [Create Event](#) [Search Event](#) [Profile](#)

Search Event

Search



Hiking at Royal Arch

Royal Arch Trail is a 3.4 mile heavily trafficked out and back trail located near Boulder, CO that features beautiful wild flowers and is rated as difficult. The trail offers a number of activity options and is accessible from May until October. Dogs and horses are also able to use this trail.

Royal Arch is one of the best hikes in boulder, and one of the most demanding! It is only 1.5 miles each way but it is intense. Bring lots of water and try to do it during a cool part of the day! The view is worth the effort though.

If you like this activity, welcome to join us! We don't need other equipment! Having a car is better. But we can share our cars too.

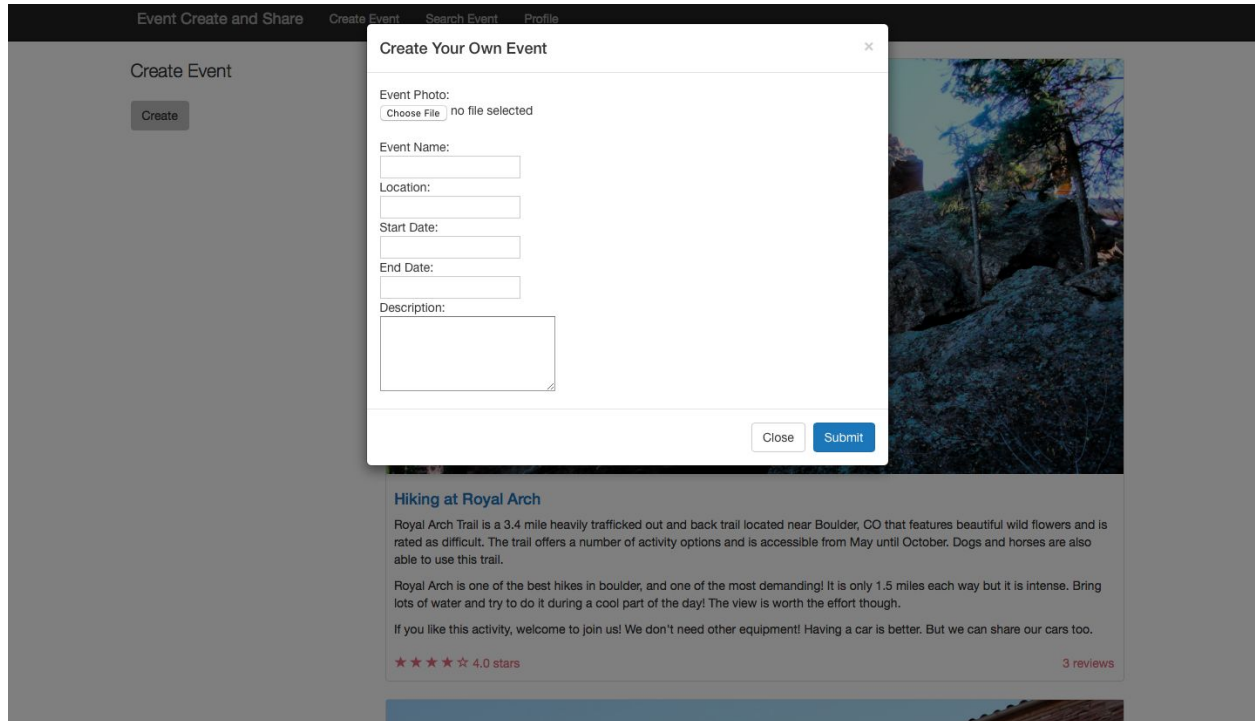
★★★★☆ 4.0 stars

3 reviews

UI03 - Create Event

Use Cases: Create Event

Description: This is the Create Event Page. A window pops up when a user clicks on the left side create button. Then the user need to fill in a form and submit it. The event would be created successfully.



The screenshot shows a web application interface with a dark header bar containing navigation links: "Event Create and Share", "Create Event", "Search Event", and "Profile". On the left side, there is a "Create Event" section with a "Create" button. A modal window titled "Create Your Own Event" is open, featuring a close button (X) in the top right corner. The form inside the modal includes the following fields:

- Event Photo:** A file selection area with a "Choose File" button and the text "no file selected".
- Event Name:** A text input field.
- Location:** A text input field.
- Start Date:** A date input field.
- End Date:** A date input field.
- Description:** A large text area for writing the event details.

At the bottom right of the modal, there are "Close" and "Submit" buttons. In the background, a blurred view of a hiking trail is visible. Below the modal, a card titled "Hiking at Royal Arch" is partially visible, containing descriptive text about the trail and a 4.0 star rating from 3 reviews.

UI04 - Profile

Use Cases: Close Event, Leave Event, Make Comment, Check Profile, Delete Comment, Edit Profile, Delete Account

Description: This is Profile page which contains check profile, event history and edit profile. A user can click the left side list. The user can check their profile or other users' profiles in the check profile list. In an event history list, every user can see other users' and their own event history. It is a good design for user to become acquainted with the creator. Edit profile list is a list that only the user can edit.

[Event Create and Share](#) [Create Event](#) [Search Event](#) [Profile](#)

Profile

[Check Profile](#)[Event History](#)[Edit Profile](#)

Basic Information

E-mail Address(Log In Name):
cathy@colorado.edu

Nick Name:
cathy

First Name:
Cathy

Middle Name:

Last Name:
Cooper

Location:
Boulder, CO

Gender:
Female

Contact Information

Phone Number:
123-456789

Facebook:
<https://www.facebook.com/cathy>

Other Information


Describe Yourself:

I am a student in CU Boulder. I like hiking, jogging, rock climbing.

[Event Create and Share](#) [Create Event](#) [Search Event](#) [Profile](#)

Profile

[Check Profile](#)[Event History](#)[Edit Profile](#)



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Royal Arch Trail is a 3.4 mile heavily trafficked out and back trail located near Boulder, CO that features beautiful wild flowers and is rated as difficult. The trail offers a number of activity options and is accessible from May until October. Dogs and horses are also able to use this trail.

Royal Arch is one of the best hikes in boulder, and one of the most demanding! It is only 1.5 miles each way but it is intense. Bring lots of water and try to do it during a cool part of the day! The view is worth the effort though.

If you like this activity, welcome to join us! We don't need other equipment! Having a car is better. But we can share our cars too.

★ ★ ★ ★ ☆ 4.0 stars

3 reviews

Profile

Check Profile

Activity History

Edit Profile

Basic Information

E-mail Address(Log In Name):

Nick Name:

First Name:

Middle Name:

Last Name:

Location:

Gender:

☐ Male ☒ Female ☐ Other

Contact Information

Phone Number:

Facebook:

Other Information

Describe Yourself:

Class Diagram

