



GEBZE TECHNICAL UNIVERSITY
DEPARTMENT OF COMPUTER ENGINEERING
2022 FALL CSE343 SOFTWARE ENGINEERING

LUDOVICO
PROJECT REPORT

1. Group Members

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Mert Gürşimşir	Project Manager	1901042646
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2. User Stories

As a logged-in user who is intended to join an event according to my field of interest in Gebze Technical University, I want to see the events near the Gebze Technical University with little effort.

- Given that user wants to reach events according to his/her interests, when he/she checks the home page of the “Hangout” app, different kinds of events in different categories created by other people in Gebze Technical University should be listed. If user wants, he/she can view the informations about the event. Then user chooses one of them: to attend the event or to send request to creator for attendance if event requires a request via a button.
(Priority: High)

As a logged-in user who is intended to create an event, I want to find people to join my event in Gebze Technical University.

- Given that user wants to create an event, there is a button to create the event with informations about it like time, location, description. Creator of the event should be able to lock the event so that only he/she can choose who can be join or he/she can open event to everybody.
(Priority: High)

As a logged-in user, I want to see the events that I have attended, so that I can be see the attendees and the times and locations.

- Given that user wants to see the event(s) that he/she has attended, there is a button to see the events that the user has joined in the profile page. Users will be able to see all the events that he/she is joining.
(Priority: Normal)

As a logged-in user, I want to see the events that I have created, so that I can be see the attendees the times and locations.

- Given that user wants to see the event(s) that he/she has created, there is a button to see the events that the user has created in the profile page. Users will be able to see all the events that he/she has created.

(Priority: Normal)

As a logged-in user, I want to modify the event that I have created, so that I can remove an attendee or cancel the event.

- Given that user wants to modify the event, there is a button to help users to make modifications in the page that can be gone through the profile page which is the “Created Events” page. Users can be able to modify the event here. He/She either can delete the event or remove an attendee at the information page of the event.

(Priority: Normal)

As a logged-in user, I want to leave an event that I have attended.

- Given that user wants to leave an event that he/she has attended, firstly user can be able to see the events that he/she has attended. Then simple “X” button will help user to leave the event.

(Priority: Low)

As a logged-in user, I want to view notifications that I have received and view its details.

- Given that user wants to view the notifications (about requests, event cancellation), he/she can be able to see them by the help of button in the home page. Notifications button in the home page will direct users to page that they can see their notifications.

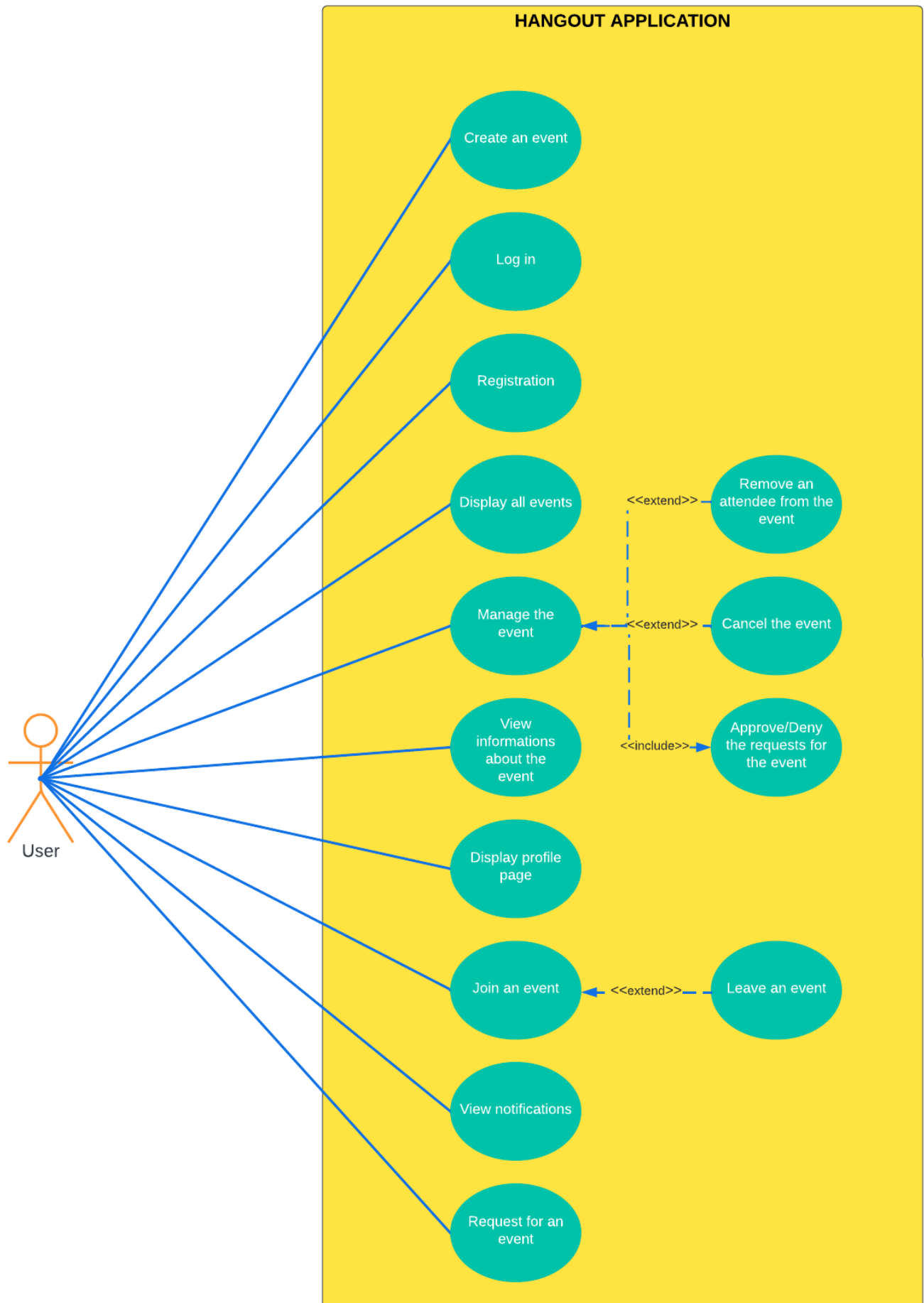
(Priority: Low)

3. Project Backlog Document

ID	Task	Description	Requirements	Priority	Sprint	Status
1	Log In and Registration Screen Implementation	Log In and Registration page for users to create an account or log in to an existing one.	Log In Screen Sign Up Screen	Medium	1	Done
2	User Authentication and Connection to Database	User can create a new account or log in to an existing account. Also, created events, joined events, profiles etc. can be saved to a database when we need.	Log In Sign Up Database Connection	High	1	Done
3	Main Menu	User can view the existing events, go to create a new event page, go to his/her notifications and profile.	Event List Profile Button Notifications Button Create Event Button	High	2	In Progress
4	Create Event	User can create a new event with the needed details.	Users detail input Save event	High		To Be Started
5	Event Details	User can view the details of the event that he/she wants to attend, such as event category, date, time, and description.	Event Date/Time Event Category Description	Medium		To Be Started

6	Join/Leave Event	User can send a join request to the event host or join directly (depending on the hosts choice) and also can leave an event.	View details Join directly Send request	High		To Be Started
7	Manage Event	User can manage the event that he/she has created, which is removing an attendee, check the join requests and approve or deny them, or cancel the event.	Remove an Attendee Check Requests Approve/Deny Requests Cancel Event	Medium		To Be Started
8	User profile	User can access their profile and view the events they have created or participated in.	View created events View attended events	Medium		To Be Started
9	Notifications	User can view the notifications that they received (such as join requests, approved requests, denied requests, event cancelled alert etc.) and view its details.	Notification Details	Low		To Be Started

4. Use Case Diagram



5. Test Cases

ID	DESCRIPTION	STEPS TO EXECUTE	TEST DATA / INPUT	EXPECTED RESULTS
T-01	Check customer log in with valid data	<ol style="list-style-type: none">1. Go to the log in page2. Enter e-mail with <u>gtu.edu.tr</u> extension that is signed up3. Enter password4. Log in	N/a	User should log in successfully
T-02	Check customer log in with invalid data	<ol style="list-style-type: none">1. Go to the log in page2. Enter any e-mail3. Enter password4. Log in	N/a	User should not log in into application
T-03	Check customer sign up with proper mail	<ol style="list-style-type: none">1. Go to the sign up page2. Enter name3. Enter e-mail with <u>gtu.edu.tr</u> extension4. Enter password5. Sign up	N/a	User should sign up successfully
T-04	Check customer sign up with invalid data	<ol style="list-style-type: none">1. Go to the sign up page2. Enter name3. Enter any e-mail4. Enter password5. Sign up	N/a	User should not sign up into application
T-05	Check if user is directed to proper home page	<ol style="list-style-type: none">1. Enter proper e-mail and password2. Click log in button	N/a	User should see the home page
T-06	Check if user can be directed to the profile from the home page	<ol style="list-style-type: none">1. Go to the home page2. Click profile icon	N/a	User should access to his/her profile successfully
T-07	Check if user can see all the events at the home page	<ol style="list-style-type: none">1. Go to the home page	N/a	All events should be listed at the home page

T-08	Check if user can see the informations about the events at the home page	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to “view more info” button 	N/a	Informations should be successfully accessed
T-09	Check if user can see the location of the event	<ol style="list-style-type: none"> 1. Go to the profile page 2. Click to “events attended” button 3. Click on the event 	N/a	User should see location of the event
T-10	Check if user can see the attendees of the event	<ol style="list-style-type: none"> 1. Go to the profile page 2. Click to “events attended” button 3. Click on the event 	N/a	User should see attendees of the event
T-11	Check if user can see time of the event	<ol style="list-style-type: none"> 1. Go to the profile page 2. Click to “events attended” button 3. Click on the event 	N/a	User should see time of the event
T-12	Check if user can send request to an event that needs requests to attend	<ol style="list-style-type: none"> 1. Go to the home page 2. Find an event that needs a request 3. Click to “send request” button 	N/a	User should send request to the creator of the event
T-13	Check if user can attend directly to an event that needs no requests to attend	<ol style="list-style-type: none"> 1. Go to the home page 2. Find an event that needs no request 3. Click to “attend” button 	N/a	User should see his name/information for the chosen event
T-14	Check if user can see the event that he/she is attended with no request at his/her profile	<ol style="list-style-type: none"> 1. Go to the home page 2. Click “attend” for an event that needs no request 3. Go to the profile page 4. Click to “Attended events” button 	N/a	User should be able to see the attended events

T-15	Check if user can see the event that he/she is attended with request at his/her profile	<ol style="list-style-type: none"> 1. Go to the home page 2. Click “attend” for an event that needs request 3. Go to the profile page 4. Click to “Attended events” button 	N/a	User should be able to see the attended events
T-16	Check if user can create an event with no request needed	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the “+” button 3. Fill the informations about the event 4. Don’t click “request” radio button 	N/a	User should create an event succesfully
T-17	Check if user can create an event with request needed	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the “+” button 3. Fill the informations about the event 4. Click “request” radio button 	N/a	User should create an event succesfully with request needed
T-18	Check if user can see the event that he/she created at his/her profile	<ol style="list-style-type: none"> 1. Go to the profile page 2. Click to “Created events” button 	N/a	User should be able to see the created events
T-19	Check if user can see the notifications	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the notification icon 	N/a	User should access the notification page and see the notifications that indicates his/her request is approved or not etc.

T-20	Check if user can accept the request that is sent to one of his/her events	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the notification icon 3. Check if there is a request 4. If there is a request, accept it. Otherwise wait for it. 	N/a	User should accept the request come to him/her
T-21	Check if user can reject the request that is sent to one of his/her events	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the notification icon 3. Check if there is a request 4. If there is a request, reject it. Otherwise wait for it. 	N/a	User should reject the request come to him/her
T-22	Check if user can attend the event which requires a request	<ol style="list-style-type: none"> 1. Go to the home page 2. Click to the notification icon 3. Check if there is a approval for the request, otherwise wait for approval. 4. Go to the profile page 5. Click to “Attended events” button 6. See the event there 	N/a	User should be able to see the attended events

T-23	Check if user can remove an attendee from the event that he/she created.	<ol style="list-style-type: none"> 1. Go to the profile page 2. Go to the “Created events” page 3. Click on the event 4. Click to the “X” button next to an user 	N/a	User should be able to remove an attendee that he/she wants.
T-24	Check if user can cancel the event that he/she created.	<ol style="list-style-type: none"> 1. Go to the profile page 2. Go to the “Attended events” page 3. Click to the “X” button on the event 	N/a	User should be able to cancel the event.
T-25	Check if user can leave an event that he/she attended.	<ol style="list-style-type: none"> 1. Go to the profile page 2. Go to the “Created events” page 3. Click to the “X” button on the event 	N/a	User should be able to leave the event.

6. Dummy/Simulated Graphical Interface

LOG IN PAGE

(with input)



LOG IN

SIGN UP

LOG IN PAGE

(with user does not exist error)



LOG IN

SIGN UP



User does not exist

LOG IN PAGE

(with invalid extension error)



SIGN UP



You have to use gtu mail.

SIGN UP PAGE



SIGN UP

LOG IN PAGE



LOG IN

SIGN UP

HOME PAGE



Hangout



Events



THU, OCT 18 • 13.00 - 14.50
1/2 going



Attend



THU, OCT 18 • 13.00 - 14.50
5/8 going



Attend



THU, OCT 18 • 13.00 - 14.50
1/2 going



Requested



HOME PAGE

(with information about the event)



Hangout



Events



THU, OCT 18 • 13.00 - 14.50
1/2 going  

Attend



THU, OCT 18 • 13.00 - 14.50
5/8 going  

Attend



THU, OCT 18 • 13.00 - 14.50
1/2 going   

Requested



Maç sks'nin yanındaki tenis sahasında olacak, saha boş olduğu için duruma göre süre uzayabilir









PROFILE PAGE



Hkalkan

About Me


Hi. I'm Habil Kalkan. I am a professor at Gebze Technical University.

Events Attended

Events Created

EVENTS ATTENDED PAGE

< Profile



Hkalkan

Events Attended

10 Nov

Event Title

information about event

Time

Event Duration

Location

✖

👑

●

10 Nov

Event Title

information about event

Time

Event Duration

Location

✖

👑

●

10 Nov

Event Title

information about event

Time

Event Duration

Location


✖

👑

●

EVENTS CREATED PAGE

< Profile



Hkalkan

Events Created

10 Oct

Event Title

information about event

Time

Event Duration

Location

✖

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●

10 Oct

Event Title

information about event

Time

Event Duration

Location

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●

10 Oct

Event Title

information about event

Time

Event Duration

Location

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●

INFORMATION PAGE ABOUT THE EVENT THAT USER HAS ATTENDED

< Events Attended



Hkalkan

Events Details



Event Title : Basketball

Event Created By : Mmercan

Event Time: 16:00

Event Duration: One Hours

Description:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut laore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Attendees Of The Event

Ozan
Mete
Zeki
You
Mete

INFORMATION PAGE ABOUT THE EVENT THAT USER HAS CREATED

< Events Created



Hkalkan

Events Details



Event Title : Basketball

Event Time: 16:00

Event Duration: One Hours

Description:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut laore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Attendees Of The Event

...
✗ Ozan
✗ Mert
✗ Mete
✗ Zeki
✗ Mercan
✗ Mete

CREATE EVENT PAGE

← Create Event

Enter Event Title:

Select Category: ▾

Select Place: ▾

Enter Participant Number:

Description about event:

Private: ☐ ☐

Upload or select a image:

NOTIFICATIONS PAGE

← Notifications 🔔

- User @12345 accepted your request.
- User @242424 wants to join your event.
✓ ✕
- There have been some changes at an event you attended.
- The date of your event is approaching !!!