

Project Definition

There are thousands of mobile applications to find a friend. However, none of these applications are designed to make a real fellowship. The purpose of these apps is to match people according to the looks they like, and it is not making friends, it is to find a partner. In this mobile application, we will develop an application to make a real friendship according to hobbies and common interests

System Requirements

- **Server:**
 - o Register
 - o Login
 - o Create Event
 - o Join Event
- **Client:**
 - o List Upcoming Events
 - o List Created Events
 - o List Past Events
 - o See The Details of Event
 - o Join to The Event
 - o Create a New Event
 - o Select the Category of Event

System Architecture

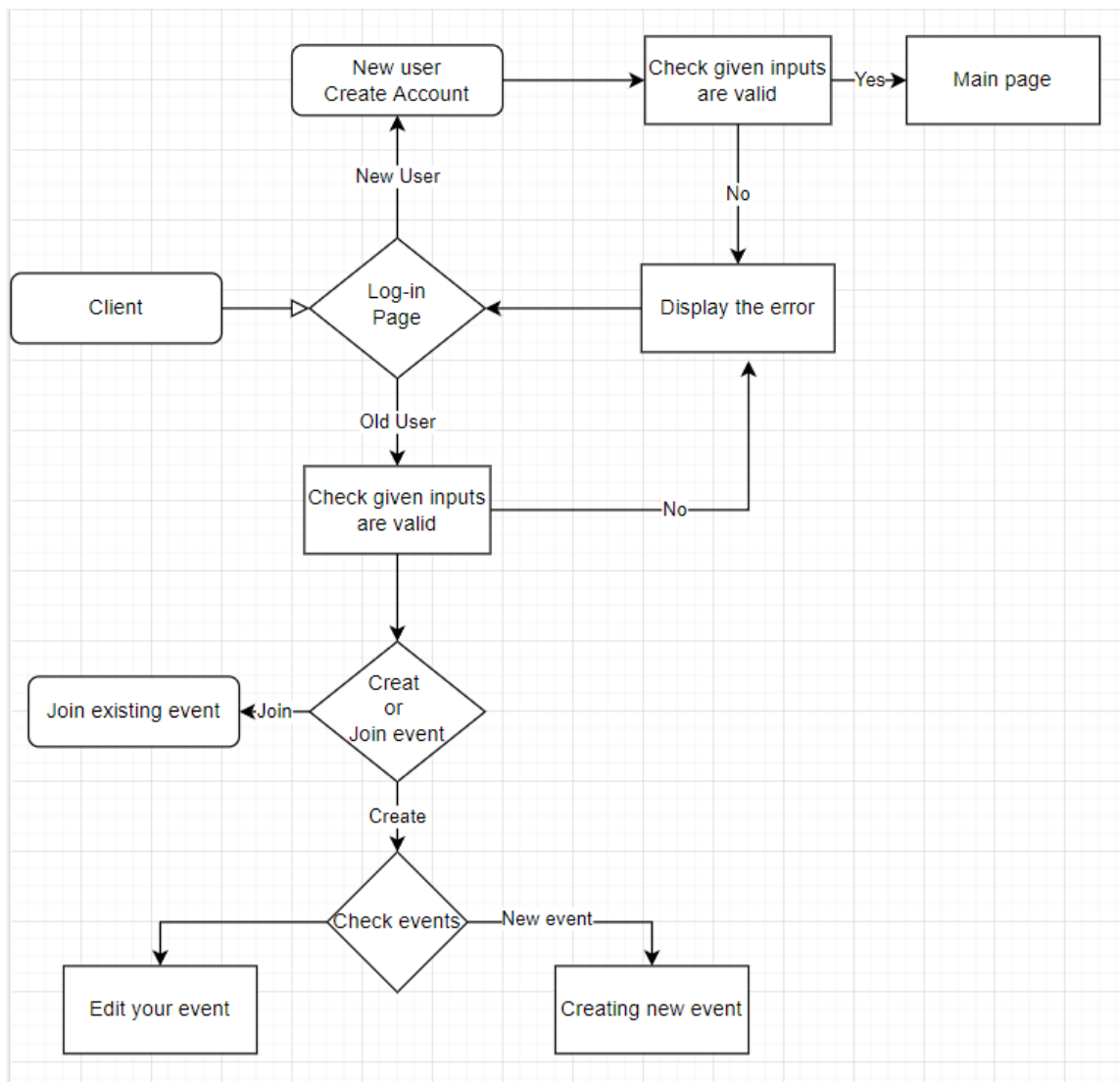
Use Cases

1. **Register**: User fills required information and clicks the register button. App sends a request to create a new user to our database and if the response is true the user gets a success message.
2. **Login**: User fills required information and clicks the login button. App sent a request to check username and password from database and if it is correct send a token response and navigate to main page
3. **Check Activity**: App sends a get request to database and shows response in a page.
4. **Join Activity**: User clicks to an event and sends a request to join to the event.
5. **Create Activity**: User fills required parts of form and sends a request to create new activity in the database. If everything is valid, the user gets a success message.

Use Case Diagram



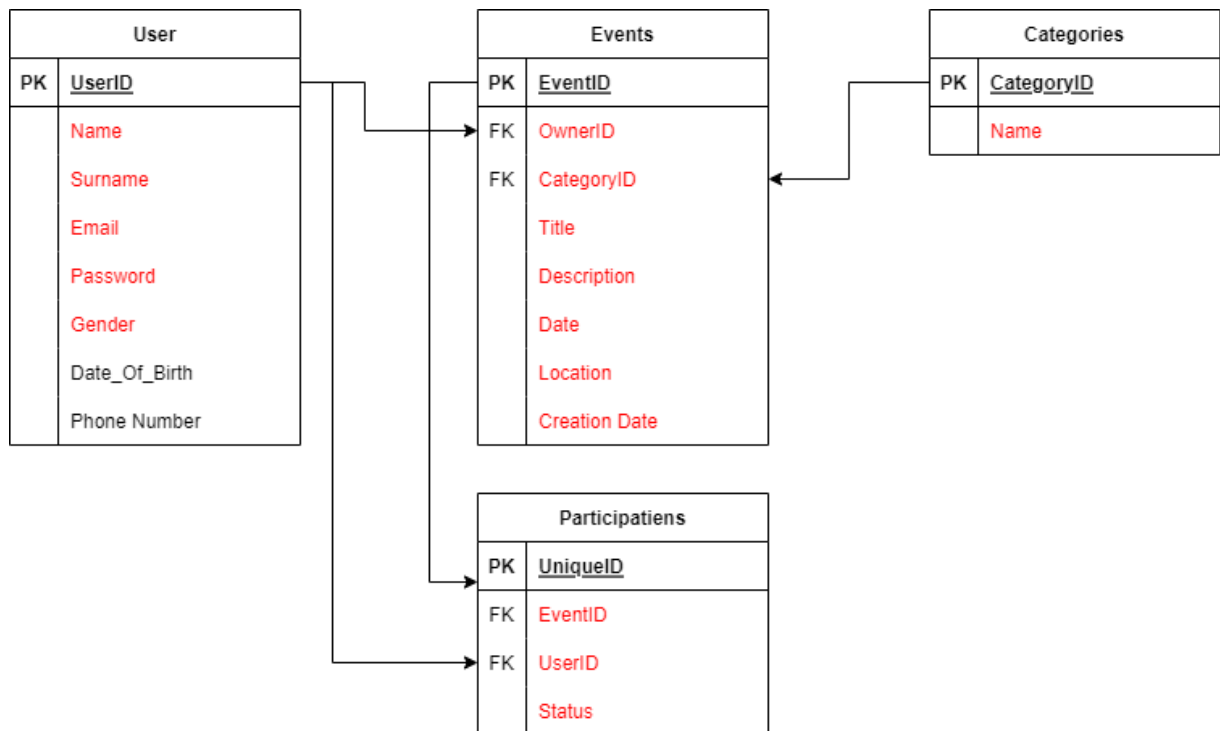
Architectural Design



APIs

- <https://localhost:3000/login> - POST
- <https://localhost:3000/register> - POST
- <https://localhost:3000/categories> - GET
- <https://localhost:3000/createEvent> - POST
- <https://localhost:3000/events> - GET
- <https://localhost:3000/myEvents> - GET
- <https://localhost:3000/pastEvents> - GET
- <https://localhost:3000/join> - POST

Database Architecture



Database Tables

Category

Key	Value	Type
▼ (1) Objectid("626ea5efb1a6e3c01f0b2bbf")	{ 2 fields }	Object
_id	Objectid("626ea5efb1a6e3c01f0b2bbf")	Objectid
name	Cinema	String
▼ (2) Objectid("626ea611b1a6e3c01f0ba269")	{ 2 fields }	Object
_id	Objectid("626ea611b1a6e3c01f0ba269")	Objectid
name	Theatre	String
▼ (3) Objectid("626ea624b1a6e3c01f0be750")	{ 2 fields }	Object
_id	Objectid("626ea624b1a6e3c01f0be750")	Objectid
name	Concert	String
▼ (4) Objectid("626ea69ab1a6e3c01f0da9ab")	{ 2 fields }	Object
_id	Objectid("626ea69ab1a6e3c01f0da9ab")	Objectid
name	Trip	String
▼ (5) Objectid("629b52e40b25458625a9b8a9")	{ 2 fields }	Object
_id	Objectid("629b52e40b25458625a9b8a9")	Objectid
name	Football (Watch)	String
▼ (6) Objectid("629b52f40b25458625a9f354")	{ 2 fields }	Object
_id	Objectid("629b52f40b25458625a9f354")	Objectid
name	Football (Play)	String

Event

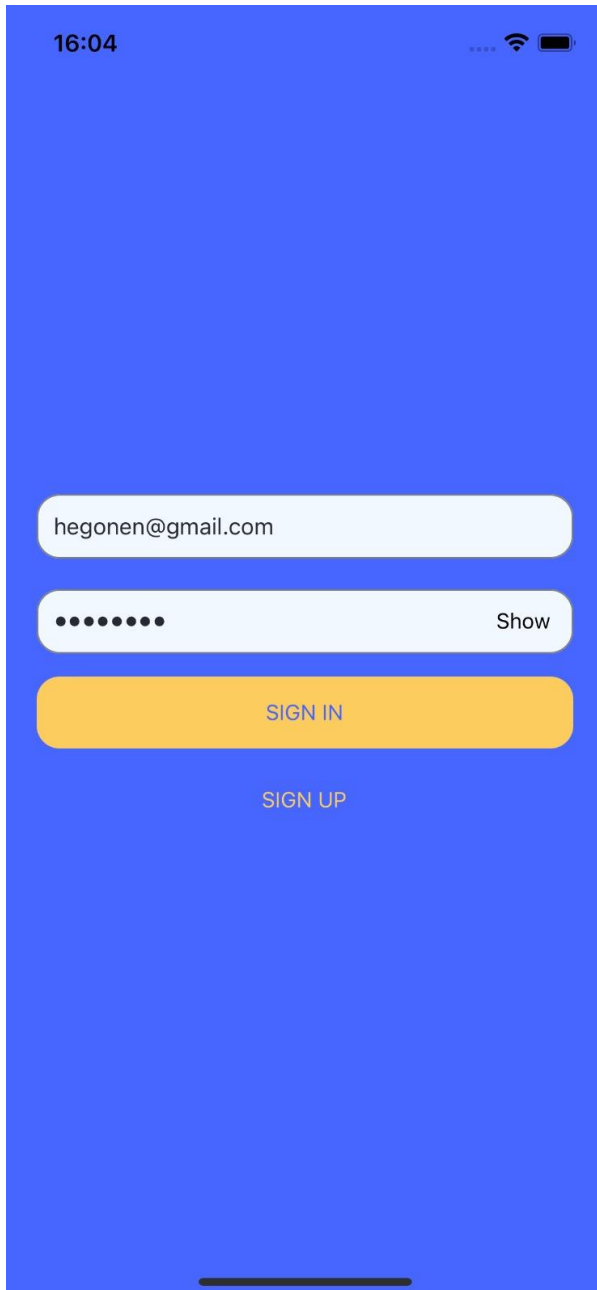
Key	Value	Type
▼ (1) Objectid("626d57c4082be1f666533721")	{ 11 fields }	Object
_id	Objectid("626d57c4082be1f666533721")	Objectid
ownerId	Objectid("624c8f28c56757bc4ada9b3a")	Objectid
categoryId	Objectid("626ea69ab1a6e3c01f0da9ab")	Objectid
title	Trip to European Side of Istanbul	String
description	I'm planning to make a trip to european side of Istanbul. I don't want spend so much money. We ...	String
date	2022-06-01 19:22:57.000Z	Date
location	Istanbul	String
limit	10	String
participants	[2 elements]	Array
▼ (0)	{ 3 fields }	Object
userId	Objectid("624c8f0b6781bc6c577eedd6")	Objectid
status	pending	String
_id	Objectid("624c8f0b6781bc6c577eedd6")	Objectid
> (1)	{ 3 fields }	Object
_v	0	Int32
color	#f4df63	String
▼ (2) Objectid("626ef175f686585008e96347")	{ 11 fields }	Object
_id	Objectid("626ef175f686585008e96347")	Objectid
ownerId	Objectid("624c8f056781bc6c577eedd4")	Objectid
categoryId	Objectid("626ea624b1a6e3c01f0be750")	Objectid
title	Tarkan Concert	String
description	I want to go to concert of Tarkan, I would like to go with you guys. Join me!	String
date	2022-09-30 23:44:33.000Z	Date
location	Istanbul	String
limit	4	String
participants	[1 element]	Array
_v	0	Int32
color	#683d71	String
> (3) Objectid("626ef1acf686585008e96349")	{ 11 fields }	Object
> (4) Objectid("626ef1f1f686585008e9634b")	{ 11 fields }	Object
> (5) Objectid("626ef349d8e9108f43e46d54")	{ 11 fields }	Object
> (6) Objectid("6277d403b56b9083ce4faa35")	{ 11 fields }	Object
> (7) Objectid("6277d48eb56b9083ce4faa39")	{ 11 fields }	Object
> (8) Objectid("6277d4b1b56b9083ce4faa3c")	{ 11 fields }	Object
> (9) Objectid("628385e5ad716d3a749d5e85")	{ 11 fields }	Object
> (10) Objectid("6286bb4e41983632aa5c1c8f")	{ 11 fields }	Object
> (11) Objectid("62965fc88b850d2337cd152e")	{ 11 fields }	Object

Users

Key	Value	Type
▼ (1) ObjectId("624c8f056781bc6c577eedd4")	{ 8 fields }	Object
_id	ObjectId("624c8f056781bc6c577eedd4")	ObjectId
email	hegonen@gmail.com	String
password	12345678	String
name	Harun Ergin	String
surname	Gönen	String
gender	none	String
> phoneNumber	{ 1 field }	Object
_v	0	Int32
▼ (2) ObjectId("624c8f0b6781bc6c577eedd6")	{ 8 fields }	Object
_id	ObjectId("624c8f0b6781bc6c577eedd6")	ObjectId
email	aliemredeneri@gmail.com	String
password	12345678	String
name	Ali Emre	String
surname	Deneri	String
gender	none	String
> phoneNumber	{ 1 field }	Object
_v	0	Int32
> (3) ObjectId("624c8f28c56757bc4ada9b3a")	{ 8 fields }	Object
> (4) ObjectId("6256b059d85000f8b662832")	{ 8 fields }	Object
> (5) ObjectId("6256b0c36daa8b50e666fe6")	{ 8 fields }	Object
> (6) ObjectId("6256b11304a4af516b801d8e")	{ 8 fields }	Object
> (7) ObjectId("626d0e4f867e0beed23bb41a")	{ 8 fields }	Object

SCREENS

Login Screen



16:04

hegonen@gmail.com

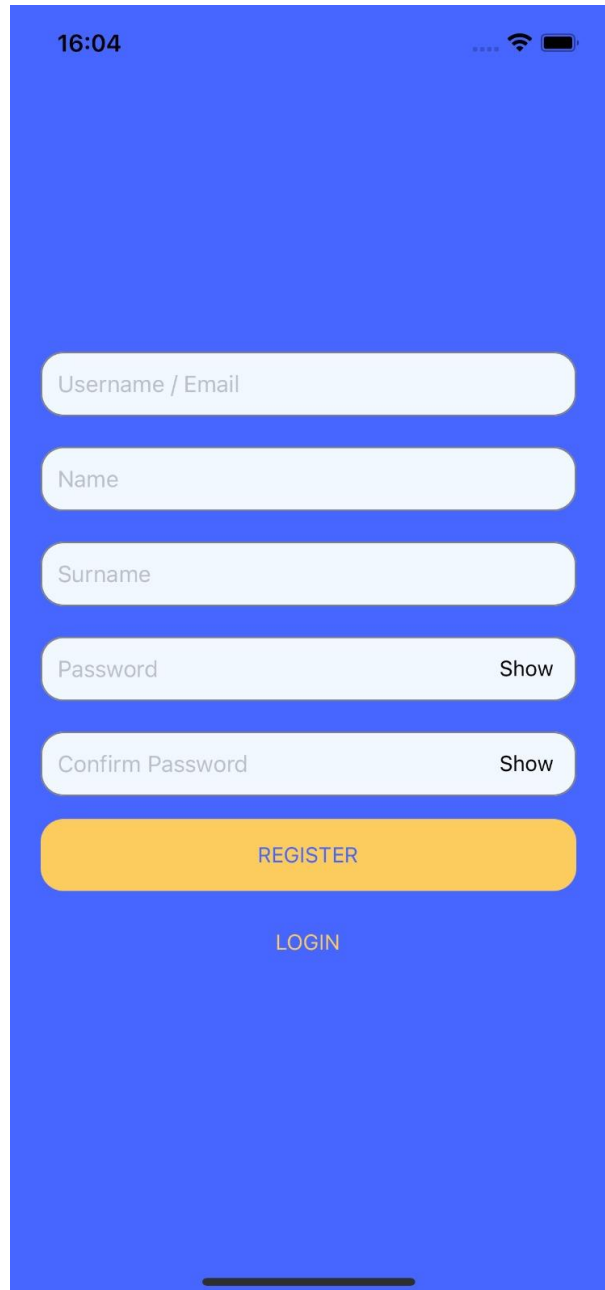
..... Show

SIGN IN

SIGN UP

This is a mobile app login screen with a solid blue background. At the top, the status bar shows the time 16:04, signal strength, Wi-Fi, and battery. The main content area features a white rounded rectangular input field containing the email 'hegonen@gmail.com'. Below it is another white rounded rectangular input field for a password, represented by eight dots, with a 'Show' link to its right. A large orange rounded rectangular button labeled 'SIGN IN' is positioned below the password field. At the bottom, the text 'SIGN UP' is displayed in a smaller, lighter font. A black horizontal line at the very bottom represents the home indicator bar.

Register Screen



16:04

Username / Email

Name

Surname

Password Show

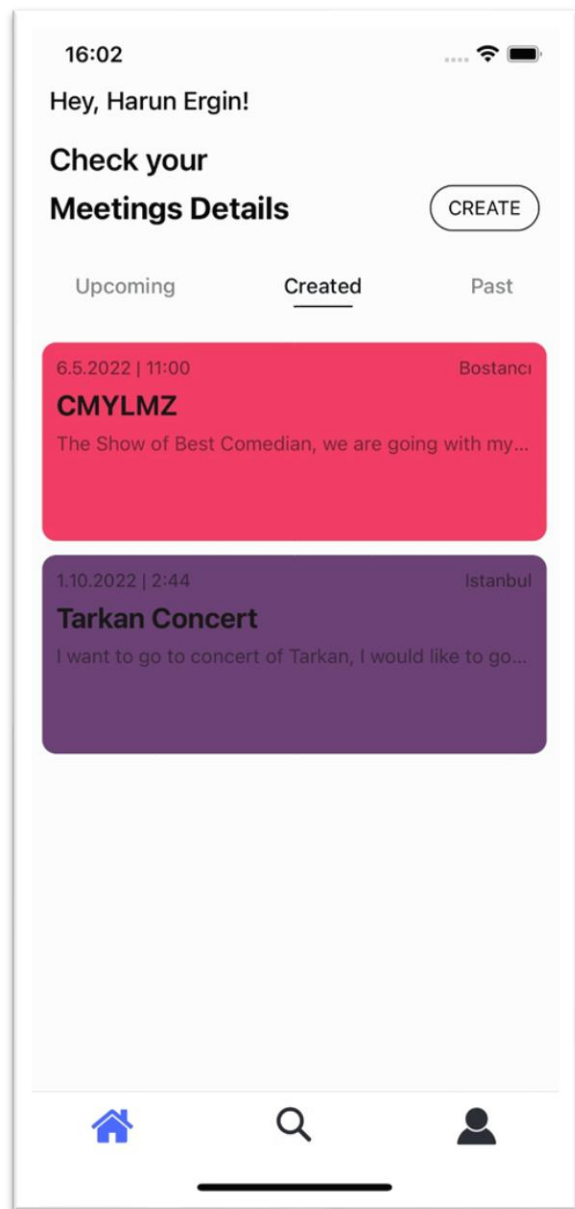
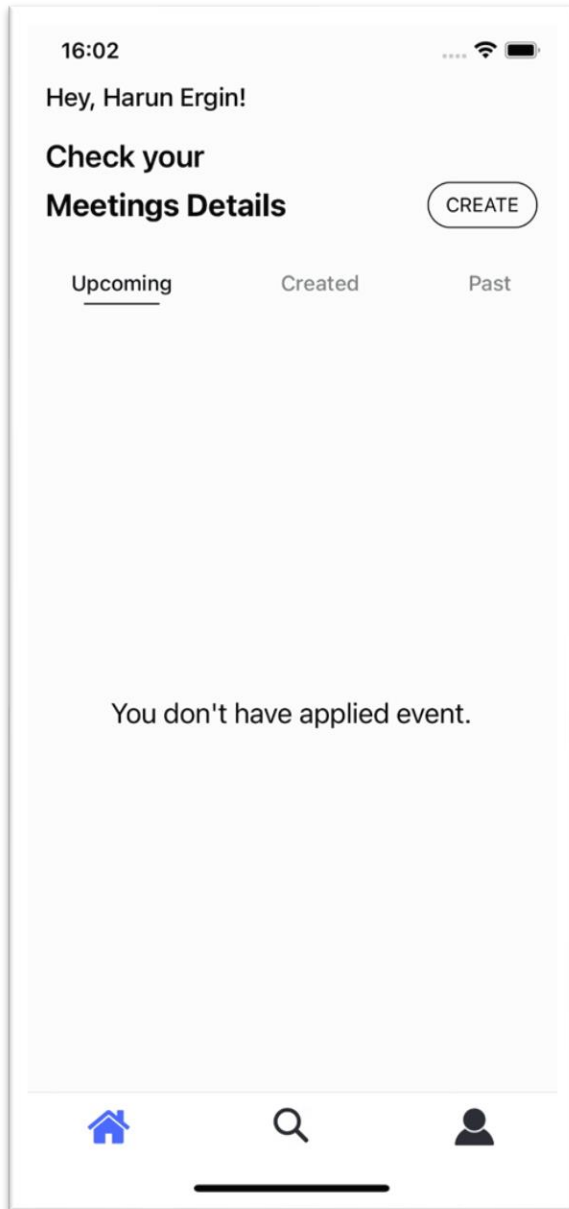
Confirm Password Show

REGISTER

LOGIN

This is a mobile app registration screen with a solid blue background. The status bar at the top shows the time 16:04, signal strength, Wi-Fi, and battery. The form consists of five white rounded rectangular input fields stacked vertically: 'Username / Email', 'Name', 'Surname', 'Password', and 'Confirm Password'. The 'Password' and 'Confirm Password' fields have 'Show' links to their right. Below the input fields is a large orange rounded rectangular button labeled 'REGISTER'. At the bottom, the text 'LOGIN' is displayed in a smaller, lighter font. A black horizontal line at the very bottom represents the home indicator bar.

Home Screen



Create Event Screen

16:03

Back>CreateEvent

Title

Enter Title

Category

Select an option.

Description

Enter Description

Participants Limit

Enter Participants Limit

Location

Enter Location

Date and Time

4 June 2022 Saturday, 16:3

Pick Color For Meeting

Create

Event Details Screen

16:03

Back>EventDetailScreen

CMYLMZ

6 May 2022 | Friday 11:00
Bostancı

Description

The Show of Best Comedian, we are going with my friend. You can join us!

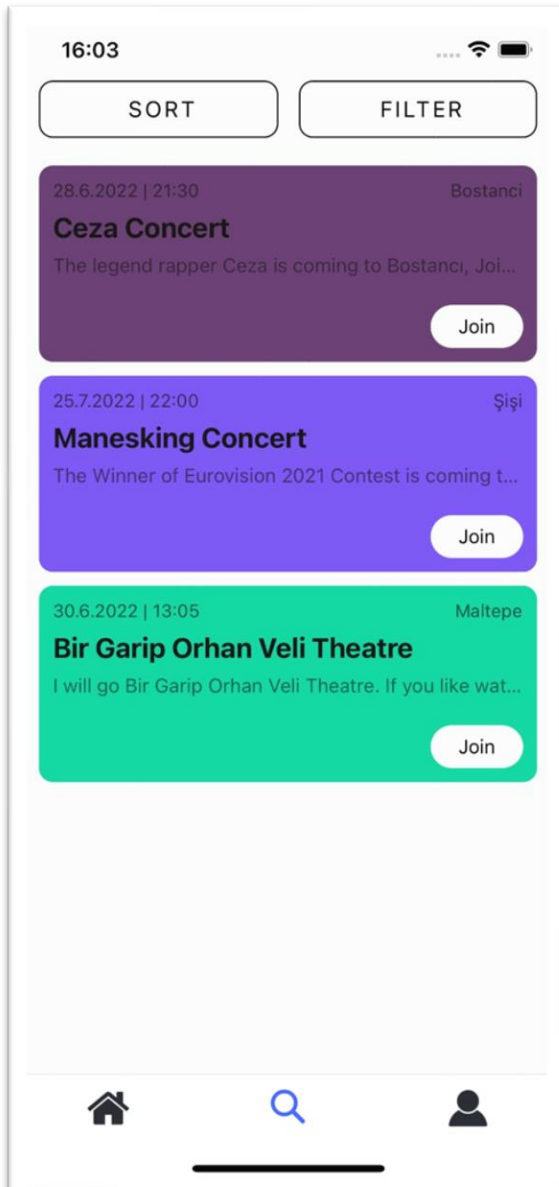
Owner

Harun Ergin Gönen

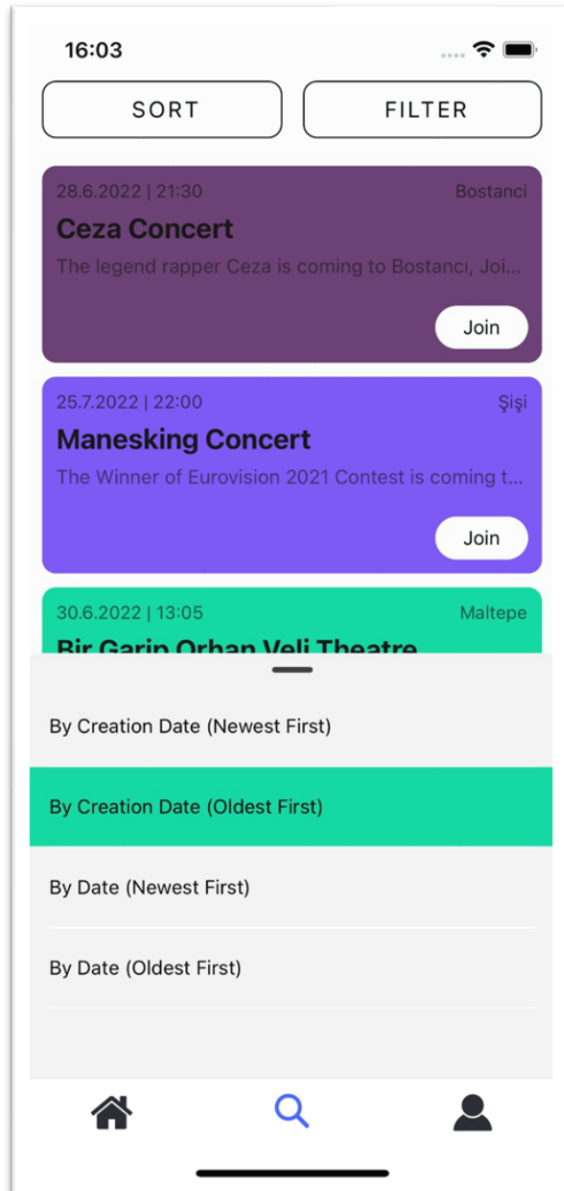
Participants (2)

Ali Em...

Search Events Screen



Sorting Sheet Open



Profile Screen

