ROWAD EVENTS MANAGEMENT SYSTEM

THESIS SUMITTED AS A PARTIAL REQUIREMENTS 0F B.Sc. (HONOR)

DEGREE IN SOFTWARE ENGINEERING

October 2017

الله الرحمن الرحيم

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ROWAD EVENTS MANAGEMENT SYSTEM

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October 2017

……

الآيـة

(قَالَ الَّذِي عِنْدَهُ عِلْمٌ مِنَ الْكِتَابِ أَنَا آتِيكَ بِهِ قَبْلَ أَنْ يَرْتَدَّ إِلَيْكَ طَرْفُكَ فَلَمَّا رَآهُ مُسْتَقِرًّا عِنْدَهُ قَالَ هَذَا مِنْ فَضْلِ رَبِّي لِيَبْلُوَنِي أَأَشْكُرُ أَمْ أَكْفُرُ وَمَنْ شَكَرَ فَإِنَّمَا يَشْكُرُ لِنَفْسِهِ وَمَنْ كَفَرَ فَإِنَّ رَبِّي غَنِيٌّ كَرِيمٌ).

سورة النمل الاية (40)

الحمد لله

لك الحمد يا مستوجب الحمد دائما ،حمدا يكافئ جميل نعمائك وجزيل عطائك

ACKNOWLEDGEMENT

To our supervisor,without his deep insights ,would have reach this level of excellence

……Dr.Amjed Izzedin

To our wonderful mother whom has stood by our side unconditionally

……Dr.Wafaa faiasal

To those people who have enriched our lived during these wonderful years

……College of Computer Science staff

DEDICATION

To my wonderful mother, who has always kept believing in me, and reminding me that I was destined to realize my dream

……. Najat Mohammad Hossien

To that man, who by his good deeds kept me striving to be like him,and his reminder that hard work will always pay off

…… saif-aldin ameen omar

To my uncle friend and brother, I admire the most

……. Hossien Mohammed Hossien

To my dear friend, with whom I shared the most amazing moments of my life

……..

Montaser

To my parents without their sacrifices, I would have never dreamt about reaching this stage of my life

……Hamed Idris Adam and Amoona Abdelqadir

To my wonderful family, through their guidance and support, even the slightest of it, made a great impact on my life

……...My brothers,sisters,and the whole wonderful family

To my friends and colleagues, whom I consider them my family

……...My Colleages in computer science and software engineering departments

Obey

To Sudan startup hub, our second home, whom has transformed our concepts about many things in life and business.

Abstract

Networking is an essential part of entrepreneurs' life, because it is an important source of knowledge, mentorship and exclusive opportunities. Most entrepreneurs who have failed before was due to lack of connections, which in part was due to lack of networking activities.

The proposed system was made in order to address this problem to give new entrepreneurs an edge as seasoned business person, it will create a community of entrepreneurs and alert them about events they are interested in according to their sharing preferences. Thus, ensuring that attendees will share same interests which will offer better prospects for networking, accounts will be exchanged via QR (Quick Response) codes for faster, easier and more accurate exchange of information during in the fast-paced events environment.

Events' sponsoring organization will also benefit from this system, because it will give attendees the ability to rate, review and give feedback about events, which will help them to tune up their future ones to better suit their audience, and satisfy their desire which will give entrepreneurs the motivation to rate and evaluate the events they have attended.

المستخلص

التواصل جزء لا يتجز من حياة رواد الأعمال لكونه مصدرا مهما من مصادر المعرفة،والتعلم،والكثير من الفرص .معظم رواد الأعمال الذين فشلوا في بداية تجربتهم يرجع ذلك إلى قلة أو عدم وجود علاقات عمل كافية هذا نتيجة لقلة أنشطة التواصل التي يقومون بها.

تم تصميم النظام المقترح لمعالجة المشكلة المذكورة مسبقا بالإضافة إلى مساعدة رواد الأعمال ليصبحوا كرجال الأعمال الناجحين، حيث يكون مجتمعا من رواد الأعمال يقوم بتنبيهه بالفعاليات التي أبدوا اهتمامهم بها مسبقاً بناء على تفضيلاتهم،مما يسهل التواصل بين الحاضرين حيث الاهتمامات المتشابهة، مما يشجع تبادل الأفكار والنقاشات وكذلك يتم تبادل الحسابات بين الرواد عن طريق QR code كنوع من التواصل الشيء الذي يضمن تبادل الحسابات بصورة فعالة وسريعة علماً بأن بيئة الفعاليات تتسم بالمحادثات بنفس الصورة.

تستفيد الجهات المنظمة للفعاليات بصورة أو بأخرى من هذا النظام ، حيث تساعدهم أراء الحضارين في تحسين الفعاليات ومراقبة مدى تأثيرها على المستهدفين بالإضافة إلى إمكانية اقامة الفعاليات المستقبلية بصورة تلائم المستهدفين بشكل أفضل،مما يعطي الرواد الدافع لإبداء أرائهم حول الفعاليات بشكل موضوعي الامر الذي يحسن من جودة هذه الفعاليات .

List of Terms

Term	Description
IEC	Innovation and Entrepreneurship Community
PHP	Hypertext Preprocessor
webRTC	Web Real Time Communication
HTML	Hypertext Markup Language
QRCode	Quick Response Code
CSS	Cascade Style Sheet

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Chapter One
Introduction

Introduction:

Networking is pretty much an essential part of success that's why organization interested in entrepreneurship have been always striving for create social network that entrepreneurs can interacting, communicating and sharing their knowledge and experiences.

Relationships and networking also have been important in internationalization studies for some time and for small business in particular because they helping them in overcome resource poverty because it makes a lot of resources accessible [1].

Entrepreneurship' Organizations holding events in order to develop entrepreneurs themselves, raising their awareness, improving their skills to build interactive communities [1]. that is why events is important for networking.

Problem statement:

Traditional events' advertising methodologies such as posting posters in the websites or social media is not enough to grantee that the advertisement will reach the right hand, also the ordinary manners of doing networking such as verbal communication or exchanging business cards at gathering places like conferences, workshops or other events takes a lot of time.

Same problem occurs when the events have been managed traditionally and usual methodologies such as inquiring the attendees or handing them papers have been used to get their feedback about the event, it is not only time consuming, it also need effort to be done.

Solution:

The research problem can be solved by using the available technologies to develop online platform that make organizations that interested in holding events capable of smart advertising which is directed advertising that grantee the advertisement will be sent to the right people, providing smart manners of networking via using QR code technology to share information between the attendees ,facilitating the process of getting feedback from the attendees and use it to organize more valuable events fulfill their needs and satisfy their desires.

Objectives:

This research is aims to:

- Provide a platform where entrepreneurs can find and track interested events.
- To more sophisticated advertisement, where the advertisement reached someone really interested.
- Provide ability to contact with groups that have been chosen to attend the event.
- Providing smart technique for communicating and networking
- To more valuable events in feature based on the feedback and suggestions have been taken from the attendees.

Research Questions:

- How the entrepreneurs can find and track suitable events?
- How the advertising process can be more Customized?
- How the organizers can communicate with selected groups of attendees?
- How the proposed networking technique can save time?
- What the different between the traditional and proposed feedback technique?
- What the benefit of using QR code technique in networking regardless of time saving?

Scope:

The scope of this research is specified by developing online platform that enables entrepreneurs to find interesting events through providing two search options; search by date and search by category, help organizers to direct their advertisement to special segment of entrepreneurs, provide ability for the organizers to contact with group which has been selected to attend the event, providing technique for networking that enables attendees to exchange their information via scanning the QR code , providing ability to rate ,give feedback and suggest what should be added to the next event through the platform.

Research structure:

This project is divided into sixth chapters organized as follows, first chapter describe the problem of this research, proposed solution, objectives, research questions, scope and structure has been followed in writing this research, the second chapter briefly describe the background of research domain and it also shows some of previous studies relevant to this research, the third chapter discusses the tools and technologies have been used in developing the platform and also describe methodology has been followed in developing the project, the fourth chapter shows the system functionality and analysis using UML diagrams, the fifth Chapter explains the actual implementation of the system and how it operate to perform it's tasks, Finally the sixth chapter which contain the result, Conclusion, discussion and recommendation.

Chapter Two Literature Review

Background:

Entrepreneurship has been defined as “New products, services or production processes; new strategies and organizational forms and new markets for products and inputs that did not previously exist” [2].

When a person decides to start a business, he or she will start a lot of process called the entrepreneurial process [2], then we can call him an entrepreneur if he satisfies the conditions have been specified to describe entrepreneurship activities which are going to be mentioned in the next paragraph.

Entrepreneurship is one of great importance factor in every economic cornerstone of the economy. It enhances competition, innovate, and create new products and new jobs [2].

The term Entrepreneurship is connected with many different approaches, and it has been influenced by many factors, the most important one is networking [2].

Impotence of Networking:

Networking is one of the most essential personal skills for business people, but it is extremely important for entrepreneurs [2].

Business networking events organized by entrepreneurs' organization attract people from different experience levels and backgrounds, bring together extraordinary groups of highly-skilled and talented entrepreneurs, these groups are really aware to the idea of communication and importance of networking.

Communication and building strong network through attending such events and entrepreneurial ecosystem meet ups are productive approaches besides it is a great way to use the power of the internet, to makes a lot necessary resources accessible, it will help entrepreneurs along their way to building strong relationships with other entrepreneurs from different age groups, nationality and fields of interest [4].

Looking for new connections, inspiration, experiences and opportunities besides Sharing, creating and developing ideas are the main motivation for both entrepreneurs and organization interested in entrepreneurship to hold such events, from this perspective a lot foundation interested in entrepreneurship all over have been created such as Flat6lab in Tunisia, UAE, KSA, and Egypt, Qotuf in KSA and IEC in Sudan,

Related studies:

Flat6labs events:

Flat6Labs is a regional startup accelerator program that fosters and invests in bright and passionate entrepreneurs with cutting-edge ideas. They provide seed funding, strategic mentorship, a creative workspace, a multitude of perks, entrepreneurship-focused business training, and directly support our startups through an expansive network of partner entities, mentors and investors. We create an environment where you can advance your company [5].

Flat6labs Event Section:

Flat6labs has event section which contains all Events that organize by them [5].

The events section shows calendar which contain all events and display the next events and previous events through calendar in addition to provide the ability of searching events by its location.

The benefits of the proposed system comparing to Flat6labs:

Rowad help the entrepreneurs to easily find the suitable events by provide searching by category to find the event that you may interest in, and also search by date to specify what is event is suitable to your time schedule.in addition to the most important value of these events the ability of sharing the information smartly by scanning the QR code.

Rowad also help the organization to guarantee that their events ads have been delivered to the right people.

Qotuf:

Qotuf is the first Saudi private sector, none profit entrepreneurship foundation, it was established in late 2012, and became active in 2013, to foster the sustainable development of entrepreneurship in Saudi Arabia.

Experienced Saudi entrepreneurs established Qotuf to support and fulfill the needs of aspiring Saudi entrepreneurs through the launch of initiatives, with private and public sectors in affiliation with organizations in over 165 countries [6].

Qotuf Event Section:

The event sections in Qotuf website show the previous and upcoming events that organized or will be organized by Qotuf in addition to capability of search by date, this feature can filter the process of searching and make it a bit easier.

The benefits of the proposed system comparing to Qotuf:

Rowad will provide various search keys such as category, location in addition to date, which make the process of finding an interesting event much easier.

Rowad also provide more sophisticated advertising services, the capability that enables you to grantee that your advertisement has been accurately directed.

Through Rowad, the entrepreneurs can exchange their information during the event via scanning their QR codes.

IEC Sudan:

IEC Sudan or (Innovation and Entrepreneurship Community) is one of the organizations that concerned with entrepreneurship in Sudan. The center was founded by a group of talented and aspiring Sudanese Entrepreneurs [7].

IEC was launched in 27 April 2013, and has witnessed a new birth in Feb 2015 to become Innovation and Entrepreneurship Community with the original vision and goals which is build a vibrant startup community through organizing events, holding workshops increase the awareness of their targeted beneficiaries with entrepreneurship [7].

IEC Events Section:

IEC when you visit website you will notice that they develop an events sector to advertising their workshops, programs and conference, this enables entrepreneurs to find and track the events held will be hold by IEC Sudan.

The benefits of the proposed system comparing to IEC Sudan:

For entrepreneurs Rowad will be the platform where entrepreneurs can find and track all the event related to entrepreneurship in Sudan in a single place.

For the organization that interested in entrepreneurship Rowad will offer the place to advertise their events in addition to ability of send an advertisement to special segment of users according to the information they provide, this feature makes the advertising more effective and valuable.

Rowad & Previous Studies compression:

Study	Country	Similarities	Differences
Flat6lab	Tunisia KSA Egypt UAE	-Advertising space Events calendar -previous\upcoming events -Search by location	-Directed ADS via Email and SMS -Search by category -Ability to rate events and give feedback -Smartly contact with attendees via QR Code
Qotuf	KSA	-Advertising space -Event calendar shows previous\upcoming events -Search by date	-Directed ADS via Email and SMS -Search by category -Ability to rate events and give feedback -Smartly contact with attendees via QR Code
IEC Sudan	Sudan	-Advertising space -Description of previous events	-Directed ADS via Email and SMS -Search by category -Ability to rate events and give feedback -Smartly contact with attendees via QR Code

table 0-1 Rowad & Previous Studies compression

Chapter Three
Research Tools & Methodology

Introduction

This chapter consists of sections, the first section will describe the tools and techniques have been used to develop the system and the second section will describe the system design and analysis using UML diagrams.

Tools

Laravel PHP:

At this stage his work will focus only on the features used during the building Rowad website, so it will not be large enough to cover the entirety of the features of the whole Laravel framework [8].

Definition:

Laravel is a web application framework that tries to ease the development process by simplifying repetitive tasks used in most of today's web applications.

Laravel is one of the highly used, open-source modern web applications Framework that designs customized web applications quickly and easily, and it has been preferable by web developers over to other frameworks because of the performance, features, and scalability it offers in addition to following Model View Controller (MVC) which makes it more useful than PHP [14].

Laravel's main features:

Authentication:

Authentication is the most important part of any web application, and it takes a lot of time to write the authentication code manually.

Authentication has become simpler with Laravel specially the 5th addition.

Application Logic:

It can be implemented within any application either using controllers or directly into route declarations using syntax similar to the Sinatra framework.

Laravel is designed with privileges giving you the flexibility that you need to create everything from very small sites to massive enterprise applications.

Caching:

Caching is temporary data storage used to store data for a while and can be retrieved quickly.

It is often used to reduce the times we need to access database or other remote services.

Laravel is a wonderful tool to keep your application fast and responsive.

Testing & Debugging:

Laravel provide testing and debugging tools such as Laravel debug bar that save a lot of time to the developer.

QR code technology:

A QR code (short for "quick response" code) is a type of barcode that contains a matrix of dots [8].

It can be scanned using a QR scanner or a smartphone with built-in camera, once scanned, software on the device converts the dots within the code into numbers or a string of characters.

For example, scanning a QR code with your phone might display an image, text, or open a URL in your phone's web browser.

All QR codes have a square shape and include three square outlines in the bottom-left, top-left, and top-right corners. These square outlines define the orientation of the code.

GitLab:

gitLab is an online Git repository manager with a wiki, issue tracking, and It is a great way to manage git repositories on a centralized server.
GitLab gives you complete control over your repositories or projects and allows you to decide whether they are public or private for free [8].

WebRTC:

WebRTC is a free, open project that provides browsers and mobile applications with Real-Time Communications (RTC) capabilities via simple APIs [9].

The WebRTC components have been optimized to best serve this purpose.

Laravel Debugbar:

The Laravel Debugbar is an indispensable tool for debugging Laravel applications [10].

Bootstrap 4

Bootstrap is a powerful front-end framework for faster and easier web development. It includes HTML and CSS based design templates for common user interface components like Typography, Forms, Buttons, Tables, Navigations, Dropdowns, Alerts, Modals, Tabs, Accordion, Carousel and many other as well as optional JavaScript extensions [11].

Bootstrap also gives you the ability to create responsive layout with much less efforts.

Main features:

- ### Responsive features:

  Using Bootstrap, you can easily create responsive designs. Bootstrap responsive features make your web pages to appear more appropriately on different devices and screen resolutions without any change in markup.

- **Consistent design:**
  All Bootstrap components share the same design templates and styles through a central library, so that the designs and layouts of your web pages are consistent throughout your development.

- **Compatible with browsers:**
  Bootstrap is created with modern browsers in mind and it is compatible with all modern browsers such as Mozilla Firefox, Google Chrome, Safari, Internet Explorer, and Opera.

- **Open Source:**
  And the best part is, it is completely free to download and use.

jQuery:

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers [12].

Why we used it:

jQuery is very compact and well written JavaScript code that increases the productivity of the developer by enabling them to achieve critical UI functionality by writing very small amount of code.

Main features:

- It helps to improve the performance of the application
- It helps to develop most browser compatible web page
- It helps to implement UI related critical functionality without writing hundreds of lines of codes
- It is fast
- It is extensible – jQuery can be extended to implement customized behavior.

HTML5:

Is the latest version of Hypertext Markup Language, the code that describes web pages, It's actually three kinds of code: HTML, which provides the structure; Cascading Style Sheets (CSS), which take care of presentation; and JavaScript, which makes things happen [13].

HTML5 has been designed to deliver almost everything you'd want to do online without requiring additional software such as browser plugins. It does everything from animation to apps, music to movies, and can also be used to build incredibly complicated applications that run in your browse [13]r.

HTML5 is cross-platform, which means it doesn't care whether you're using a tablet or a smartphone, a netbook or Smart TV.

CSS:

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts, It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers [14].

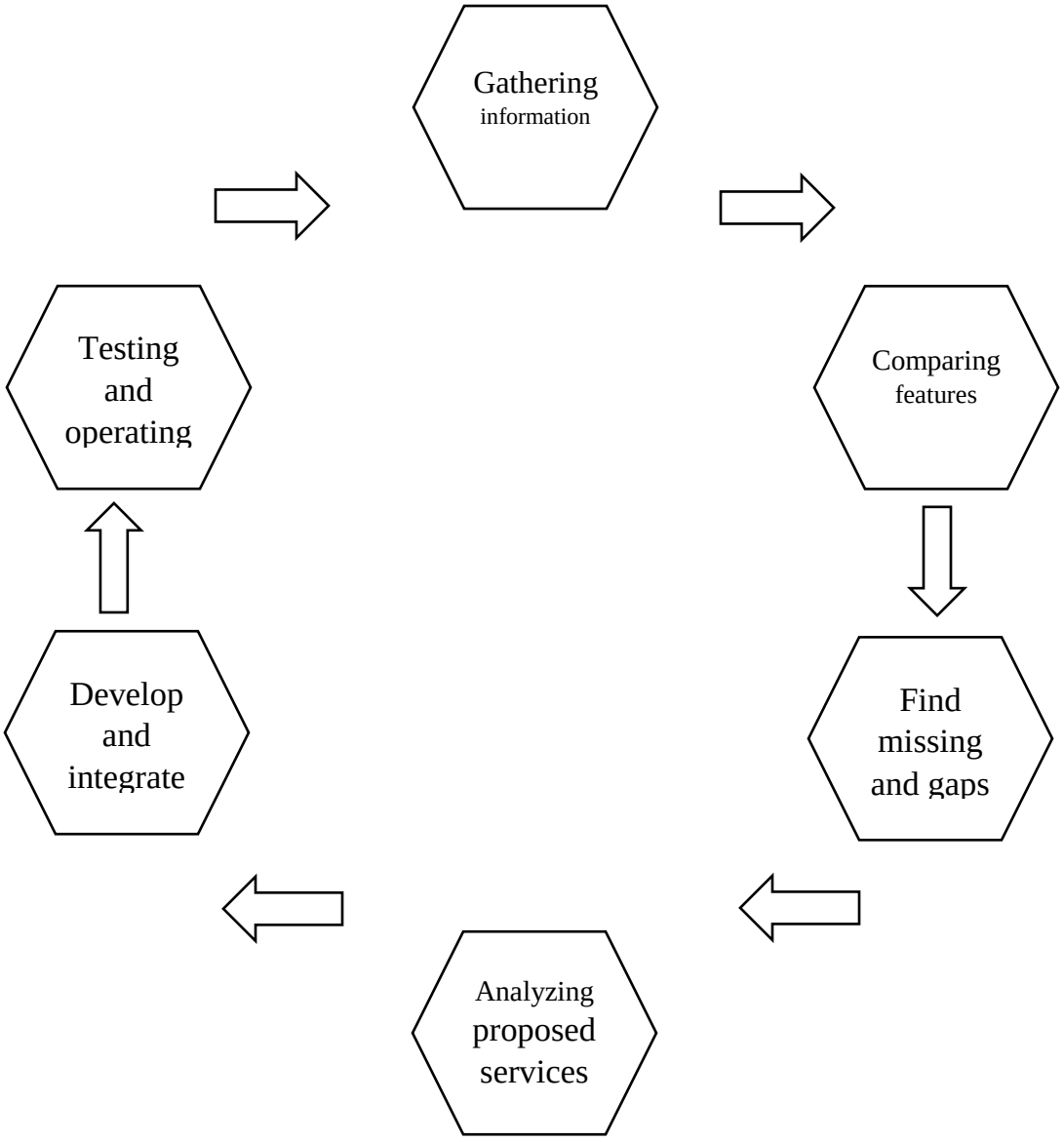
CSS is independent of HTML and can be used with any XML-based markup language. The separation of HTML from CSS makes it easier to maintain sites, share style sheets across pages, and tailor pages to different environments [14].

MySQL:

MySQL is the world's most popular open-source database. Despite its powerful features, MySQL is simple to set up and easy to use [15].

Methodology:

The diagram below shows the steps that we followed to complete the project:



Methodology:

Gathering information:

At this phase we gather as much as possible amount of information about the platforms that concerned with entrepreneurs and entrepreneurship.

Comparing the features and services.

Here we comparing the features and the services provided by these platforms.

Find missing and gaps between services provided by similar foundation:

As a result of the compression process we come out with a lot gaps and missing in these services.

Start analyzing the services supposed to be provided:

We tried to fill the missing part by specifying the services we are going to provide through our platform.

Develop and integrate the project parts:

We developed our platform as units and after that integrate it together to build the platform.

Testing and operating:

After the integration process we test the platform and operate it to check how it perform its proposed task as well or not.

Chapter Four
Analysis

The fallowing diagrams describe our proposed system:

First: use case diagram:

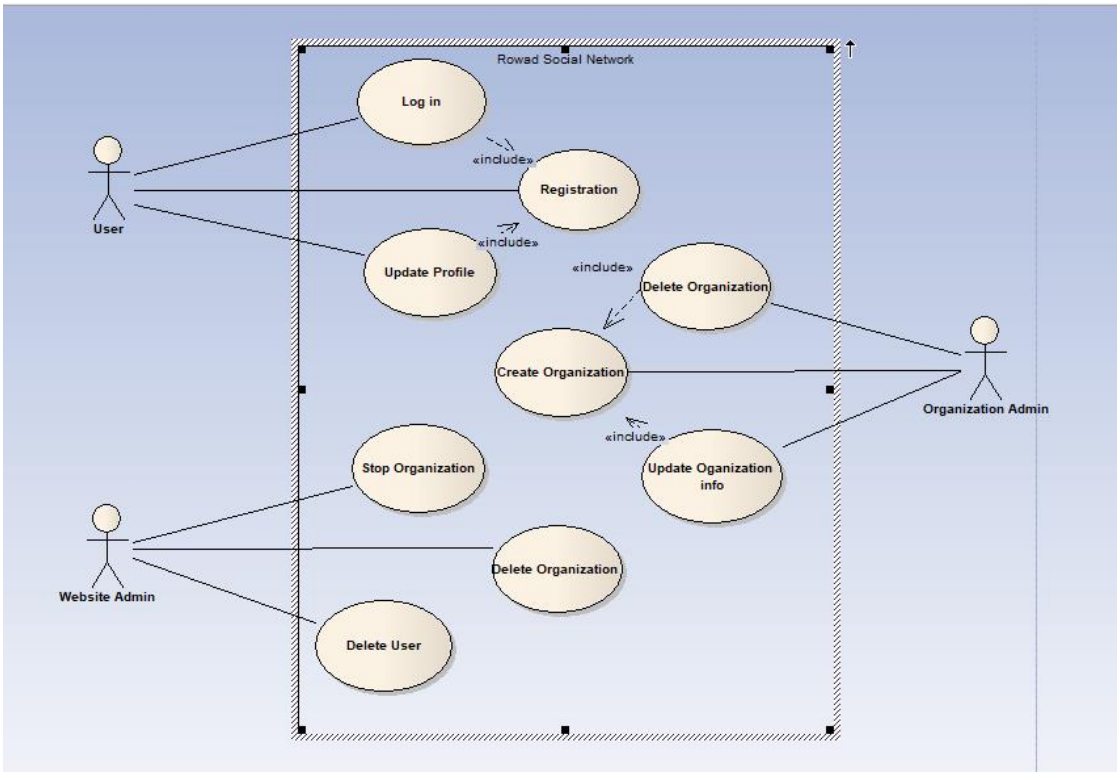


Figure 3-1 organization use case

This use case diagram shows the main actors and their function and permeations for user system (login and register) and organization.

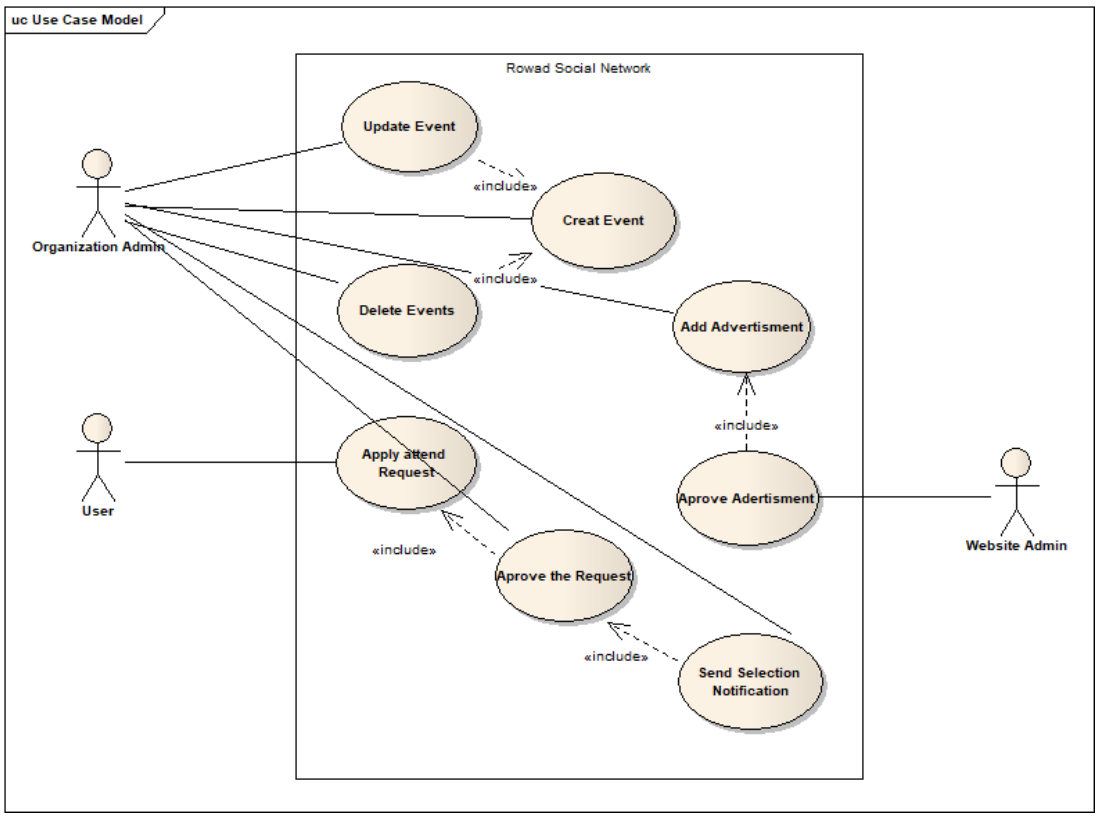


Figure 3-2 Events use case

This diagram explains the interaction between use cases in event management section.

Second: sequence diagram:

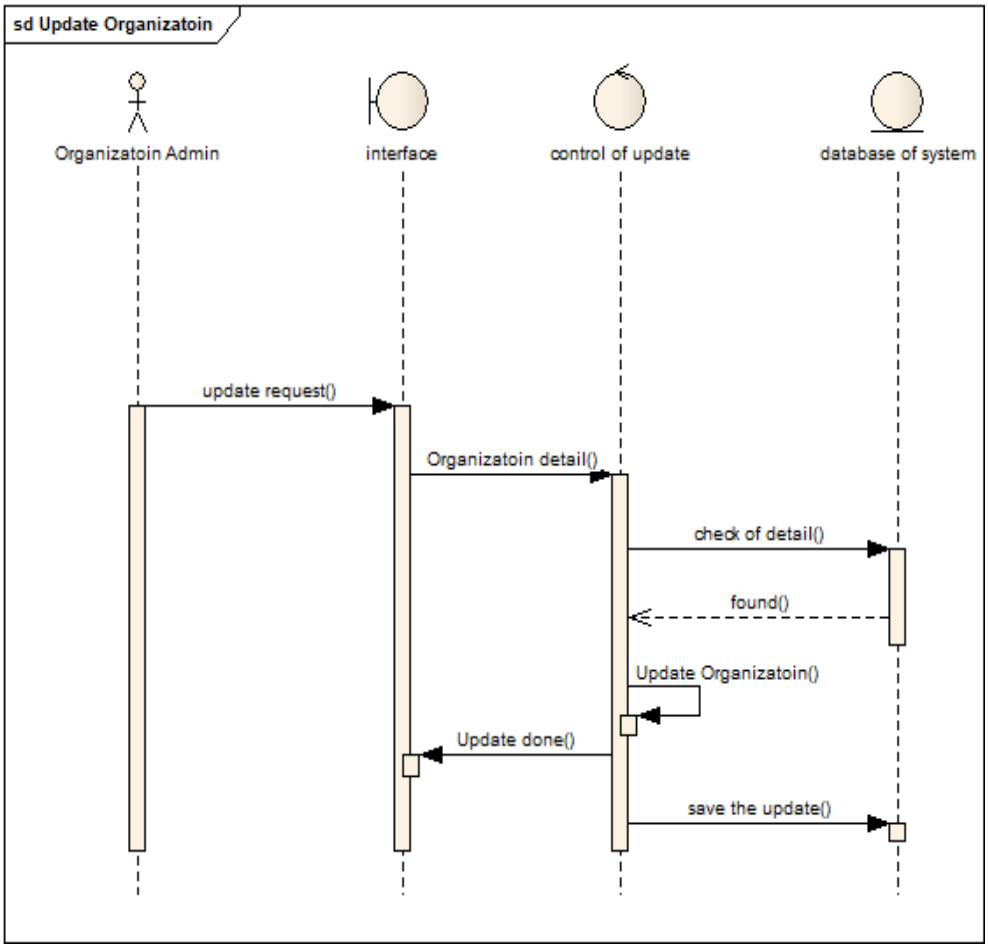


Figure 3-3 Organization update

diagram outlining how the process of updating an organization's details is done.

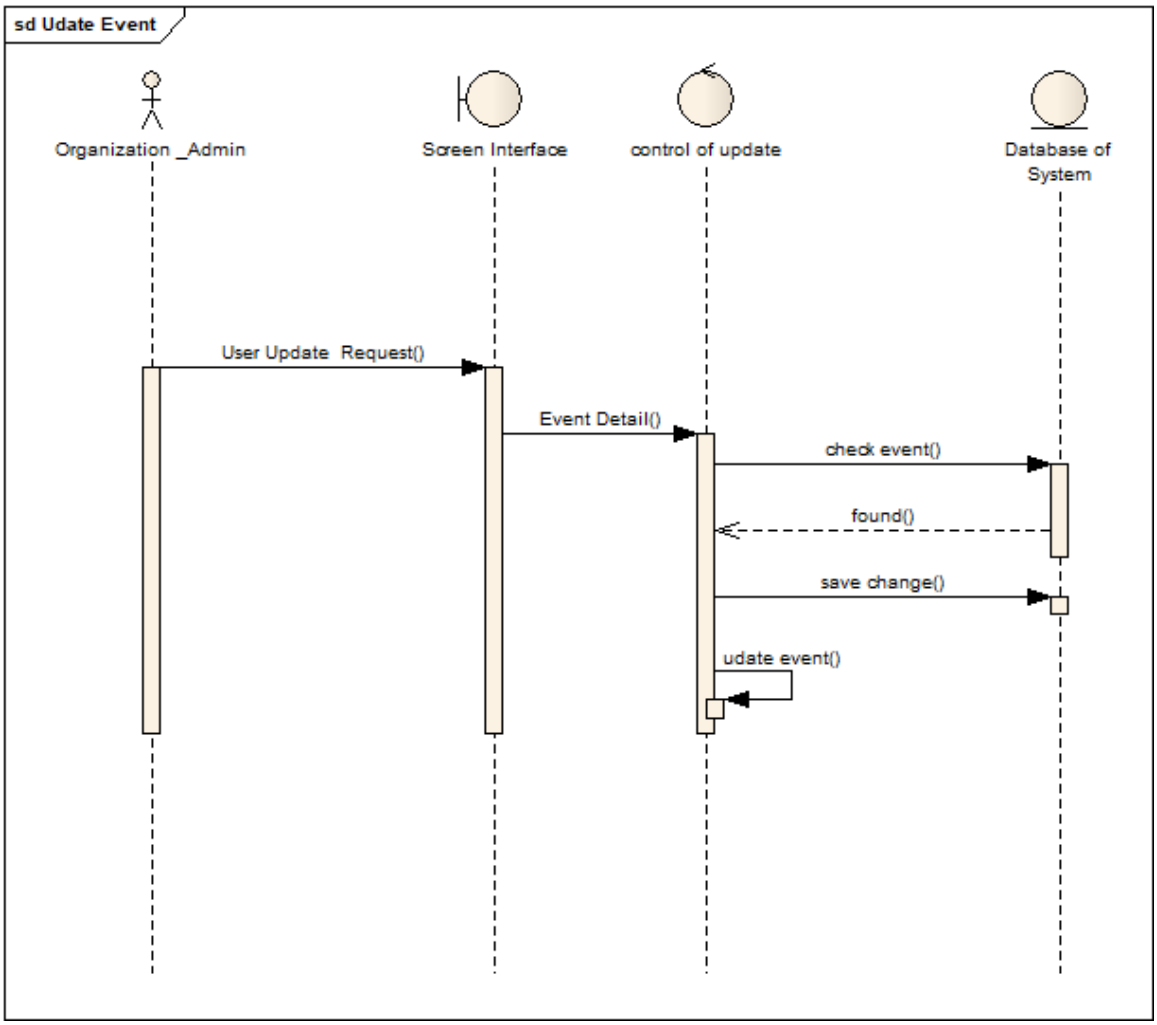


Figure 3-4 Update event

Updating an event by the sponsoring organization

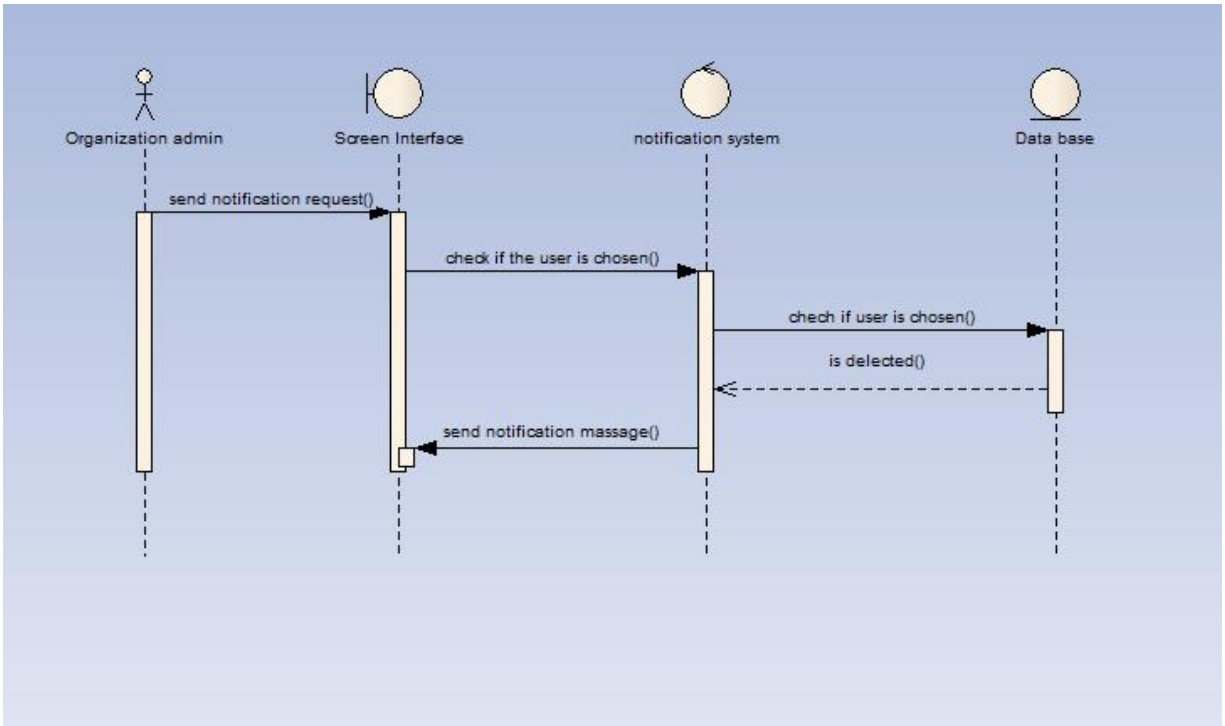


Figure 3-5 send notification

Process of attendees selection by sponsoring organization

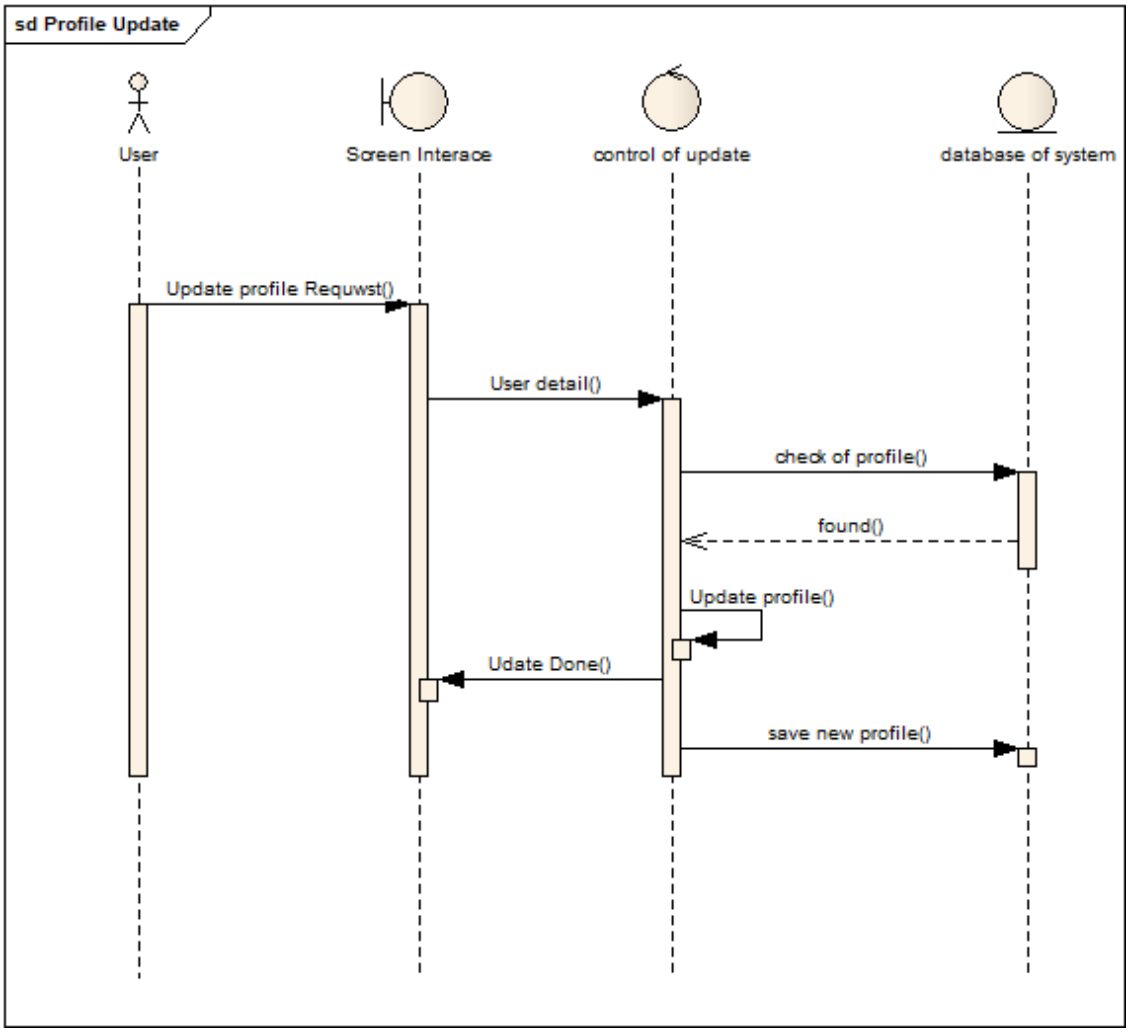


Figure 3-6 Update profile

diagram describing the process of user's profile update

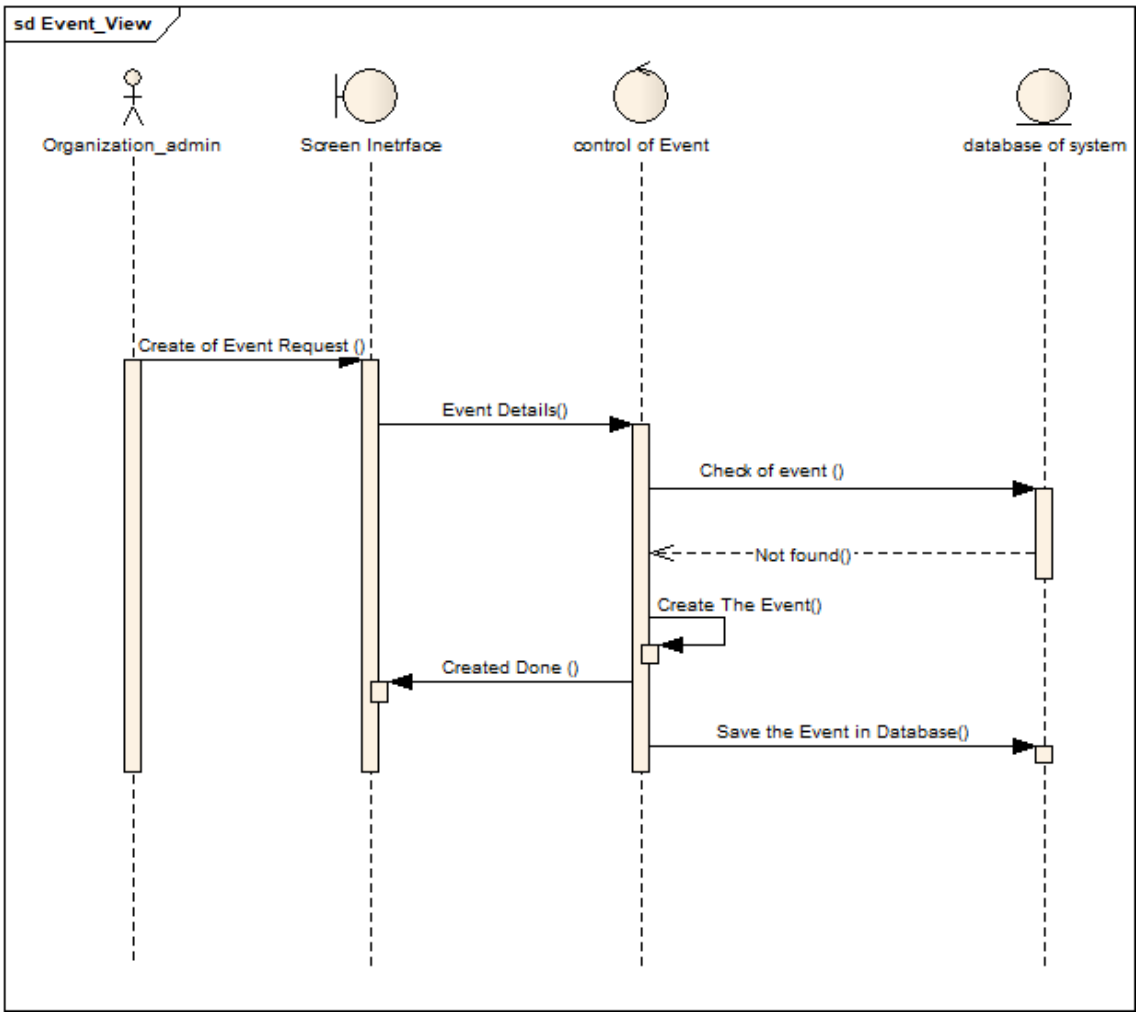


Figure 3-7 Create event

process of checking and creating an event by its sponsoring organization

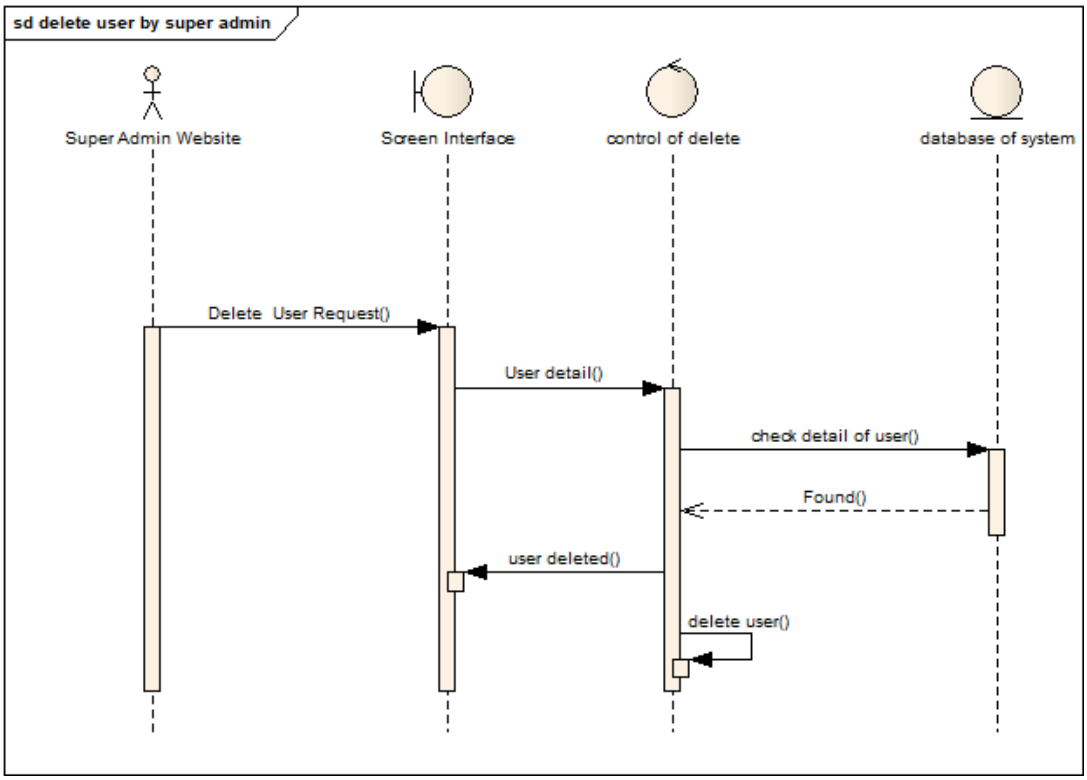


Figure 3-8 Delete User

process of deleting a user by Website admininstrator

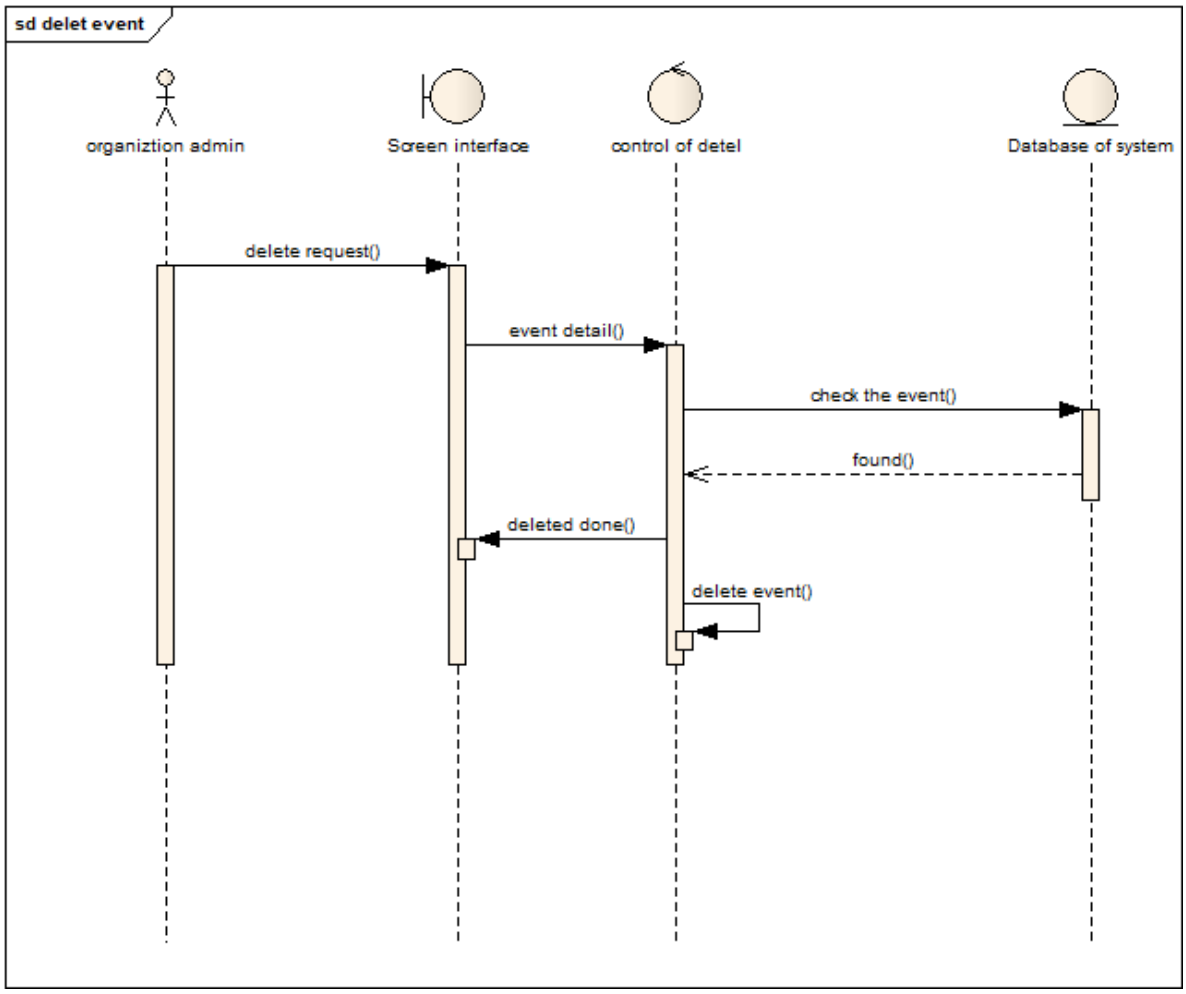


Figure 3-9 Delete Event

process of deleting an event created by its sponsoring organization

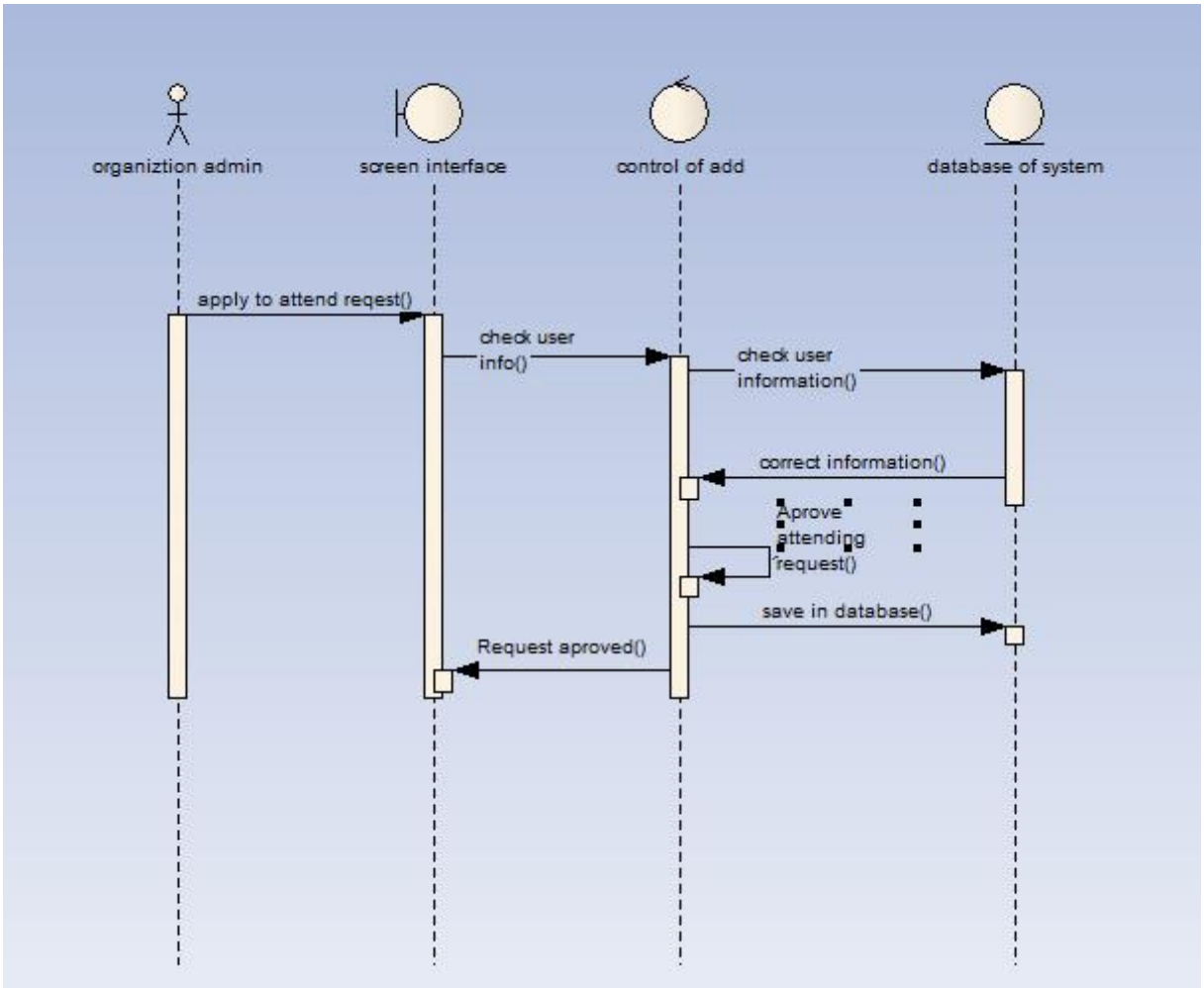


Figure 3-10 Apply request

Process of approving attendees applications by host organization

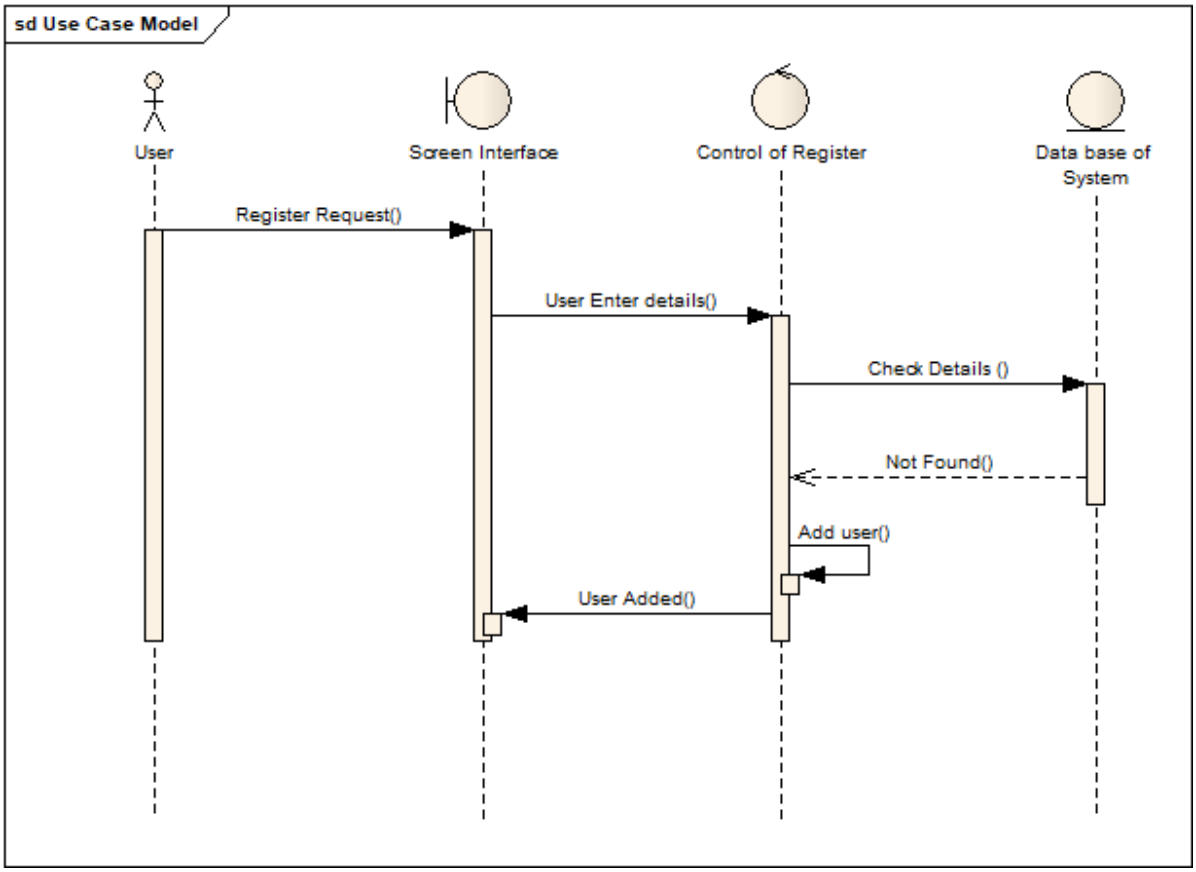


Figure 3-11 Registration

Diagram explaining how users registration process is done

Third:
Business process Model Notation diagram:

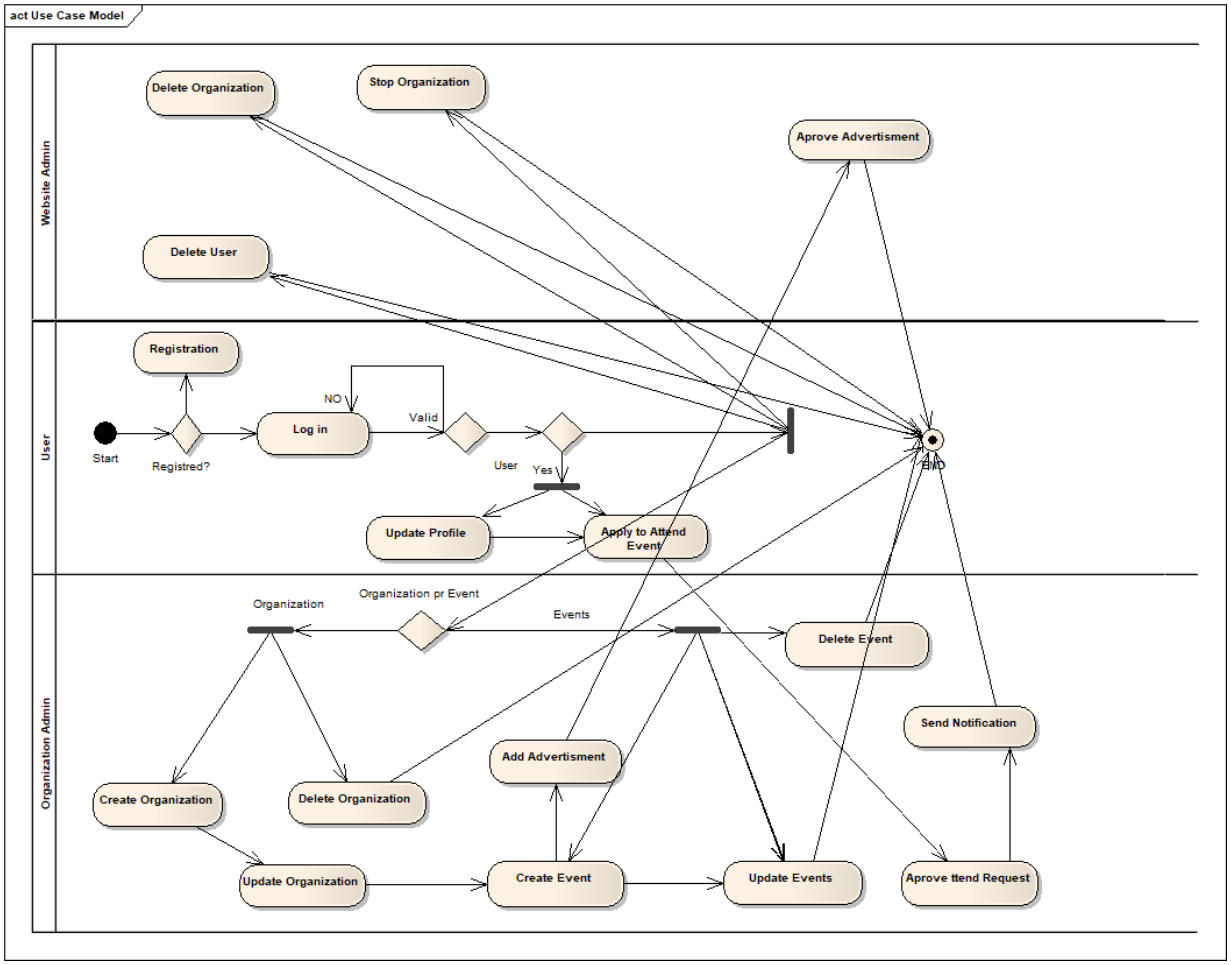


Figure 3-12 BPMN diagram

BPMN diagram outlining the various ways for user interaction with the system.

Four: EERD diagram:

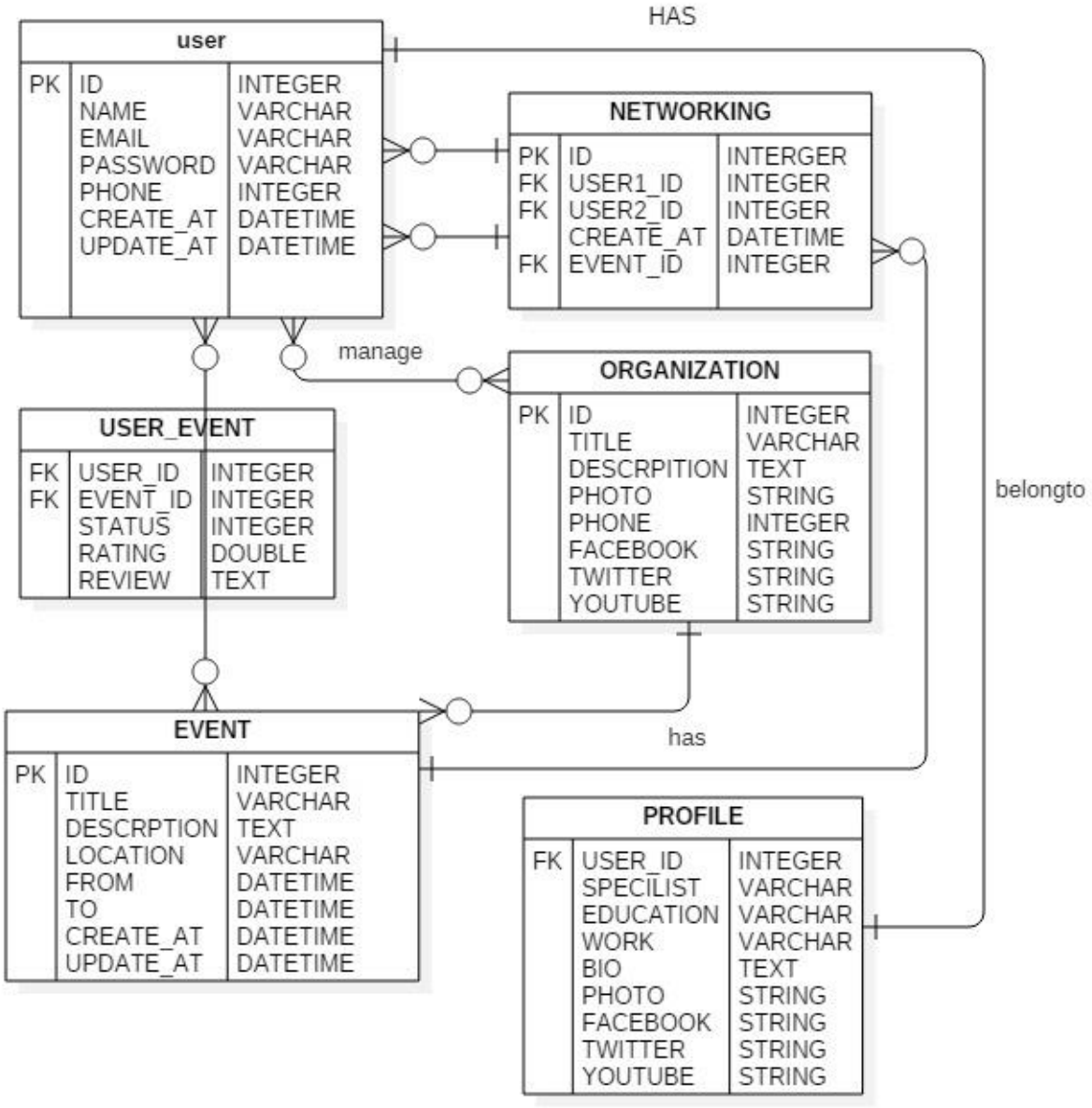


Figure 3-13 EERD Diagram

This diagram represents proposed system schema

Chapter Five
Implementation
&
Design

Introduction:

After the system functionality has been described, analysis and design has been explained, implementation of the system and the operating scenario is going to be described in this chapter.

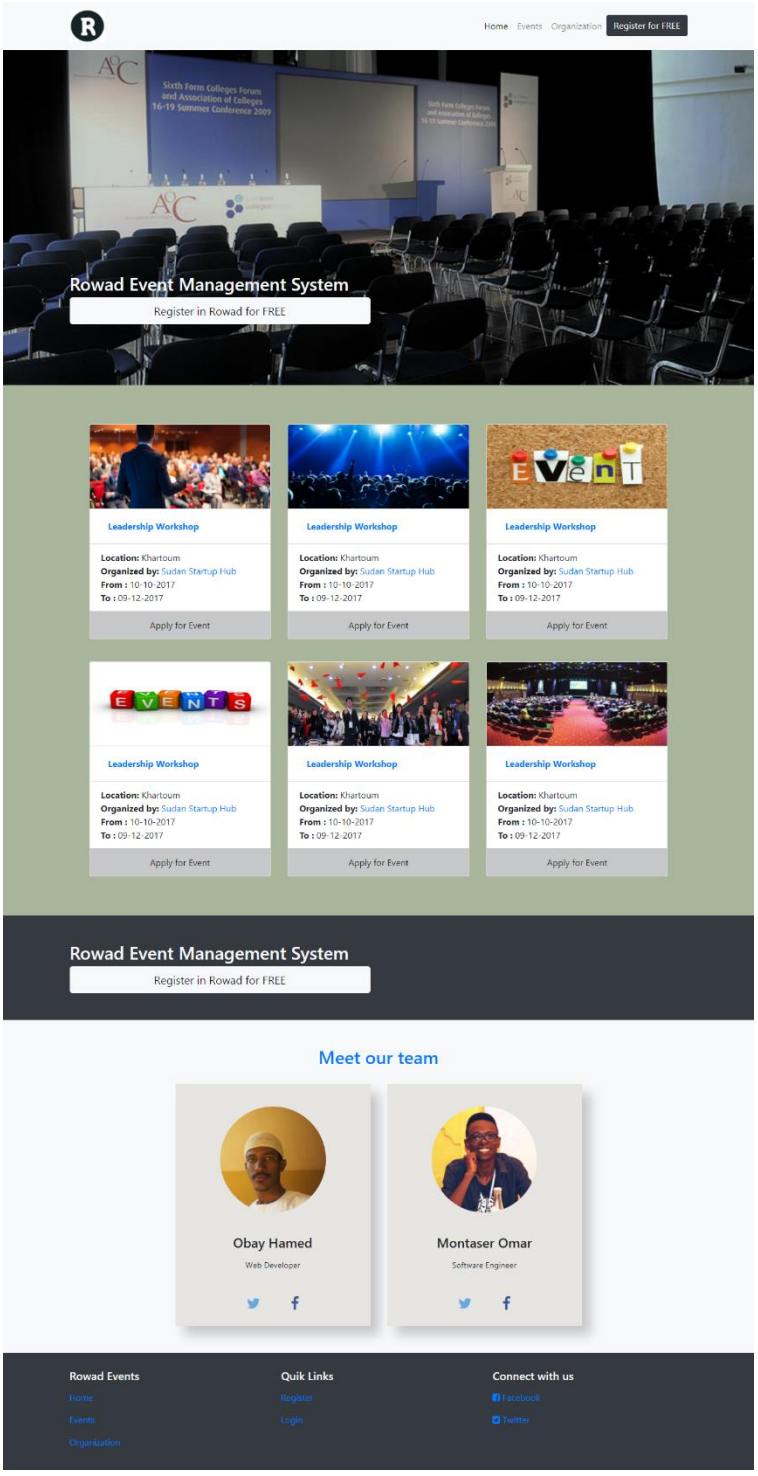


Figure 4-1 Index Page

This is the main page in the website, it displaced when the user calls the root of the website.

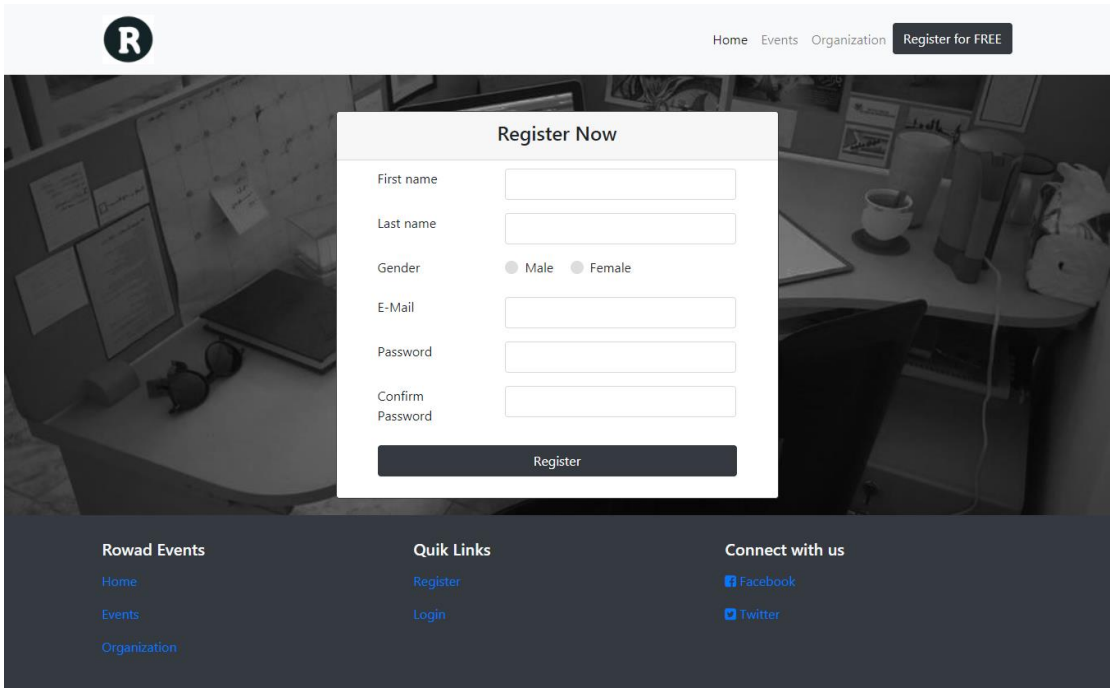


Figure 4-2 New users Registration

Registration page: it explains that new user use to add his personal information and contact information.

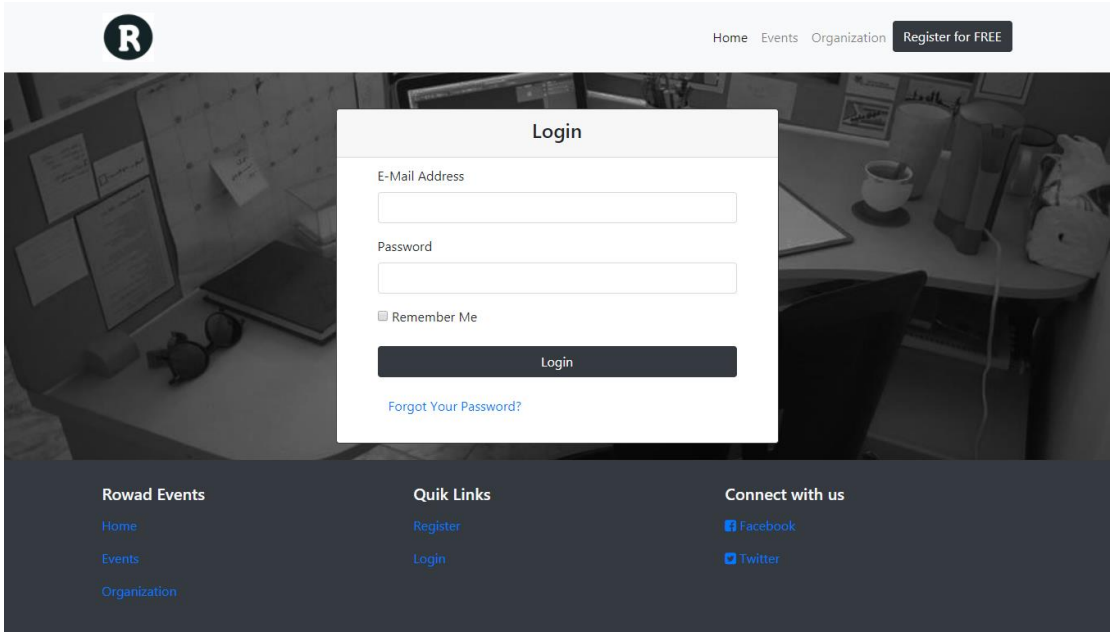


Figure 4-3 Login

Login screen for log into the website.

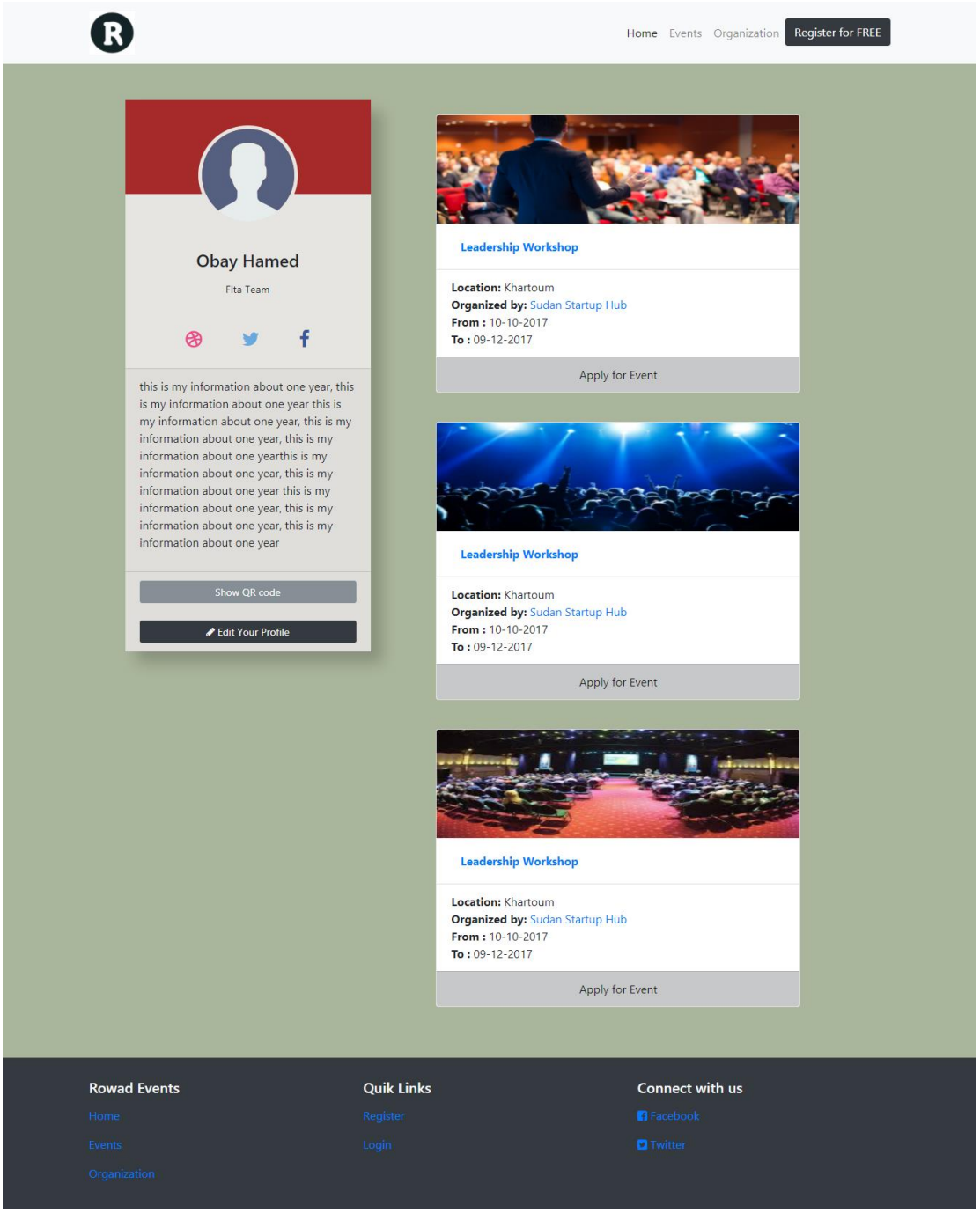


Figure 4-4 User profile page

The user profile page shows his information for public and the interested events.

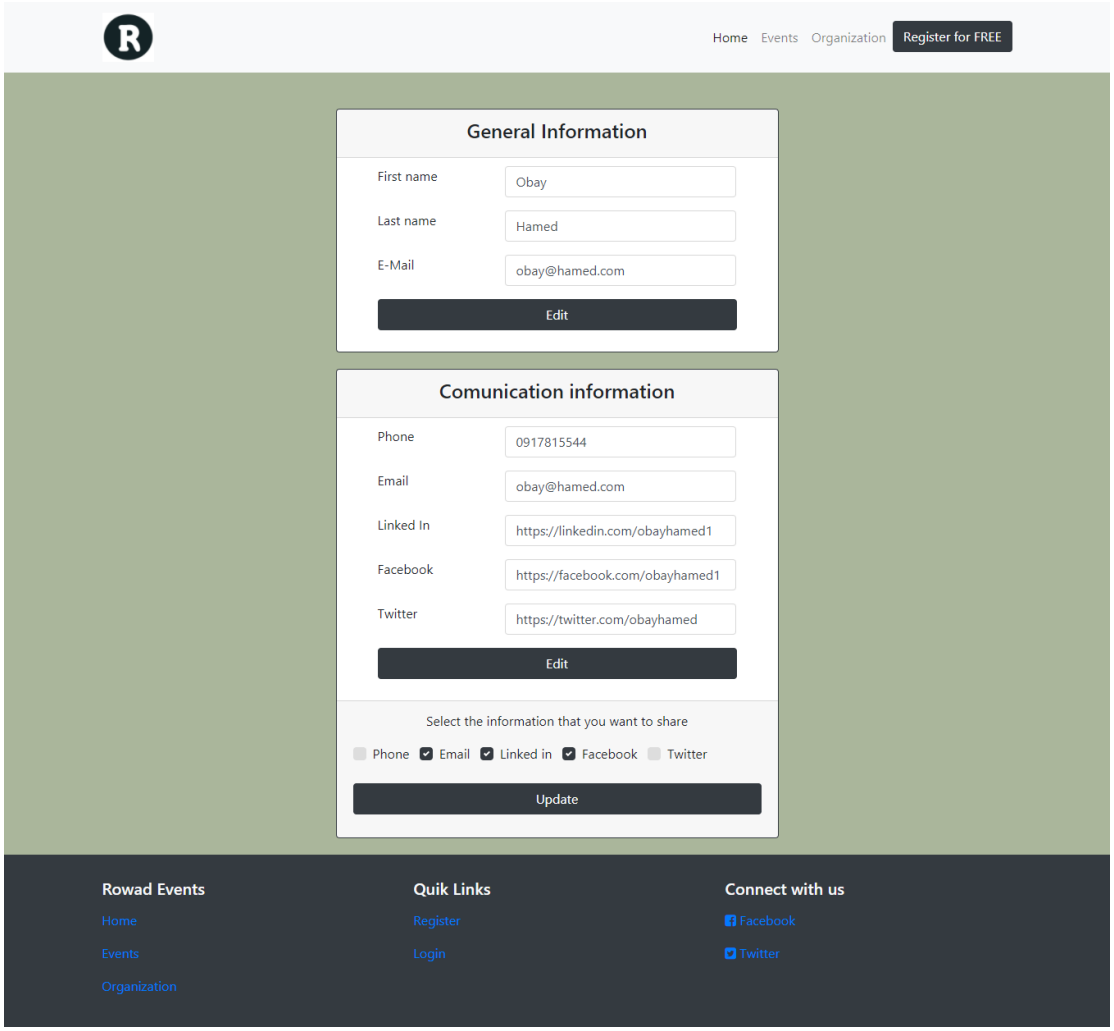


Figure 4-5 Edit profile

User can edit his profile information and select witch information he wants to share in public.

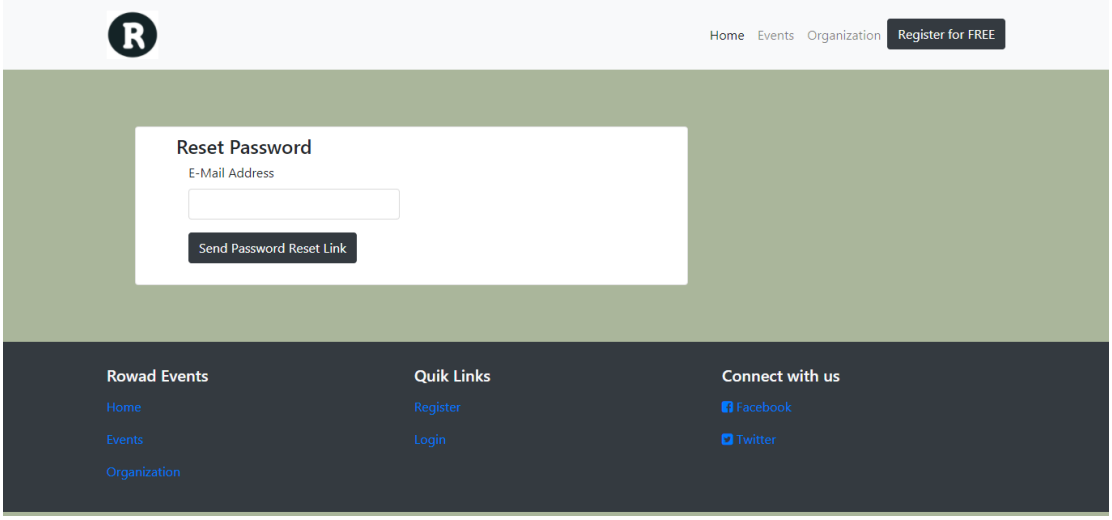


Figure 4-6 Reset password

If user forgot his password, he can reset it by click on "forget password?" link on the login page. User Enter his email and automatically he will receive an email message and redirect link to Rowad then he selects the new password and the process is done.

Figure 4-7 QR Code Section:

This page shows the user QR code which is generated after registration.

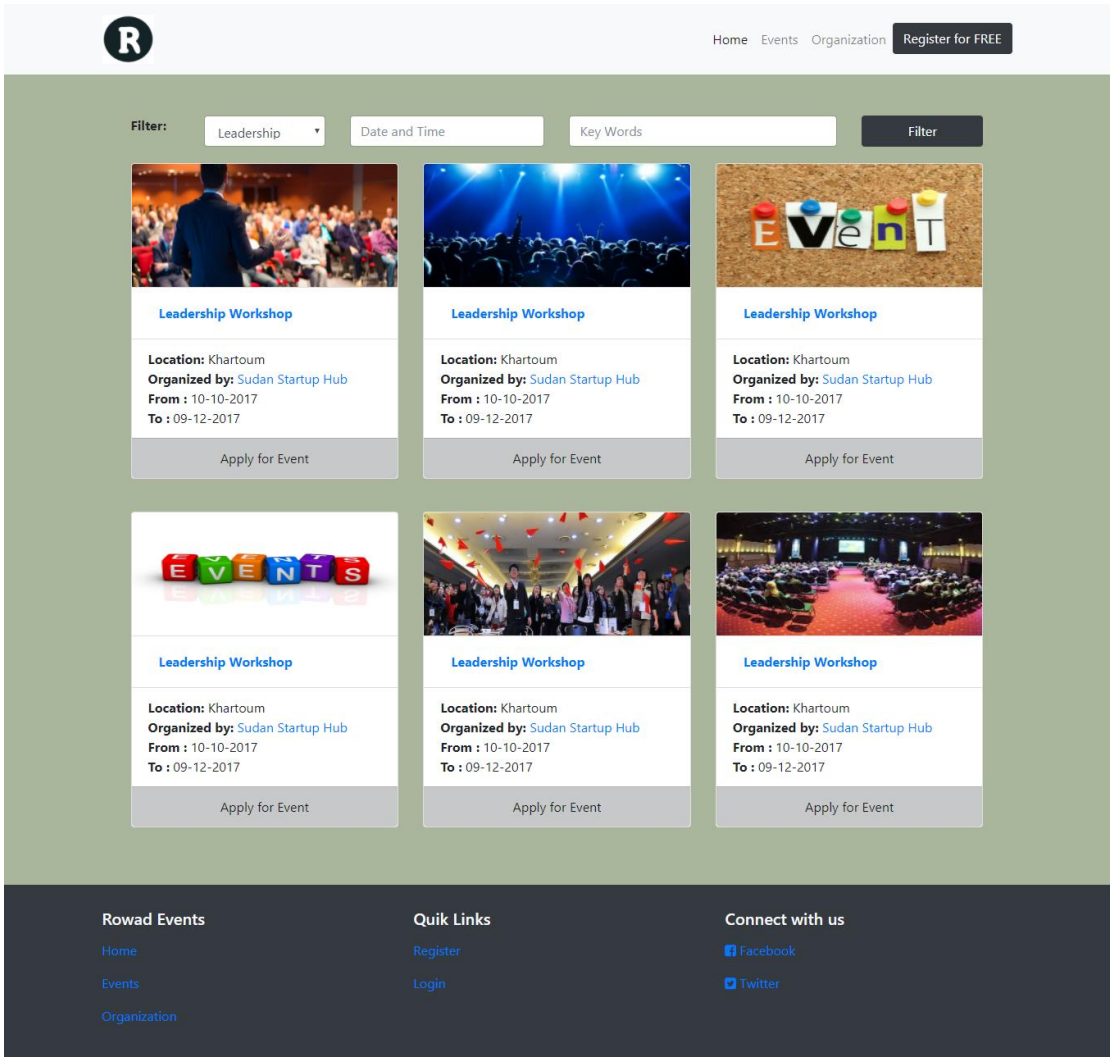


Figure 4-8 Show all events

Users can show all events and filter the result through date, time and category

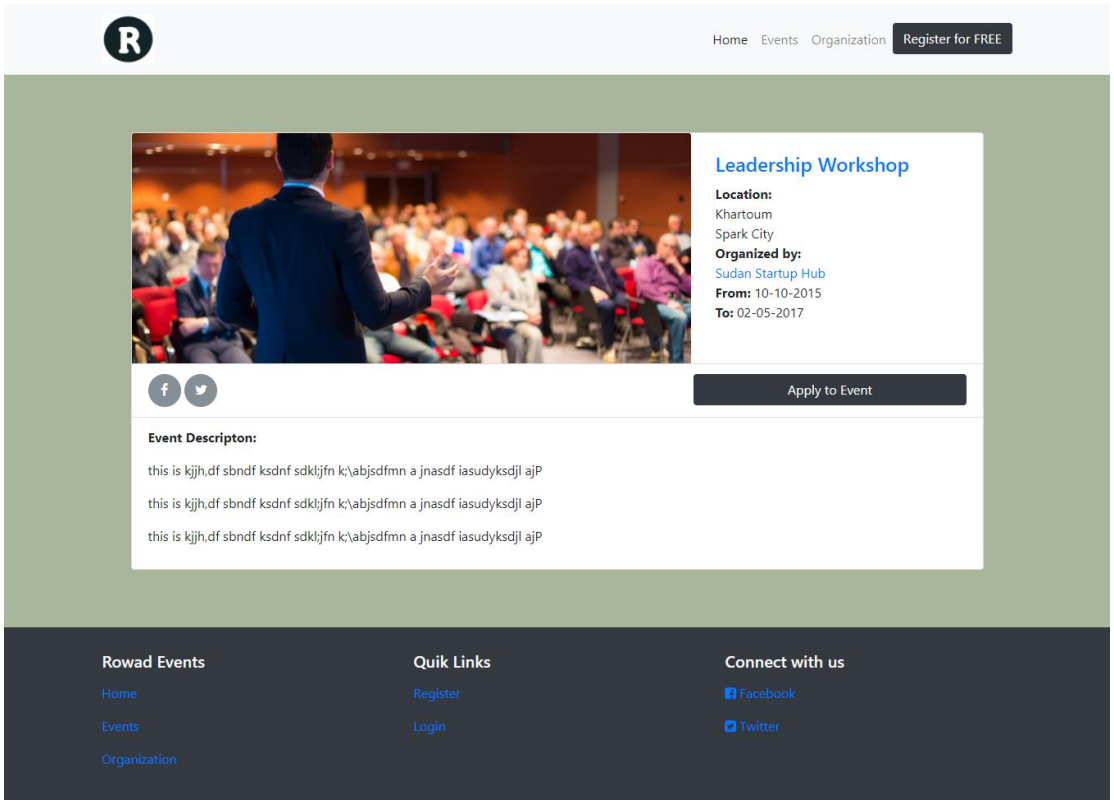


Figure 4-9 Show one event

User also can show one event for more details about the event and he can apply to attend the event, beside sharing the event on social media.

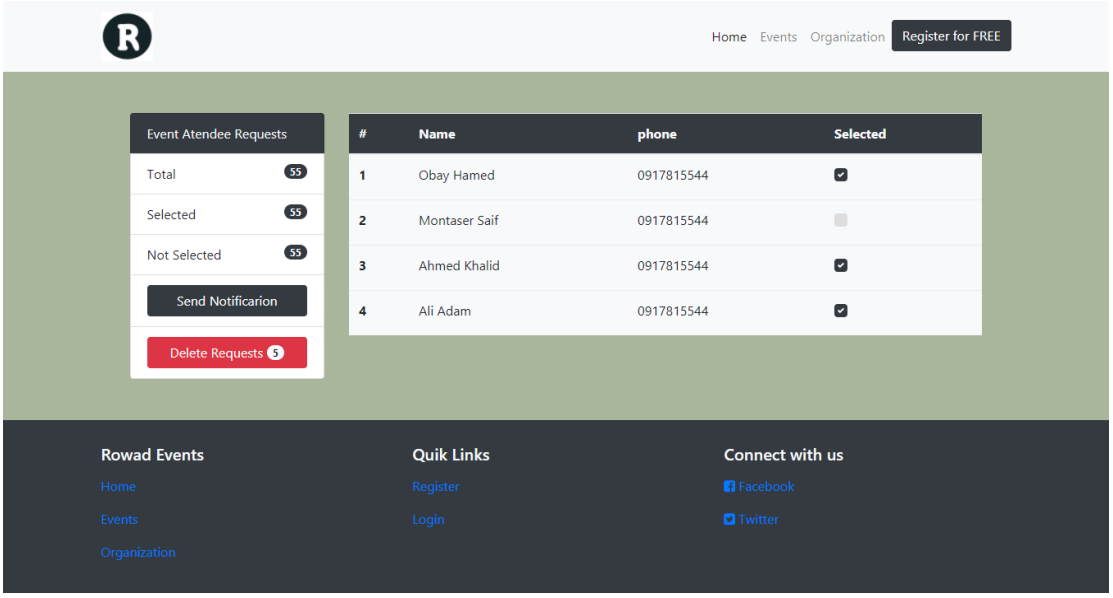


Figure 4-10 Event Apply Requests

For the organization administrator he can display all the requests of attendees, after that he can delete some request by select and press delete button.

The organization admin can contact with both selected and not unselected users via SMS and Emails notifications.

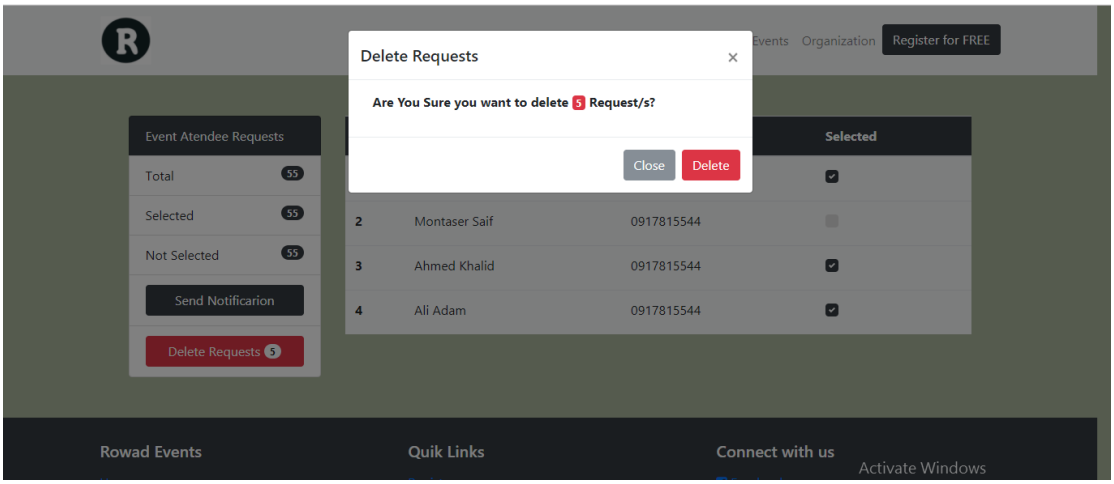


Figure 4-11 Delete some event requests

Validation confirmation for delete some user’s requests.

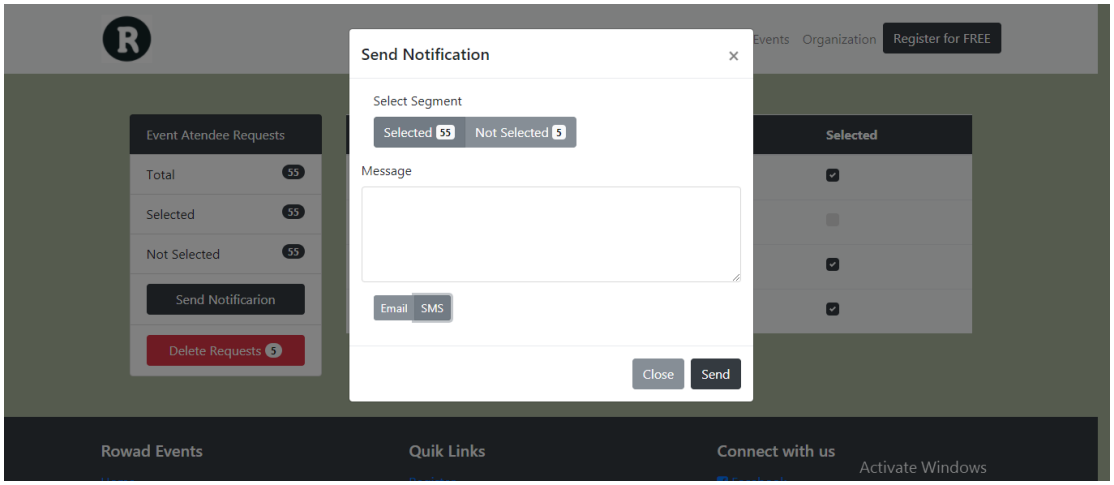


Figure 4-12 Send notification

This form for communicating with users who are already applied to attend event, Communication using Email or SMS.

Figure 4-13 User QR code

User can display his unique QR code for networking with another user.

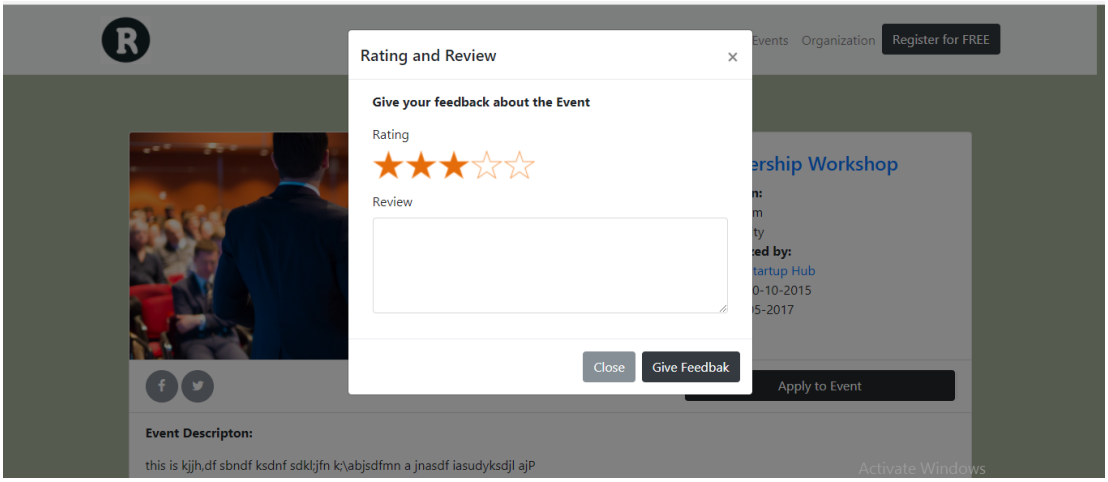


Figure 4-14 Rating and review

Attendee can rate the event and give his review as feedback for the organization to improve the quality of next events.

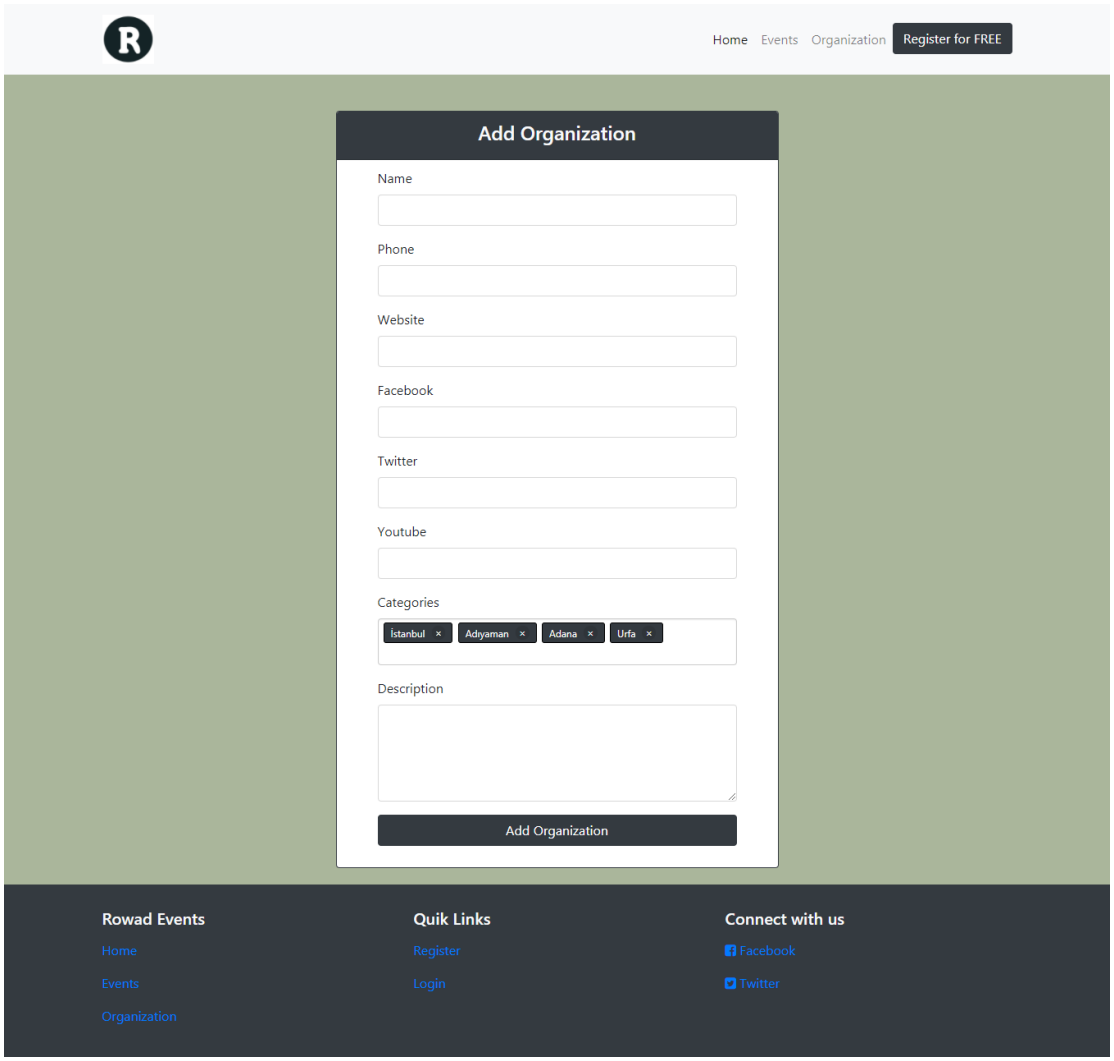


Figure 4-15 Add organization

User can add organization. All contact information is required for organization.

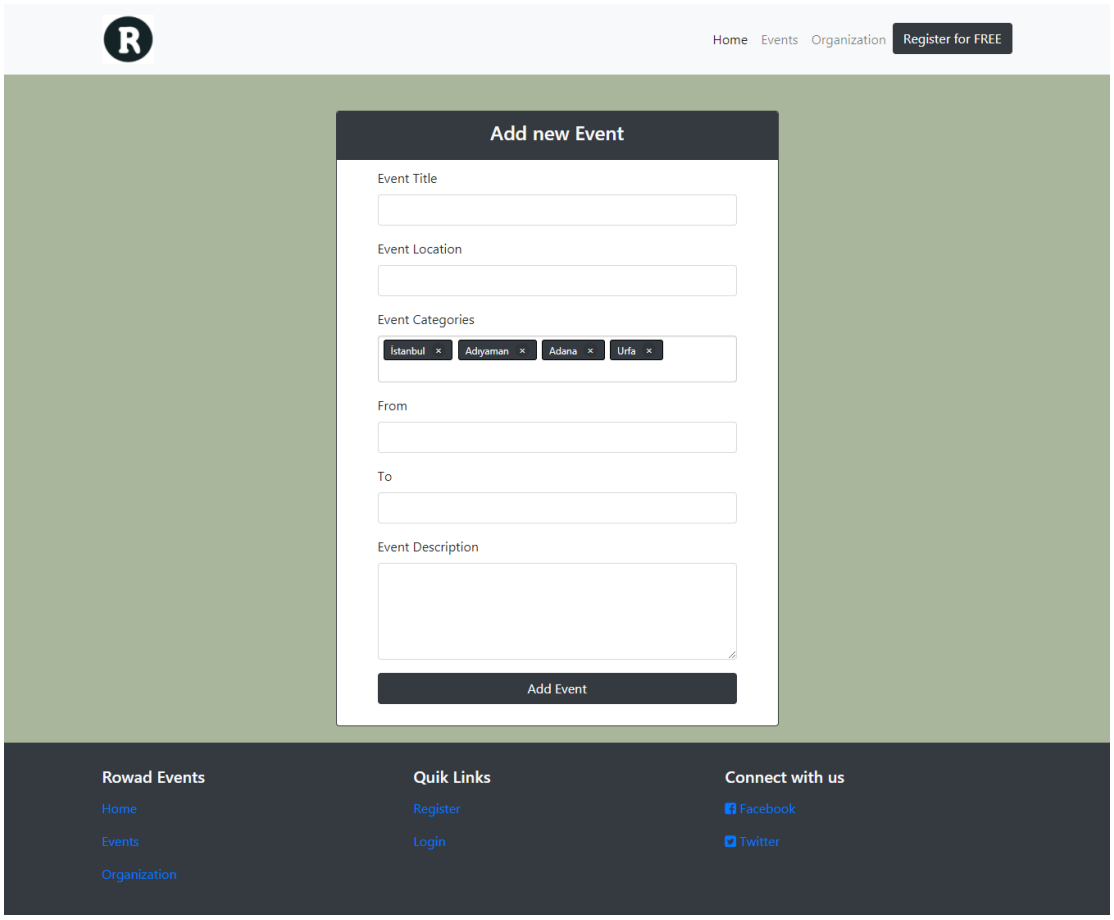


Figure 4-16 Add new event

Organization admin can add event through filling the form.

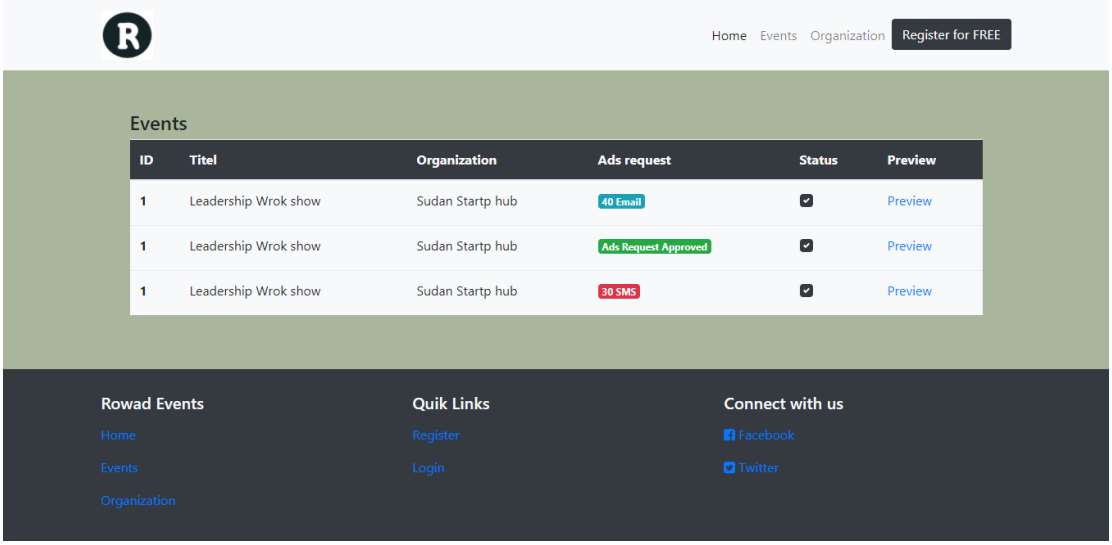


Figure 4-17 Website Administrator Event table

Website administrator have the control on events. He can stop some events and approve advertisement for users.

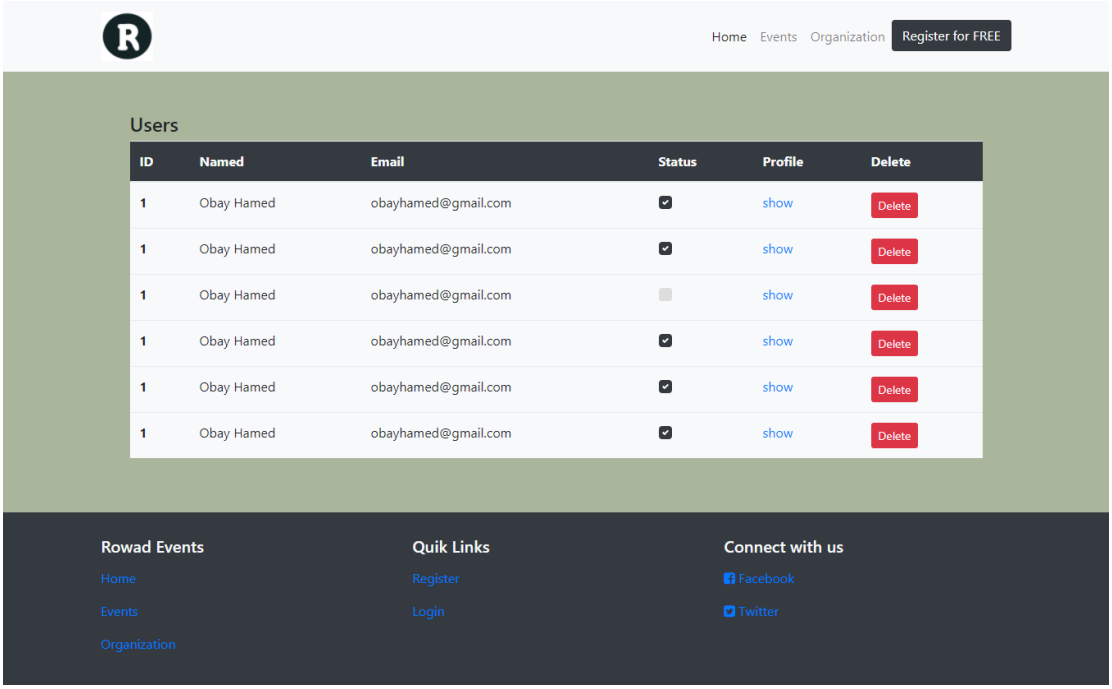


Figure 4-18 Website administrator users table

Website administrator has the control on user he can stop user activity or delete user.

Chapter Six

Results, conclusion and Recommendations

Introduction:

This chapter contains the result, research conclusions, challenges and has been faced during doing this research, difficulties during the development of this system and the difficulties that and recommendations for future studies.

Result:

Using the proposed system Rowad Event Management system, organizers or organization can easy organize and manage its events and the attendees can also easy find an interesting valuable event.

Rowad platform has been created with ability to add events and sending directed advertisement via Email or SMS besides potential of rating the event and giving feedback about it,In addition to filtering search options and attendees' information exchanging.

Conclusions:

According to the previously discussed ideas, it is pretty much clear that relationship and networks is very important, and it have been main goal to entrepreneurship and business organization, things that make organization hold to archive this goal.

Challenges and difficulties:

The main challenges that we faced in this project are specifying the scope and find out what organization and entrepreneurs needs, lack of knowledge about the entrepreneurship field in addition to scope creeping and difficulties in supporting e payment.

Recommendations:

- Use build-in registration forms to enables attendees register directly for event
- Classify attendees feedback to support decision making
- Provide ability to customize rating options.
- Support e-payment trough the website.
- Develop mobile application to increase the usability.

References

[1] J. W. Gillian Sulliven Mort, "Networking capability and international enterpreneurship," 2008.

[2] shane, General theory of entrepreneurship, 2003.

[3] S. a. Venkataraman, "The promise of entrepreneurship as a field of research," 2000.

[4] "startupist," [Online]. Available: http://www.startupist.com. [Accessed 18 10 2017].

[5] "flat6labs," [Online]. Available: http://www.flat6labs.com. [Accessed 19 10 2017].

[6] "qotuf," [Online]. Available: http://www.qotuf.com. [Accessed 19 10 2017].

[7] "IEC," [Online]. Available: http://www.iec-su.org. [Accessed 19 10 2017].

[8] "laravel," [Online]. Available: http://www.laravel.com. [Accessed 19 10 2017].

[9] "QRCode," [Online]. Available: http://www.techtrems.com/definition/QRCode. [Accessed 19 10 2017].

[10] "Gitlab," [Online]. Available: https://about.gitlab.com/2015/05/18/simple-words-for-a-gitlab-newbie/. [Accessed 19 10 2017].

[11] "webrtc," [Online]. Available: https://webrtc.org/. [Accessed 19 10 2017].

[12] "laravel-debugbar," [Online]. Available: http://larabrain.com/tips/debugging-output-with-laravel-debugbar. [Accessed 19 10 2017].

[13] "Bootstrap," [Online]. Available: http://www.getBootstrap.com. [Accessed 19 10 2017].

[14] "jquery," [Online]. Available: https://jquery.com/. [Accessed 19 10 2017].

[15] "HTML5," [Online]. Available: http://www.techradar.com/news/internet/web/html5-what-is-it-1047393. [Accessed 19 10 2017].

[16] "CSS," [Online]. Available: https://www.w3.org/standards/webdesign/htmlcss. [Accessed 19 10 2017].

[17] "MYSQL," [Online]. Available: https://dev.mysql.com/doc/mysql-getting-started/en/. [Accessed 19 10 2017].

Appendixes

Appendix A:

Notation	Meaning
	Actor is anything outside the system that interacts with the system to complete a task
	Extends link to show that one use case extends the functionality of another use case at specific Extension Points
	use case represents a single task that the system needs to perform
	Return-massage Results of procedure calls.

Table A-0-1 UML Notation Table

Appendix B:

Notation	Meaning
	Initiate Beginning of the system activates
	Finish The end if system activates
	Massage It show that massage has been sent
	Activity Activity indicates the activities that represent a modeled process.

Table B-2 UML Notation Table