

Software implementation title: SocialEvent

PROJECT GROUP MEMBERS:

1609059 Ahmet Naci Sahin

PROJECT MANAGEMENT:

Determining problem to solve, designing a solution and deciding technical details are initial tasks of the project and take 3 days. Main tasks was designing and implementing window approximately took 3 weeks.

Gantt chart:

from 16 dec. to 9 oct.	16	17	18	19	20	21	22	23	24	25	26	28	29	30	31	1	2	3	4	5	6	7	8	9
determinig problem																								
generating solution and designing main structure of app.																								
deciding programming lanauge and tech. details																								
designing and implementing login window																								
designing and implementing registration window																								
designing and implementing main windows																								
designing and implementing profile page																								
designing and implementing event page																								
designing and implementing search function																								
designing and implementing event creation window																								
integrating windows																								
prepareing project report																								

ABSTRACT:

Nowdays people argue about pros and cons of internet and the majority of these arguments include undesirable effects of internet on social relations. Internet brings humanity closer than ever, so they don't need a face to face communication. Researches, education, banking, simple everyday tasks, even shopping can be done without any communication with single person. Face to face communication is important aspect of our lives that decreasing dramatically over years.

The main focus of this project is to solve this problem. "SocialEvent" application designed to unite people, increase their communication, interaction and introducing new people to each other. It is a system that Individuals organize their events and publicize it then interested individuals are accompany them. Application users can do both with same account: publishing event or attend to a published event. Publishers give details about events and from event podium users apply to them by checking provided

information and software calculations. To explain target of software; event titles like "wine tasting online event", "singing in the sofa", "online dinner talk party", "weekly celebrity gossip party", can be given as an example. Application has a point system called "social point"; users collect these points by attending or organizing events and system assign social status level to those users. According to their social points system assign status level to users to add fun. Social status levels are "Someone", "Sparkle", "Newstar", "Superstar", "Supernova", "Legend". Every user own a profile page. Profile pages display social point, information provided by account owners and events that profile owner planning to participate. Users can search for other users, check out their profiles and check details about events they intend to participate. Users can check their own events and delete them from event podium when they are done. Navigation menu that is always located in the left edge of application provide access to every page of application and allow simple usage and quick change between pages.

User interface of the project will implemented by using tkinter library of python. To keep information about users and events, SQLite will be used. Application will consist of variety of windows, each will be implemented as a tkinter frame class. At the initial phase of development, each window (frame class) will be able to run its own for fast design, development and for easy testing. After implementation done and tests are successful windows will be integrated each other. Each frame class will contain necessary widgets, algorithms and the functions necessary to fulfill its task

LITERATURE REVIEW:

Checking out social network profiles of a friend candidate, fights between individuals caused by activities done in internet or marriages start with online dating, these all can be shown as evidence of significant change in dynamics of social interactions due to the rapid development of technology in recent years. One survey has shown that %74 of people prefer online communication instead of offline [1]. Excessive online communication rise anxiety decreased self-esteem, causing media addiction and not only deteriorating communication skills but also literature skills [2]. According to a study, Compared to non facebook users, more extraversion and low empathic social skills observed in facebook users [3]. One can say that internet is connecting people more than ever however studies revealed that people using internet while doing their every they task, fell disconnected from society instead of connected[4]. Main target of this application is to socialize people with face to face interaction instead of "face-to-digital device" interaction. Increase in usage of Event based social services (Plancast and meetup can be given as example) thrived new kind of social

network called event based social network(ESBN), ESBN can be defined as online social network that not just contain online interaction, but also capture the face-to-face social interactions via presenting events in the offline physical world.[5]. In this article we will consider some similarities and differences between other projects that can be classified as ESBN.

When we say social, first thing coming to mind is the largest online social network Facebook. Facebook own an event management system. Facebook event management system provides very good options for event organizing users; people can organize events as individual or organization and users able to set participant limit, customize event page, and invite their friends to the event through the system, set hashtags so event can be suggested to peoples interested in those specific hashtags unless its not selected as private event [6].Facebook's event system is similar to "SocialEvent" when advanced technologies excluded but the difference is "SocialEvent" concentrate to meet strangers.

Eventbrite is a global platform that allows anyone to create, share, find and attend events. Eventbrite involves payment and ticketing system for paid Events, report and analytics system for organizers, registration system that is integrated with other famous websites like Facebook or Instagram and own a unique seat reservation system [7]. Unlike "SocialEvent", design that mainly focused on organizations who want to create an event rather than individuals can be considered as a disadvantage however the design is not what making Eventbrite best in the field, it's Eventbrite's search engine optimization so that event seekers come across it easily. Usage of "event structured data" by Eventbrite developers lead to significant increase in Google Event Search traffic, in addition to this, via optimization website dominates the Google Search results and take the majority of internet traffic among other event based websites [8].

"All Events in City" application is another example for an EBSN. The objective of this application is to help the discovery of events for a specific city and features making it unique from "SocialEvent" are that own a system that is sending weekly recommendations for local events via email service, it's integrated with Google Calendar and it let users to upload event pictures.

Meetup application is most similar one to "SocialEvent" because of its individual-oriented design. Objective of this application which can be considered as EBSN is to create offline communication via online communication and users create groups for organizing events and people join to those groups [9].Meetup request 20\$ from organizers but this payment reduces the suspicion that the event is not real.

Plancast is another EBSN. Idea of it was, people can share their interesting plans on their calendars with their friends registered in the system but it

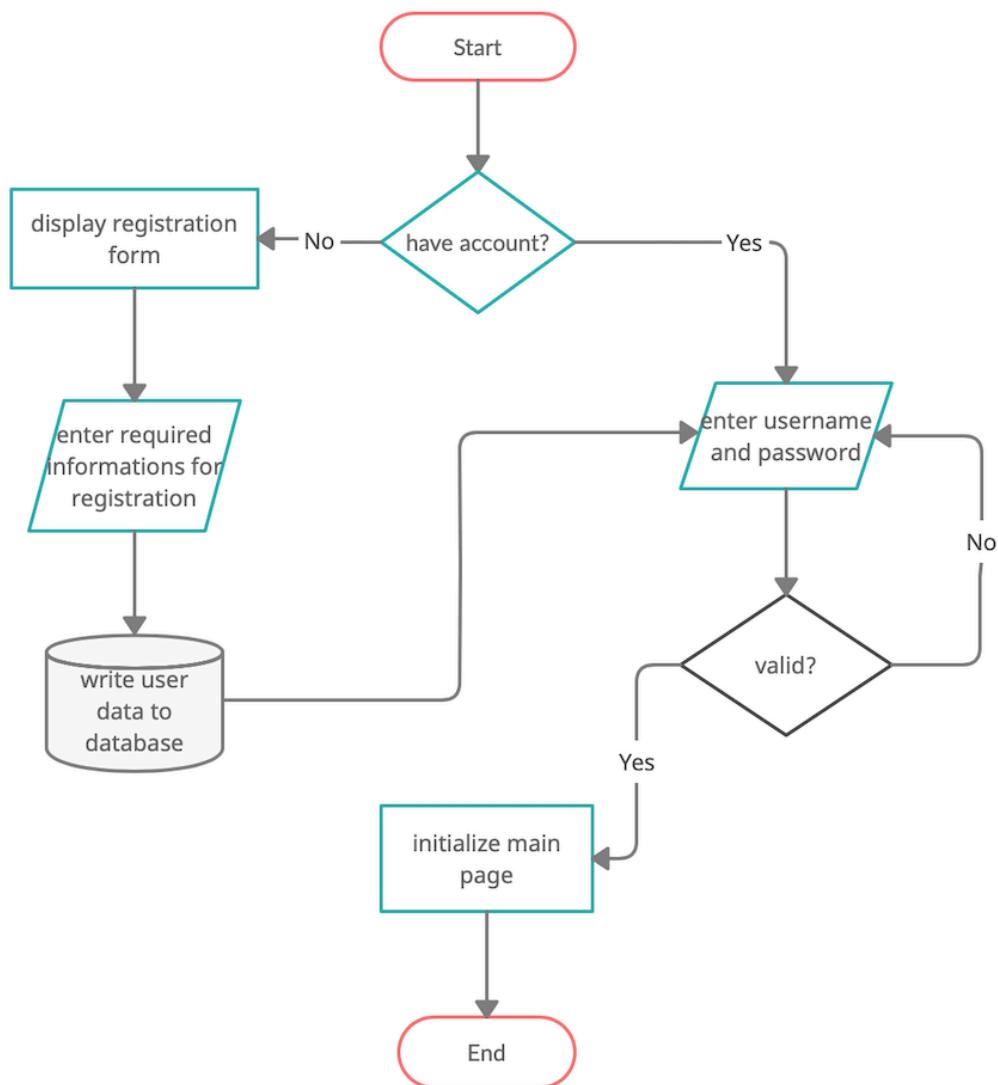
suffered from inclination, mainly because people are not constantly attending an event or they don't have interesting events in their calendar to share so there was a lack of user engagement[10].

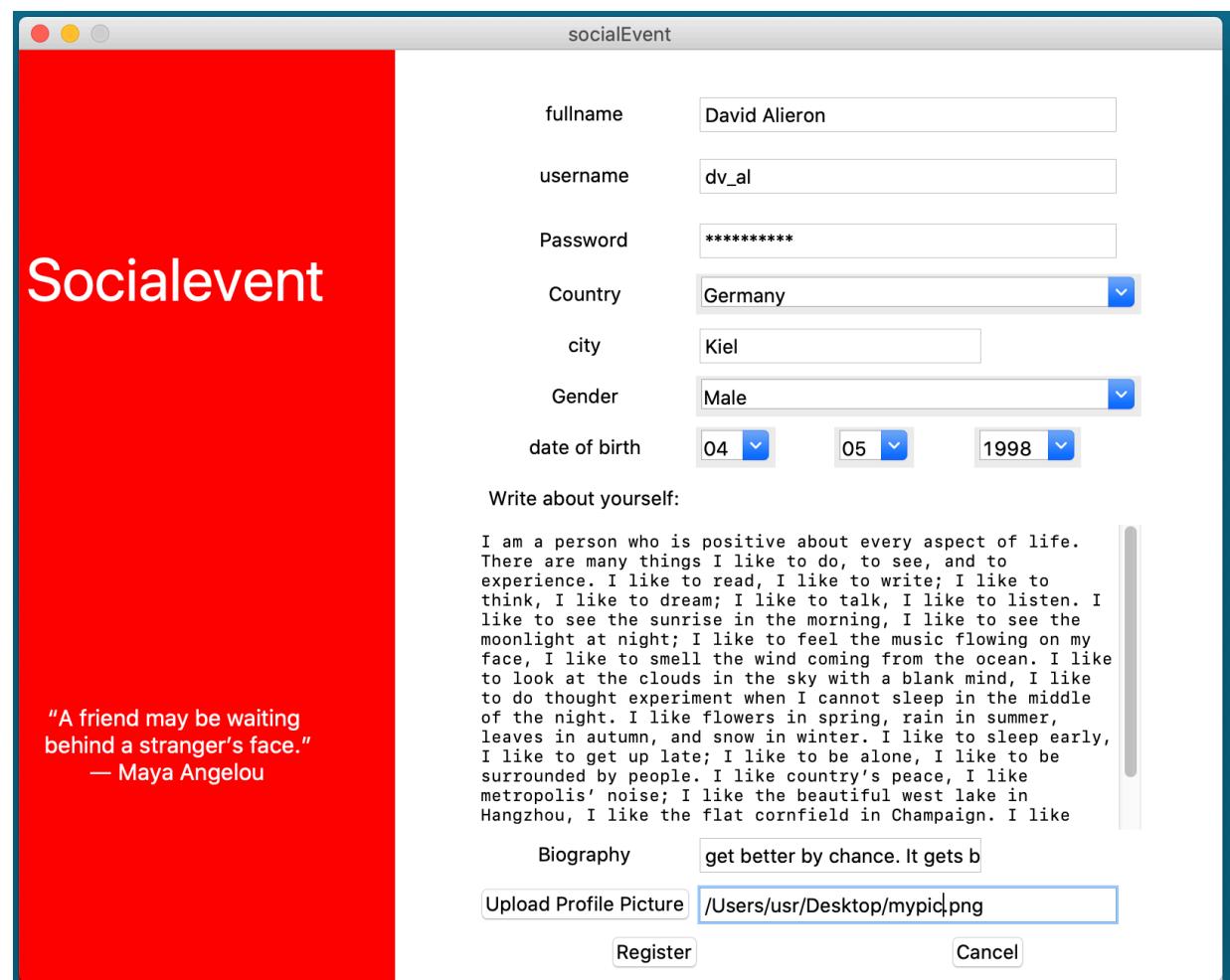
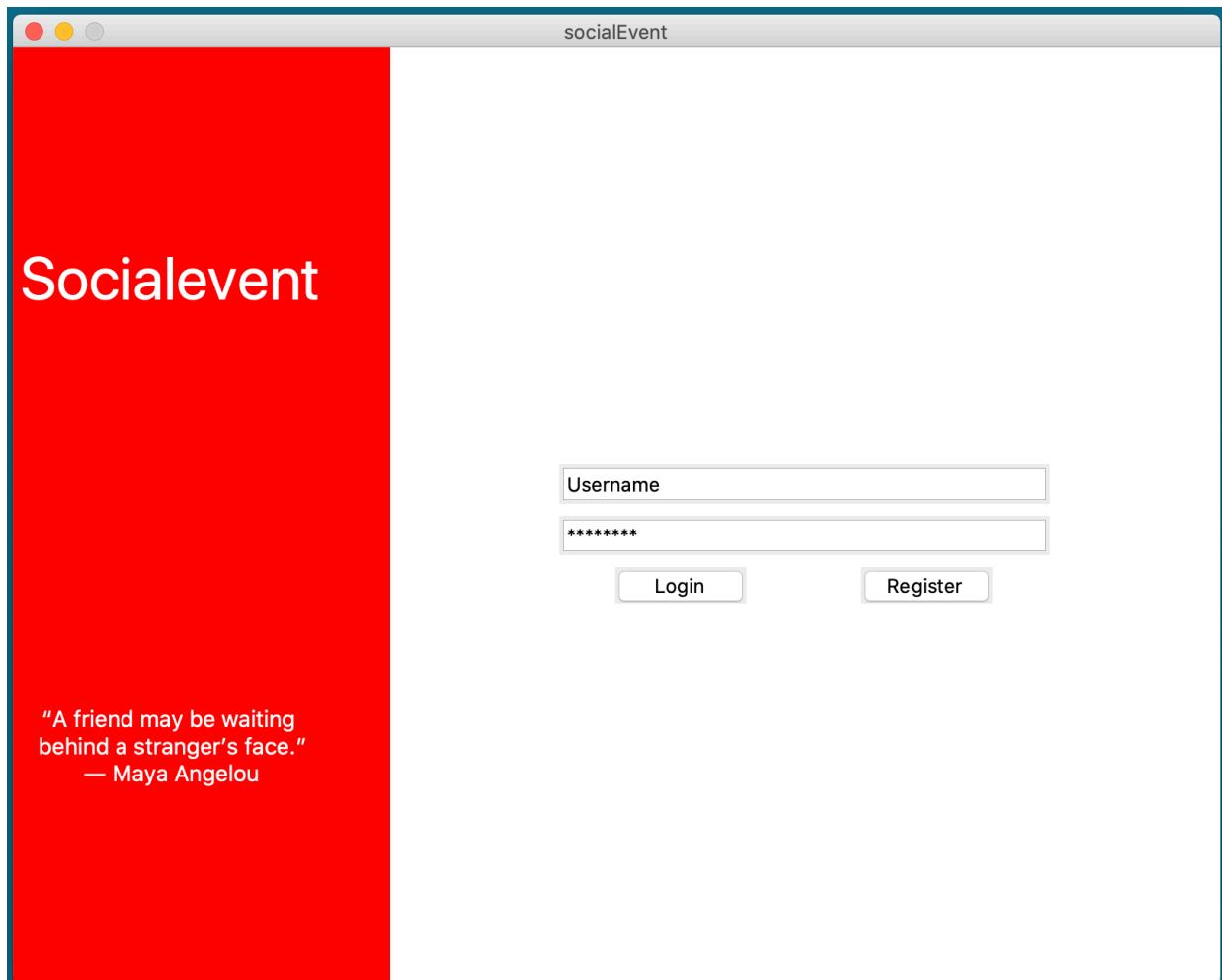
Social level point system in "SocialEvent" that users earn by organizing or attending to events is absent in 5 examples above and unique in its field. This system can be shown as "gamification" attempt. Gamification can be described as integration of features involved in video-games into different areas to help to build a strong and intrinsic motivation through individuals [11]. This system is rewarding engagement.

PROJECT DETAILS, FLOWCHARTS AND IMPLEMENTED PRODUCT:

Login window and registration window:

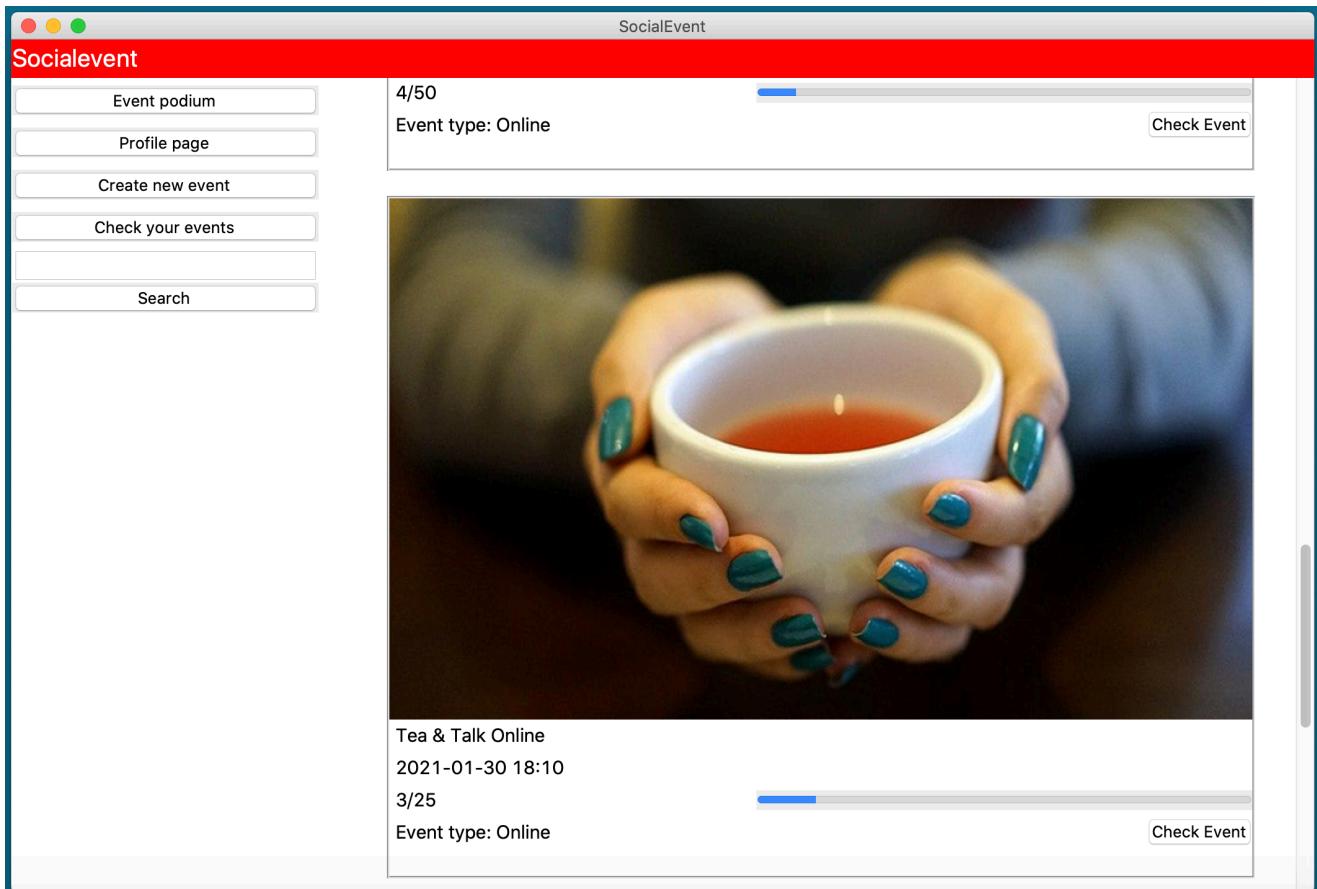
Login screen is welcoming users with a beautiful quote revealing purpose of application when application first starts. If user need to create account he/she need to open registration form. User need to select unique username and fill all required fields to be able to register





Registration window is requesting some informations to display them in user's profile page. Upload profile picture button open file explorer to get path of selected file.

Event Podium:



When user successfully login he/she first came across to Event Podium. Event podium is listing upcoming events uploaded in the system. Event podium is just showing some surface information like event representing picture, event title, date, type and organization's occupancy rate. Users can access more information about event by check event button. Navigation menu always located at the left side and independently from all windows, provide access to all pages and own a search function that can bring all usernames from database that match with entered pattern. User can visit profile page of users by simply clicking on their names.

Socialevent

SocialEvent

- Event podium
- Profile page
- Create new event
- Check your events
- d**
- Search**
- d_hloe
- d_holnet
- d_mare
- daria_3423
- darno
- darno_fenta
- ddjiloe
- demon_rnvo
- derbny
- derya_tk
- df_gmn
- dino
- dkle_potne
- dnz
- doll
- donatto
- dv_al

search results

The Sofa Singers - Session 85 - 'High' by The Lighthouse Family
2020-02-20 10:30
4/50
Event type: Online Check Event

Described as 'Fawlty Towers meets Agatha Christie'
IT'S MY PARTY AND I'LL DIE IF I WANT TO
Virtual murder mystery challenge MURDERED FOR MONEY

My Events:

Socialevent

SocialEvent

- Event podium
- Profile page
- Create new event
- Check your events**
- Search

The Sofa Singers - Session 85 - 'High' by The Lighthouse Family
2020-02-20 10:30
4/50
Event type: Online Check Event
Delete Event

Tea & Talk Online
2021-01-30 18:10
3/25
Event type: Online Check Event
Delete Event

English Whisky Society - Virtual Festival 2021
2021-10-18 21:30
5/100
Event type: Online Check Event
Delete Event

My events page display list of events created by user. They can check status of their events by check event button or remove them from event podium by delete button. This page share same frame class with event podium. Corresponding class will display widgets and get required data according to mode passed as parameters to it's main function.

User profile:

Socialevent SocialEvent

ahm_shn

Profile picture: A large red circle containing a white question mark.

Profile information:

- Name:** Ahmet Sahin
- Location:** Simplicity is the key to happiness, Samsun/Turkey
- Social Points:** 1200
- Legend:** (not visible)

About me:

My name is Ann Smith. I am a senior in high school. Everyone can agree that I am a good student and that I like to study. My favorite subjects are chemistry and biology. I am going to enter the university because my goal is to study these subjects in future and to become a respected professional in one of the fields.

I can say that I am a responsible and a hard-working student. Moreover, being a sociable person, I have many friends since I like to communicate with people and get to know new interesting individuals. I enjoy my time at school: it is really nice to study, the students are very friendly and ready to help. The atmosphere cannot but make me want to go there every time. I like to receive and deal with challenging tasks. I am a very enthusiastic student and I think this is a strong point of mine.

My friends say that I am a very funny and an interesting girl with a good sense of humor. As soon as I meet new people who are happy to meet me, I feel extremely comfortable with them. I believe that friendship is one of the most important values in human life. We exchange new ideas, find many interesting things about each other and experience new things. I appreciate friendship and people who surround me.

Meeting new people who support all my efforts to grow and develop my skills not only in the subjects but also in my hobbies gives me a lot of energy. Many of those friends who surround me now I met on the street while doing my hobby. I'm in love with photography, so the thing I love doing so much became even more enjoyable. I decided to take beautiful pictures of accidental people and share these photos with them by emails or in social media. I feel happiness inside seeing how happy they are looking at the pictures where they are walking or sitting somewhere in the park. In this way, Liza became my best friend and we both believe that we meant to meet because she studies the same classes and we have similar life goals.

The goal I'm currently striving for is to make this world a better place to live in by starting the changes with myself. Sure, I've had bad experiences in my life too, but this is exactly what made me the way I am now: grateful, full of love, with a desire to study well because it will help me become a successful person in future and have a high quality of life. I believe that it is manifesting day by day and I feel even more responsibility for what I do and where I go. With all I already have, I know that I'm on the right path and I will do my best to inspire others to live the way they feel like living as well.

A

Socialevent SocialEvent

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events im participating:

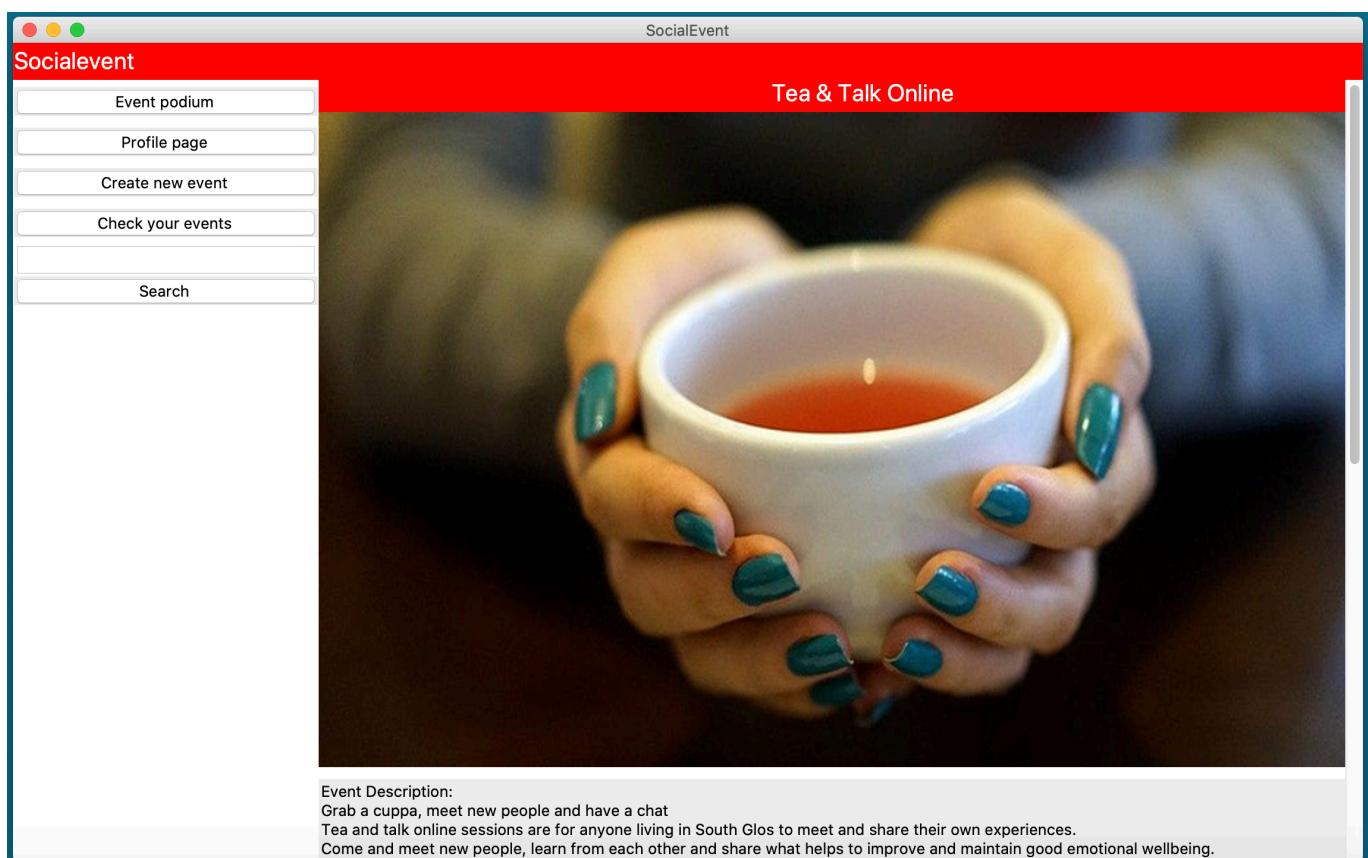
Digital Dinner Party	Check Event
The Sofa Singers - Session 85 - 'High' by The Lighthouse Family	Check Event
It's My Party and I'll Die if I Want To - Virtual Murder Mystery Challenge	Check Event
Tea & Talk Online	Check Event
English Whisky Society - Virtual Festival 2021	Check Event

B



Figure A is top and B is bottom of profile page. Profile page listing all informations taken from database by username. Social point and level is displayed at top right corner of window, main informations are at the center. And profile page and username is at the left side. At the bottom of window, events that user is planning to participate is listed. Users can check details of that events by clicking button next to them just like in event podium page.

Event Details:



Top

SocialEvent

Socialevent

Online sessions are approximately 1 hour and you are welcome to join or leave the session at any point.

Event podium	Group rules
Profile page	Respect each other
Create new event	Give space to each other
Check your events	No swearing at each other
	If we are worried about anyone we will do what is needed to keep them safe
	What is said online, stays online
	If you need to leave the chat, message someone in the chat, so we know you are OK.
	What is probably different is that we need to ask everyone to have a private space when they join a session in the same way that we have a private space when we all meet face to face.

Search

What is Needed:

Tips for joining the group
 Things that may help when joining online peer support.
 If you have earphones with a microphone – use these as it is usually easier to hear others, and we can hear you better.
 If you are not speaking ‘mute’ your microphone.
 You may find the connection better if you download the Android App or iOS App but you do not need to have the App to join in.
 If you get stuck with any of the IT we have some volunteers who may be able to help - get in touch by emailing wellbeing@southernbrooks.org.
 You can also join the session using a mobile phone or landline phone, details will be sent when you have booked a session.
 One You South Gloucestershire is for all adults over the age of 18 who are South Gloucestershire residents or registered with a GP practice in Gloucestershire.
 These sessions are run by Southern Brooks Community Partnerships on behalf of South Gloucestershire Council.
 For more information about healthy lifestyles and wellbeing in South Gloucestershire please visit oneyou.southglos.gov.uk/p8

Date/Time: 2021-01-30 18:10
 Duration: 5
 Location: Online Event
 Payment No

This event viewed: 3 Times
 There are: 3/25 Participants in this event

[Join Event](#) | [Go Back](#)



Bottom

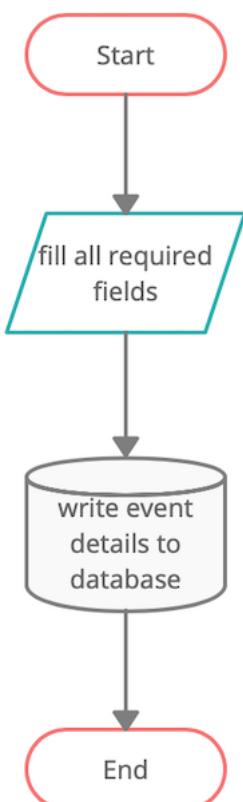
Event details page is listing information provided by its organizer. This page also counts the number of times the event was viewed and calculates the number of participants. Users can join the event from this window.

Creating an Event:

Create New Event

New Event by ahm_shn

Event Name	Wonder Woman 1984 online review and chat		
Date/Time	30 01 2021 23 30		
Duration	4-6	Any payment?	No
Location	Online Event		
Event type	Online	Maximum participant	15
Describe your Event			
Diana (Gal Gadot), it transpires, now works for the Smithsonian Museum in Washington. Another employee is socially awkward, downtrodden Barbara Minerva (Kristen Wiig, excellent), a geologist charged with dating a hoard of artefacts that have just come in – including a stone that she initially judges as fake, but soon discovers is of a worth that you cannot put a price on (not least as a MacGuffin).			
Spesifications	Digital device....		
Upload Event Picture		/Users/usr/Desktop/Ekran Resmi 2021-01-09 20.29	
<input type="button" value="Create Event"/>			



"Create new event window" is a pop up window. Here user need to provide all details shown in figure to be able to create new event. If user successfully create event this event will be displayed in event podium and users will be able to join it unless it is full.

Code of the project: <https://github.com/AhmetNSHN/EBSN>

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