

Project 2-B

Project # 2-B: A Business Application (Mobile/Desktop Version)

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Introduction:

In the past not too long ago, people should spend a lot of time to go to another place where can be a different city or country in order to have a meeting with another person or company. Today, because of developing technology, companies can set the meetings through the Internet and relevant applications. We have worked on a project about a mobile/desktop application which can provide online sessions, hold conferences, and share a file through it.

Project 2-B
Module A

Description:

- The app provides facilities for companies that want to be in touch with another company through video chat or create conferences for their projects. Also, this app prepares circumstances for their employees that need to share and talk about their projects even when they are not at work.
- The various purposes are included proposing the products of a company to another company with live chat and holding conferences in order to sell their product, making communication easier for the employees of various companies in order to set an online meeting and reduce the cost of holding real conferences. Business purposes are selling the app in app stores, getting monthly or annually fee from companies and making money from Ads.
- The future goals for the app are publishing in App Store and Google Play, make it popular by selling the app to different companies, making money through Ads, and adding more features according to the needs of companies that it gains through the feedbacks and survey.
- The organization would like to include students because they are representatives of their families and the society, so they can suggest the app to them. They might be interested in using this app for their projects that they need to do in a group, and they do not have time to set a meeting.

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- Preliminary list of desirable features for the app
 - Organize webinars
 - Forums
 - Live chats
 - Host blogs
 - Archived Recordings
 - Schedule live talks and events
 - Grow a network of clients
 - Multiple ways to join a meeting
 - Screen sharing
 - Polling

Research:

Text for email

Hello,

You are invited to participate in our survey. In this survey, 10 questions will be asked to complete a survey about our app. It will take around 3-5 minutes to complete the questionnaire.

Your participation in this study is completely voluntary. There are no risks associated with this project. However, if you feel uncomfortable answering any questions, you can withdraw from the survey at any point. It is very important for us to learn your opinions.

Thank you very much for your time and support. Please start with the survey now by answering the questions below:

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Survey questions

1. Are you male or female?

- Male
- Female

2. Which category below includes your age?

- 17 or younger
- 18-20
- 21-29
- 30-39
- 40-49
- 50-59
- 60 or older

3. Which of the following devices do you own?

- iPhone
- iPad
- Android Phone

4. Have you ever downloaded apps for your device?

- Yes - Always Free
- Yes - Always Paid
- Yes - Free & Paid
- No
-

6. Which of the following apps do you have on your device?

- Cisco WebEx
- Adobe Connect
- Mega Meeting
- OnStream
- Others

7. How likely would you be to use our app if it was available on your device?

- It already is available on my device
- Extremely likely

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- Very likely
- Moderately likely
- Slightly likely
- Not at all likely

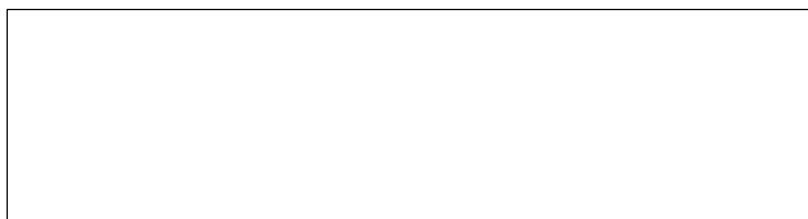
8. How easy is it to find the information you are looking for in our app?

- I don't have your app
- Extremely easy
- Very easy
- Moderately easy
- Slightly easy
- Not at all easy

9. How likely are you to recommend our app to others?

- I don't have your app
- Extremely likely
- Very likely
- Moderately likely
- Slightly likely
- Not at all likely

10. What changes would most improve our app?



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Technical Issues:

- What special device hardware features would the app require?
 - Camera, Microphone, Audio output, keyboard
- What special input controls or display features would the app need?
 - Text, Email, Tel, Number, Password, Date & Time, Video
- What constraints or advantages to do with context are involved in this app?
 - The constraints for this app are: getting trouble to have access to the internet in some places for making meetings, need high speed internet for live video chat, having audio problems during conversation, or having computer problems
 - On the other hand, advantages are: holding conferences with less money and effort, saving time for commuting to a company for a meeting, saving files that might be used during the meeting or conferences in the app, sending a reminder to the people who are joint to a meeting.

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Personas – Part I:

Name	Amin
Age	40
Occupation (if applicable)	User Experience Designer
Location:	Toronto, Ontario
Interest Level in the App's Field	Casual, Neophyte, Entertainment, Professional, Amateur, Connoisseur
Demographics	professional, management, craftsperson, stay-at-home parent, student, income level: 60k-80k annually
Computer Skills	<ul style="list-style-type: none"> • Casual (browser, email, texting, etc.) • Expert business software user • IT Professional • Software professional
Motivations and goals with respect to the field (of the app)	Motivations: expanding my relationships, sharing my idea to other professionals, illustrating my portfolios to employers Goals: To establish my own company in UX field and promote my skills to industries
Frustrations with respect to the field	A lot of companies have established in this field and today, the competition is high.
Projected interest in the app	Grow a network of clients

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Name	Tasnim
Age	22
Occupation (if applicable)	McDonald salesperson
Location:	Kitchener, Ontario
Interest Level in the App's Field	Casual, Neophyte, Entertainment, Professional, Amateur, Connoisseur
Demographics	professional, management, craftsperson, stay-at-home parent, student, income level: 25k-35k annually
Computer Skills	<ul style="list-style-type: none"> • Casual (browser, email, texting, etc.) • Expert business software user • IT Professional • Software professional
Motivations and goals with respect to the field (of the app)	Motivations: keeping in touch with the manager and co-workers Goals: To build relationships with friends, and to run my own business
Frustrations with respect to the field	Busy life is preventing to keep relationships and increasing the living cost is a main barrier to make own business.
Projected interest in the app	Live chats

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Name	Mobina
Age	18
Occupation (if applicable)	student
Location:	Kitchener, Ontario
Interest Level in the App's Field	<p>Casual.</p> <p>Neophyte, Entertainment, Professional, Amateur, Connoisseur</p>
Demographics	<p>professional, management, craftsperson, stay-at-home parent,</p> <p>student,</p> <p>income level: NO INCOME</p>
Computer Skills	<ul style="list-style-type: none"> • Casual (browser, email, texting, etc.) • Expert business software user • IT Professional • Software professional
Motivations and goals with respect to the field (of the app)	<p>Motivations: doing group assignment from home, lowest cost and time of transportation, sharing ideas between other groups</p> <p>Goals: To grow my skills in order to find a professional career or run my own business</p>
Frustrations with respect to the field	Employers always expect new skills and abilities for hiring the new employees because of developing industries technologies.
Projected interest in the app	Screen sharing and polling

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Module B

Personas – Part II:

	Persona 1 (Amin)	Persona 2 (Tasnim)	Persona 3 (Mobina)	Weighted Sum
Weight (%)	50	20	30	
Weight (0 to 1)	0.5	0.2	0.3	
Feature 1 (Organize webinars)	4	4	3	3.7
Feature 2 (Forums)	4	3	3	3.5
Feature 3 (Live chats)	4	5	4	4.2
Feature 4 (Host blogs)	3	2	3	2.8
Feature 5 (Archived Recordings)	3	2	2	2.5
Feature 6 (Schedule live talks and events)	3	3	3	3
Feature 7 (Grow a network of clients)	5	2	3	3.8
Feature 8 (Multiple ways to join a meeting)	3	1	1	2
Feature 9 (Screen sharing)	3	2	5	3.4
Feature 10 (Polling)	4	3	5	4.1

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Notes:

We assign levels of priority to our personas. In this case, Persona1 has the highest weighting.

The Weighted sum for Features is same as the formula as below. For example, Feature 1 is calculated as follows:

$$4 \times 0.5 + 4 \times 0.2 + 3 \times 0.3 = 2 + 0.8 + 0.9 = 3.7$$

Based on this data, we may be inclined to drop Feature 8 as it scores low.

Based on this data, we may not be sure about Feature 4 and Feature 5, but we may include those as these features are important to our most important Persona.

Alternatively, if Persona 1 is most likely to want to use a professional version of the app, we may wish to include Feature 4 and Feature 5 in a Premium version of the app.

Based on this data, we may be fairly sure about Feature 1, Feature 2, Feature 3, Feature 6, Feature 7, Feature 9, Feature 10.

Use Cases:

Register a Host Account – Login – Join a Meeting - Organize a Webinar – Support

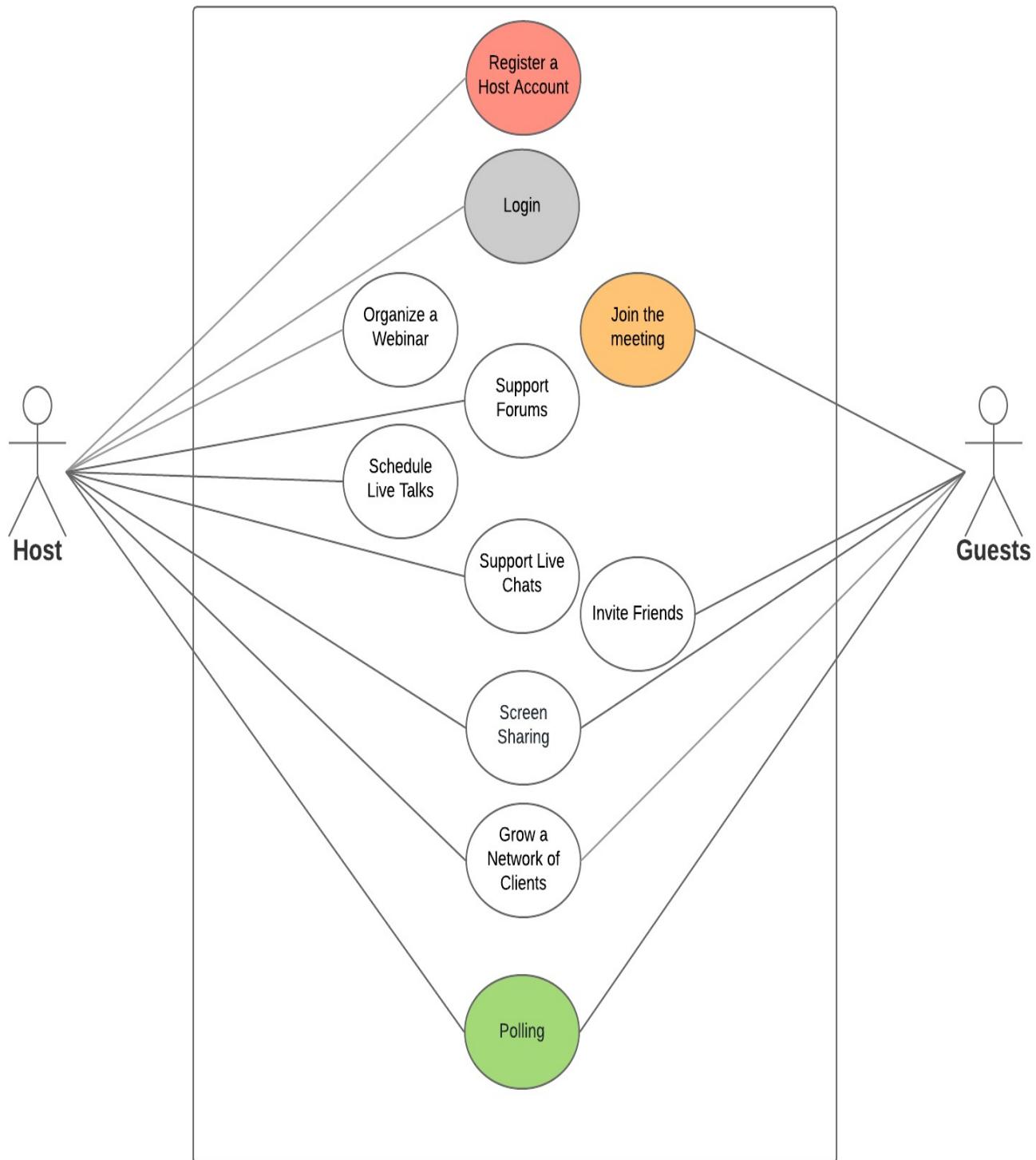
Forums – Support Live Chats – Schedule Live Talks – Grow a Network of Clients –

Invite Friends – Screen Sharing – Polling

Use Case Diagram:

B2B APPLICATION USE CASE DIAGRAM

Majid Tooranisama & Taraneh Khaleghi | March 17, 2018



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Use Case Description:

UC Name	Register a host account (mobile version)	
Brief description	A host creates an account in order to set a meeting or webinar for the future	
Actors	Host	
Normal Flow of Events	Host	System
	1. Host clicks “Host a Webinar” bottom	2. System asks “Email, password, and first and last name “
	3. Host writes email, password, first and last name and click “sign up” bottom	4. System asks for going to your email and click on confirm bottom
	5. Host goes to email and click “confirm” bottom	6. System shows Log In page
	7. Host enters email and password and clicks on “sign in” bottom	8. System displays main page of app

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UC Name	Organize a Webinar (mobile version)	
Brief description	A registered host can create a scheduled webinar	
Actors	Host	
Normal Flow of Events	Host	System
	1. Host clicks “Schedule” bottom	2. System asks “Webinar information such as name, subject, speaker’s name, date, start and end time”
	3. Host fills the blank fields and clicks “Done”	4. System displays the Webinar ID number and returns to main page

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UC Name	Screen sharing (desktop version)	
Brief description	Participants can share their screen to each other	
Actors	Host/Participant	
Normal Flow of Events	User	System
	1. User clicks “Share screen” bottom	2. System asks “select a screen or whiteboard that you want to share”
	3. User clicks on a screen or whiteboard icon and then click on share screen	4. System displays the screen or whiteboard that user can draw on it and other participants in meeting can see that and can work on it

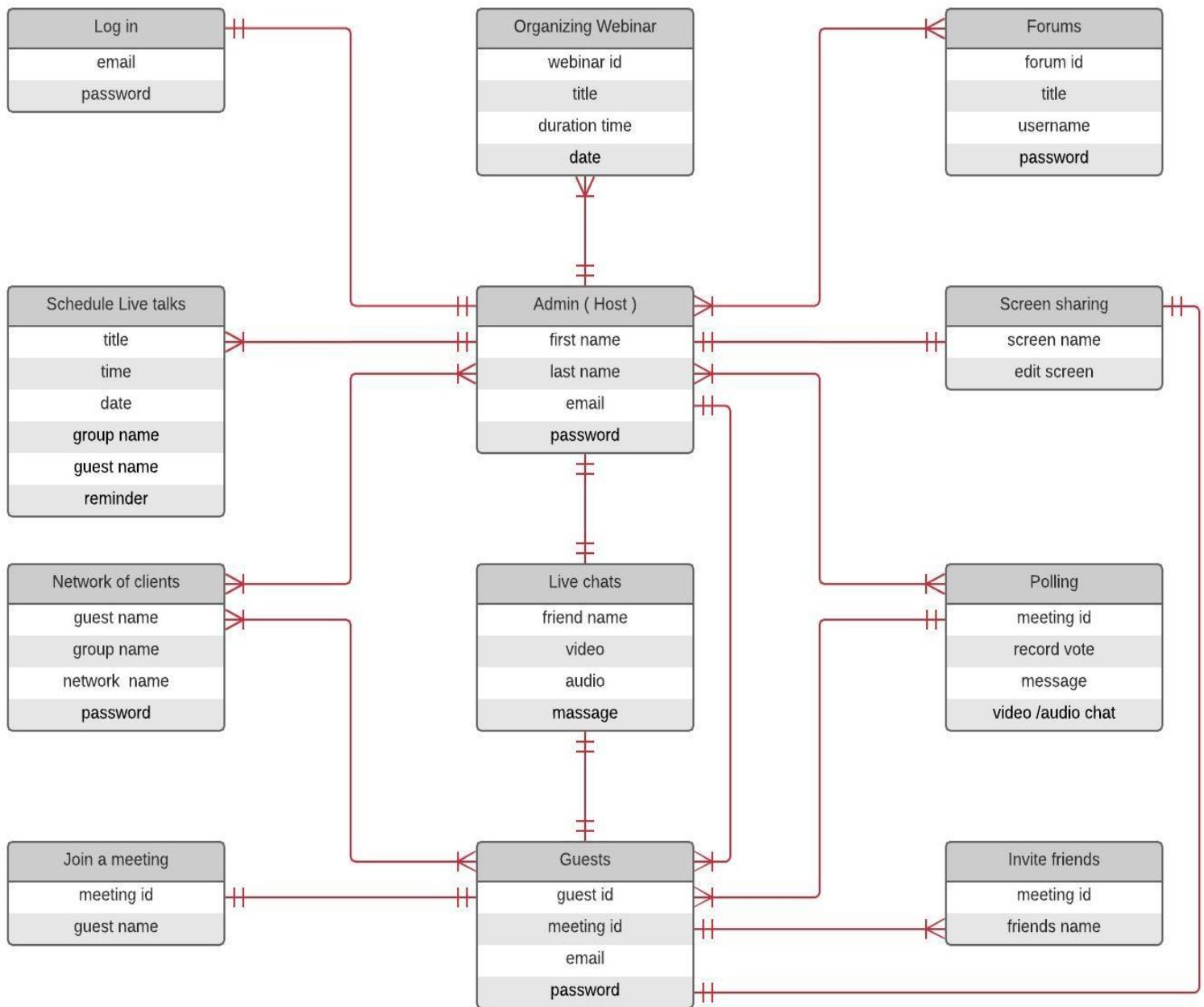
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UC Name	Invite Friends (desktop version)	
Brief description	A participant can invite other participants/friends/colleagues	
Actors	Participant	
Normal Flow of Events	User/customer	System
	1. User clicks "invite" bottom	2. System asks "by email or by phone "
	3. User select by email or by phone	4. System displays the email page or contact list and its content "invitation letter" comes on the page
	5. User types email address or contact number and clicks on send	6. System sends the invitation to chosen participant and returns back to video screen
	7. User waits for the confirmation from chosen participant	8. System displays the live video after confirmation from chosen participant

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Entities:

Majid & Taraneh Module B



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Content Plans:



Host a Webinar: By clicking on this this bottom, a host will create a profile, and the system asks for information in order to create account.

Join a Webinar: By clicking on this, a guest who wants to join to the webinar leads to the page that asks for the webinar ID and guest's name.

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Email, Username, First name, and Last name : All are the empty boxes that the hosts need to fill them by typing their email, username, first name, and last name in order to create account.

Sign Up: The host clicks on that after filled the blanks, and system shows the log in page.

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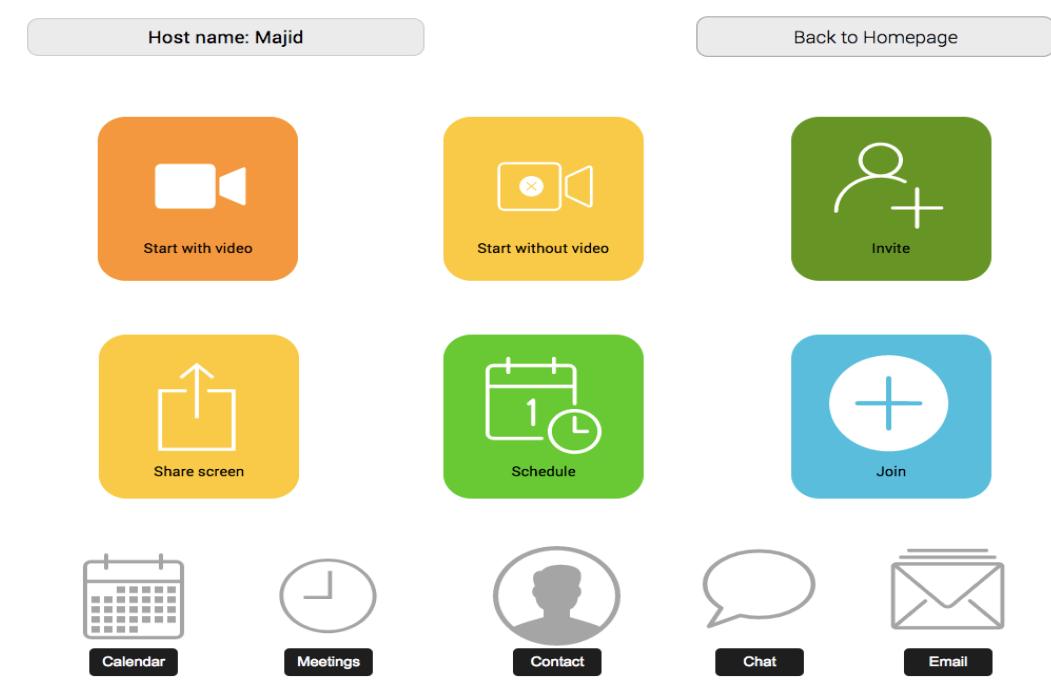


Email: The host enter his/her email for signing up

Password: The host enter his/her password

SIGN IN: After entering email and password, the host leads to the main page of application.

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This is the main page for hosts after they sign up for creating a webinar.

Back to Homepage: By clicking on that, system comes back to the home page

Start with video: By clicking on this bottom, the video screen will open

Start without video: By clicking on this bottom, the talk screen will be shown

Invite: by clicking on this, the system asks for choosing by email or by contact list

Share screen: the screen sharing page will open by clicking on that

Schedule: By clicking on this bottom, the schedule page opens

Join: By clicking on this bottom, the host can join to another webinar

Calendar: By clicking on that the calendar appears

Meetings: By clicking on that the list of upcoming meetings will show

Contact: By clicking on that the contact list appears

Chat: By clicking on that the chat screen opens

Email: By clicking on that email screen will open

Project 2-B

Host name: Majid

Back to Main page



Calendar



Meetings



Contact



Chat



Email

This is the screen that the host sees when clicks on “start video” bottom

Back to main page: By clicking on that system back to main page that includes all the icons

The icons on the bottoms act like last page.

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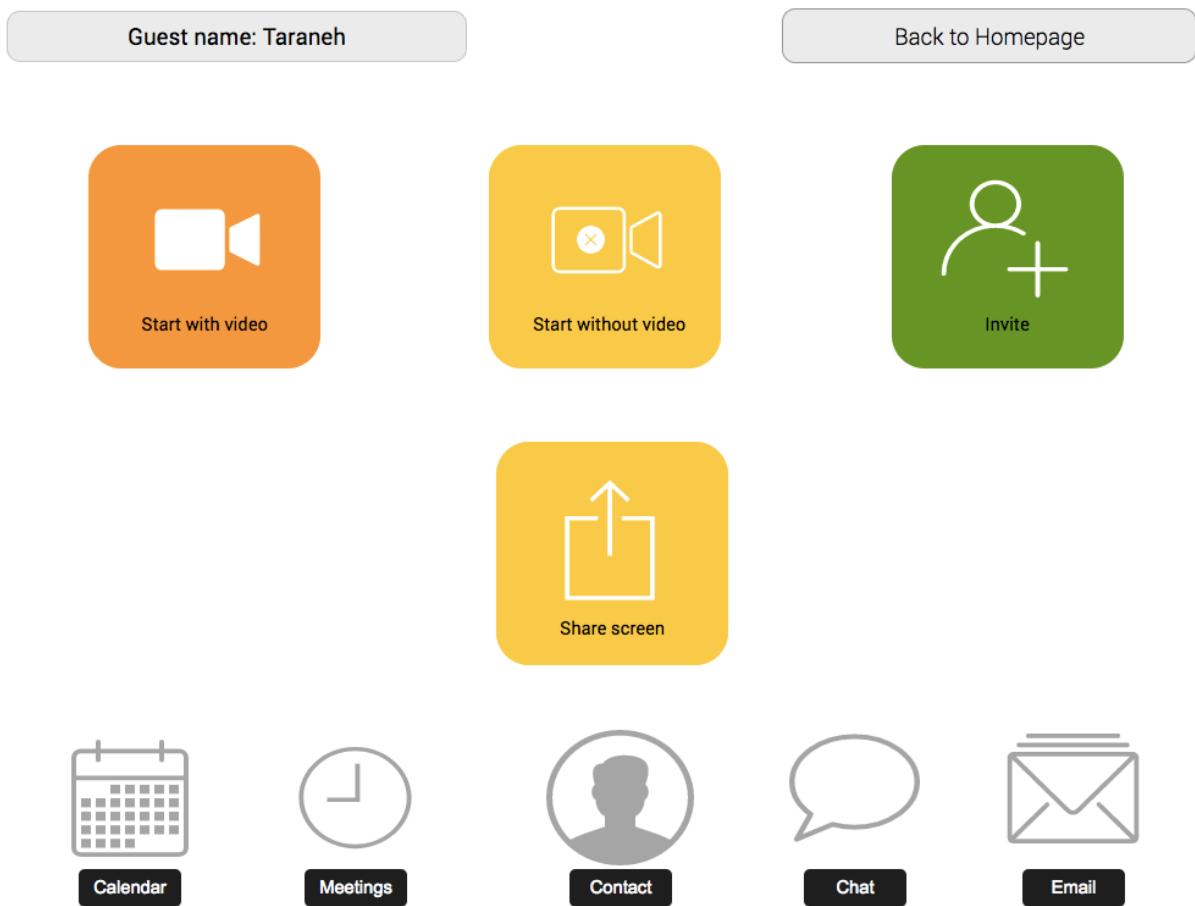


Webinar ID: The guest fills the ID of the webinar that is received from the host in the blank in order to join

Guest name: The guest fills his/her name in the blank

Join: By clicking on this bottom guest joins to the webinar

Project 2-B



This is the main page for guests after they join to the webinar.

Back to Homepage: By clicking on that, system comes back to the home page

Start with video: By clicking on this bottom, the video screen will open

Start without video: By clicking on this bottom, the talk screen will be shown

Share screen: the screen sharing page will open by clicking on that

The icons on the bottom act like last pages.

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Guest name: Taraneh

[Back to Main page](#)



Calendar



Meetings



Contact



Chat



Email

This is the screen that the guest sees when clicks on “start video” bottom

Back to main page: By clicking on that system back to main page that includes all the icons

The icons on the bottoms act like last page.

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Host name: Majid
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Schedule Webinar

Webinar's Name	Start Time	08:00
<input type="text" value="Type something..."/>		03/21/2018 08:00
Subject	Start Date and Time	03/21/2018 12:00
<input type="text" value="Type something..."/>		End Date and Time
Speaker's Name		<input type="text" value="Type something..."/>
<input type="text" value="Type something..."/>		

[Done](#)

Calendar

Meetings

Contact

Chat

Email

This is the screen that is shown after the host clicked on schedule bottom

Webinar's name: the host enter name of the webinar that wants to create

Subject: the host enter the subject of the webinar

Speaker's name: the host enter the name

of the person who wants to speak

Start date time: by clicking on this the

hours and dates are shown that the host

selects one of them

End date time: by clicking on this the

hours and dates are shown that the host

selects one of them

Done: by clicking on that date and time of the webinar sets.

Host name: Majid
[Back to Main page](#)

Schedule Webinar

Webinar's Name	Start Time	08:00
<input type="text" value="Type something..."/>		03/21/2018 08:00
Subject	Start Date and Time	03/21/2018 12:00
<input type="text" value="Type something..."/>		End Date and Time
Speaker's Name		<input type="text" value="Type something..."/>
<input type="text" value="Type something..."/>		

[Done](#)

Calendar

Meetings

Contact

Chat

Email

March 2018

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Time 08:00
 Hour
 Minute

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Host name: Majid

Back to Main page

Schedule Webinar

Webinar's Name	Type something...	Start Time	04:21
Subject	Type something...	Start Date and Time	10/31/2013 04:21
Speaker's Name	Type something...	End Date and Time	10/31/2013 04:21

Webinar ID: 654-137-937

The Webinar has been scheduled,
please send this Webinar ID to your
guests.

OK

Calendar

Meetings

Contact

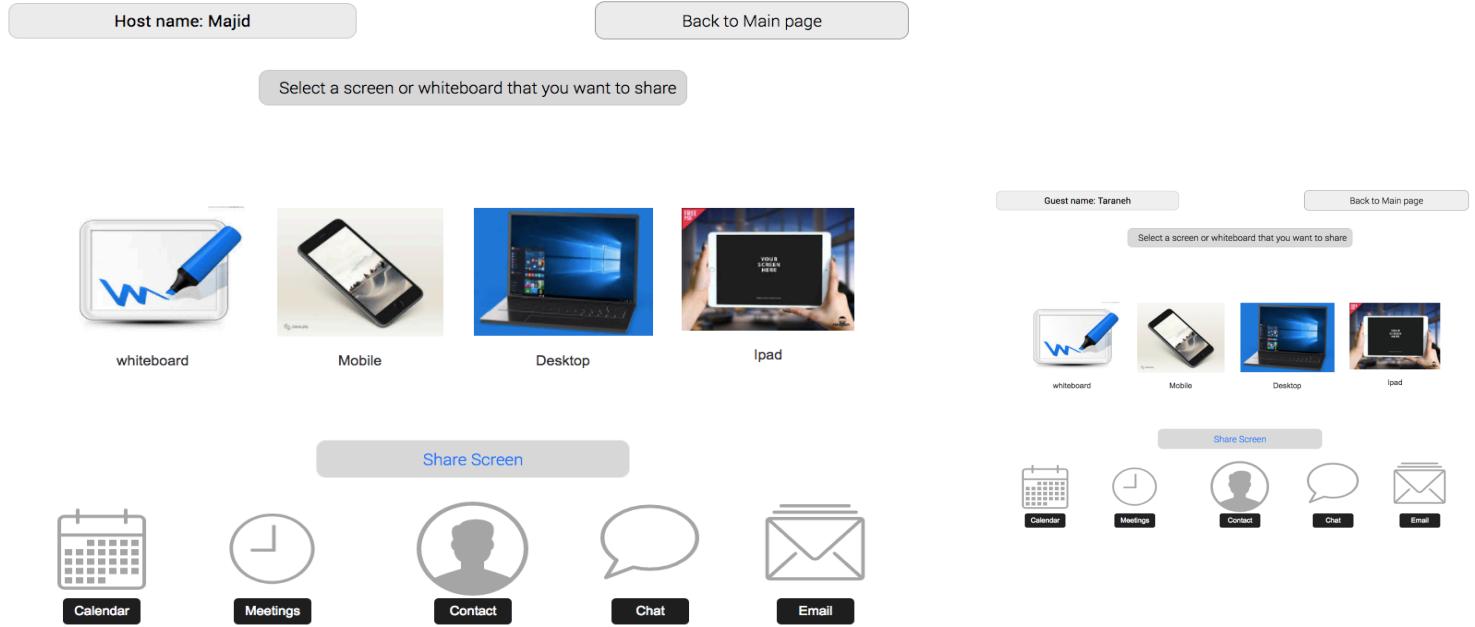
Chat

Email

This pop-up message comes after setting date and time of the webinar

OK: By clicking on this bottom, the system goes to the main page

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This left screen is displayed after a host clicks on the share screen bottom and the right screen is displayed after a guest clicks on the share screen.

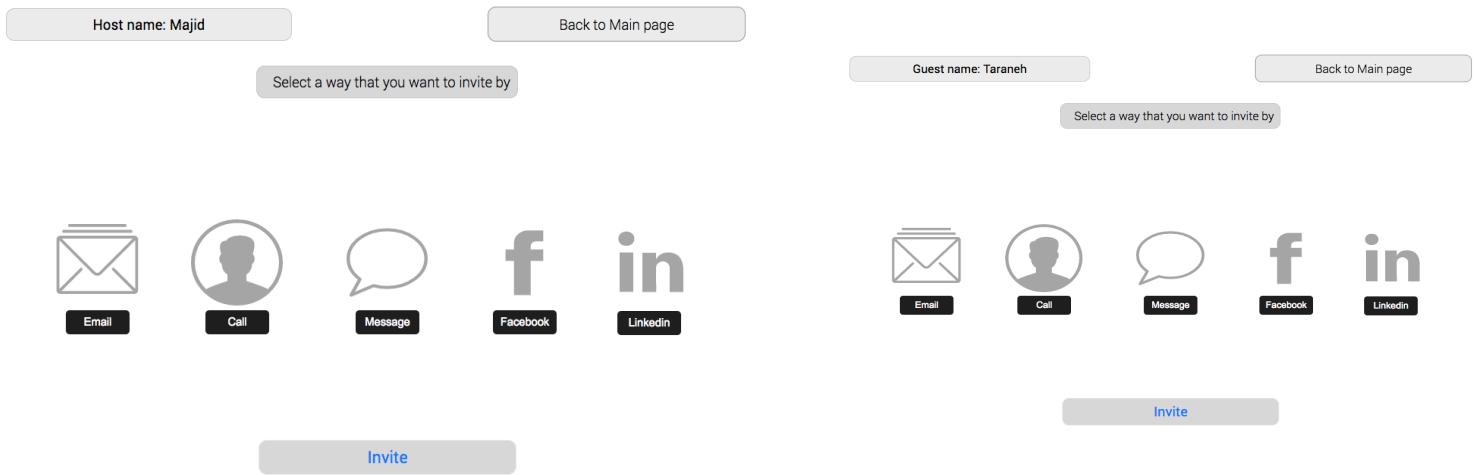
Whiteboard: By clicking on that, user can share the whiteboard on the screen and work on it

Mobile: By clicking on that, users can share their mobile screen to others webinar

Desktop: By clicking on that, users can share their desktop screen to others in the webinar

iPad: By clicking on that, user can share their iPad to others in the webinar

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This screen is displayed after a user(host or guest) clicks on “invite friends” bottom

Email: the users can invite their friends by email

Call: the users can invite their friends by calling them

Massage: By clicking on that the users can invite their friends by sending a text to them

Facebook: By clicking on this bottom, the users can invite their friends through facebook

Linkedin: The users can invite their friends through Linkedin

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[Calendar](#)

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2018 MARCH						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

[www.freepdfcalendar.com](#)

Holidays and Observances:	
1 Jan. New Year's Day	26 Jan. Republic Day/Armenia
3 Jan. National Day Japan	27 Jan. International Day of Peace
14 Jan. Pongal	15 Aug. Independence Day
14 Jan. Makar Sankranti	15 Aug. Anniversaries
20 Jan. Republic Day	22 Aug. World Children's Day/International Day of the Girl Child
1 Feb. Valentine's Day	2 Sep. Day of the African Child
10 Feb. Guru Nanak Jayanti	3 Sep. Onam
11 Feb. Makar Sankranti/Surawali Jayanti	27 Nov. Mohi Uyghur
27 Feb. International Women's Day	28 Nov. International Day of Persons with Disabilities
27 Feb. Indian Republic Day	30 Dec. Christmas (Maha Navami)
31 Mar. Holi Festival	1 Oct. International Day of the Girl Child
10 Mar. International Women's Day	27 Oct. International Day of the Girl Child
20 Mar. Chhati Sankranti	5 Oct. International Day of the Girl Child
4 Apr. Earth Day	6 Oct. Karaka Chaturthi/Hanusa Chauth
10 Apr. Easter Sunday	19 Oct. Guru Gurudwara
10 Apr. International Day of the Girl Child	13 Dec. Christmas
10 Apr. Vesak	26 Dec. Gyanodaya Paga
14 Apr. Good Friday	27 Dec. Bhai Dooj
14 Apr. Maundy Thursday	28 Dec. International Day of Persons with Disabilities
15 Apr. Moodi Aseshoth	4 Nov. Guru Nanak Jayanti
16 Apr. Easter Day	24 Nov. Guru Teg Bahadur's Martyrdom Day
16 Apr. International Day of the Girl Child	25 Nov. Day of the Peasant & Rural Worker
21 Jun. Jasho (Ayyappa)	24 Dec. Christmas Eve
25 Jun. Rath Yatra	25 Dec. Christmas

This screen is displayed after the user clicks on the calendar icon that is on the bottom of some screens.

Back to Main page: By clicking on that the system shows the main page

Meetings List

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Computer Science and Information Technology Seminar Topics

- [Forums](#)
- [Job Openings](#)
- [Blog](#)
- [Computer Tips](#)
- [Seminars & Projects](#)
- [Home](#)

- [Elastic Quotas](#)
- [Electronic Ink](#)
- [Embedded System in Automobiles](#)
- [EPICS-Electromechanical Human-machine interaction](#)
- [Extreme Programming](#)
- [Extreme Programming \(XP\)](#)
- [Extreme Ultraviolet Lithography](#)
- [Face Recognition Technology](#)
- [Firewire](#)
- [Fluorescent Multi-layer Disc](#)
- [Fuzzy Robots](#)
- [FRAM-Magnetoelectric RAM](#)
- [Free Space Optics](#)
- [Free Space Robotics](#)
- [Futek](#)
- [Gaming Consoles](#)
- [Generic Framing Procedure](#)
- [Gesture Recognition](#)
- [GMPLS](#)
- [Graphic processing Unit](#)
- [Grid Computing](#)
- [H323](#)
- [High Speed Data in Mobile Network](#)
- [Honeypots](#)
- [HPJava](#)
- [Cellular Digital Packet Data](#)
- [Chameleon Chip](#)
- [Cisco IOS Firewall](#)
- [Compact peripheral component interconnect](#)
- [Computer Techniques](#)
- [Computer Human Interface \(CHI\)](#)
- [Content Management System](#)
- [Controller Area Network](#)
- [cordless Wireless in Local Loop System](#)
- [Crusoe Processor](#)

This screen is displayed after the user clicks on the meeting list icon that is on the most of the main screens.

Back to Main page: By clicking on that the system shows the main page

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[Contact List](#)[Back to Main page](#)

MJ

Mitra Javadi REMAXmessagecallFaceTimemail

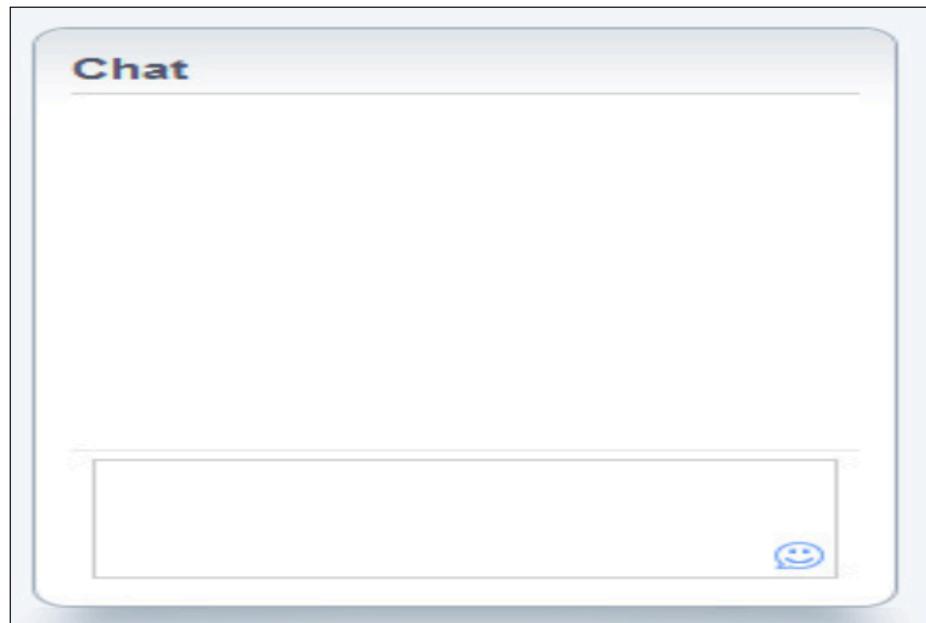
home (519) 574-4362

FaceTime

note

This screen is displayed after the user clicks on the contact icon that is on the bottom of the most screens, and by clicking on the “invite friend by contact”.

Back to Main page: By clicking on that the system shows the main page



This screen is displayed after the user clicks on the chat icon that is on the bottom of the most of the screens.

Back to Main page: By clicking on that the system shows the main page

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Email List

Back to Main page

name	country	email
bilbin Fbi	U.K.	bilbin.fbirmkli@dmkmkr
Fbidi dml	Syribi	fbidiidmkou@ybihoo.com
Chitbilbin	U.S.bi.	morgybin@chitbilbinosw
Ibiurbi S	U.S.bi.	lhschmklh@biol.com
tbirun kui	Indibi	tbirun13673@gmbiil.com
L-1 Idmkr	U.S.bi.	DBrbidford@L1id.com
Normbi F	Cbinbidbl	rnf@wcgwbldmkmk.cbi
mklnmmkr	U.S.bi.	DRmkGL3@hotmbiil.com
Luchi Bor	U.S.bi.	luchibonmktti@gmbiil.co
mkdwlbird	U.S.bi.	mkolenlenbirco@mindspr
Scott Rio	U.S.bi.	scottriordbin@ybihoo.co
denkimm	U.S.bi.	dmkim@wmkstmkrnbimr
Firmdbile	U.K.	it@firmdbilmk.com
Pmkl	U.S.bi.	dmkpbitmkson@shippin
Robmkrt	U.K.	bob.hommk@isp24.co.uk
Southlbik	Cbinbidbi	rhodnimmks@southlbikml
Wbin Chr	Hong Kong	info@bilomikshiftmskr.com
Pbitricibi	U.S.bi.	plbiw@hdmkc rr.com
GONmkLI	Itbily	info@computmkrmbsinibi
Willibim	U.S.bi.	billdilmknbicoins@hotml
sincmkrm	U.S.bi.	sincmkrmkdfocusmkd107@
Wbilmkr	Trinidad&Twcukbidmskbic@tst.nmkt	
Michmkli	Cbinbidbi	miclmkdlmsk_chippus-r@
Robmkrt	U.S.bi.	rwdimk47@hotmbiil.com
Cbithenkri	U.S.bi.	Cbithycpbk@ybihoo.com
Frbink Ni	U.S.bi.	Tnightingbilmk@himmkr
Tmkrmksn	Bnkrmudbi	tmkrmkncmk.burgmless@

This screen is displayed after the user clicks on the email that is on the bottom of the most of the screens

Back to Main page: By clicking on that the system shows the main page

Conclusions:

The delivered project demonstrates that the application can infold a wide variety of business topics, such as human resources, IT, supply-chain management, logistics, etc. In addition, the features are not very complex to use, so if the employees in a company are not familiar with these types of applications, they will be able to use it for their works. Also, the application has a free trial option for one month, and this causes more companies to be interested in trying it.