



# Link: User Manual

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## 1. Homepage

This page features a series of links to the left to access to Groups, People, Friends (i.e. when both follow each other), and you can create a new group. The middle section is your Feeds and to the right are your friends and groups chat session.

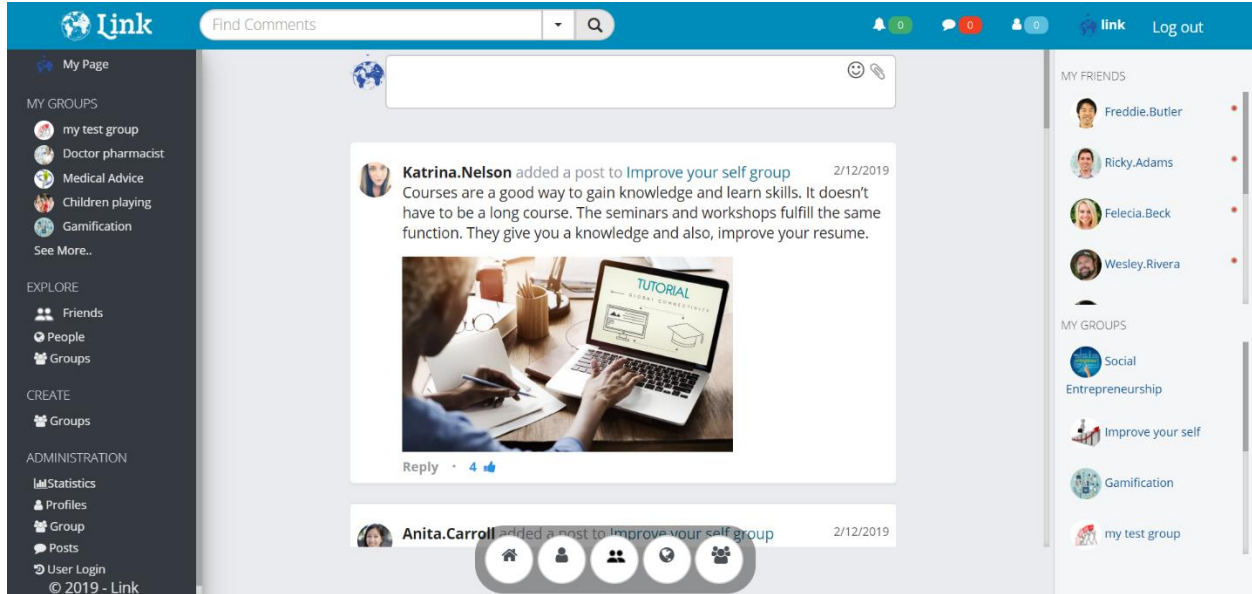


Fig.1 A snapshot of a Link home page

## 2. Bottom Navigation Menu

It is one of the best practices in mobile UX design. This feature allows users to interact freely with their phone using either their thumb or finger.



Fig.2 A snapshot of a Link home page

### 3. Navbar Header



Fig.3 A snapshot of a Link navbar

This section locates on top of all pages. It contains the following features:

1. **Notifications:** Are updates about the activity. There are a three types of notifications:
  - a. **General Notifications:** This will show you all of the actions that have taken place on your page, or on a group you have, followed from a new post, likes to post, or reply on any post.

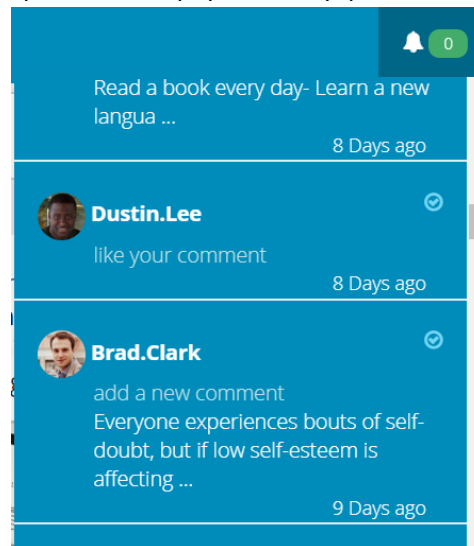


Fig.4 A snapshot of a Link general notifications

- b. **Chat notification:** This will show you a list of chat notification, which is sent by other people or add in some group discussion.

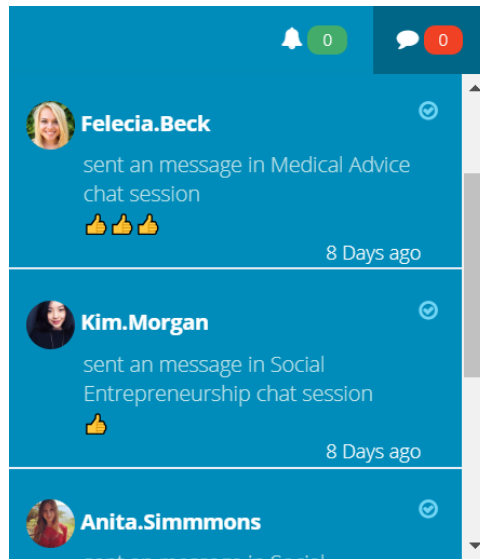


Fig.5 A snapshot of a Link chat notifications

- c. **User notification:** This will show you a list of people that have followed you.

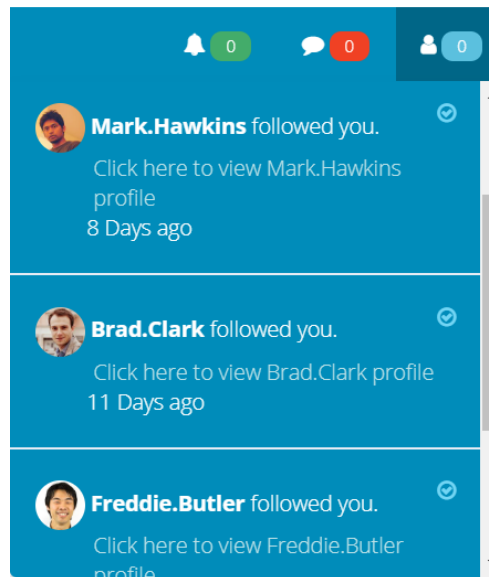
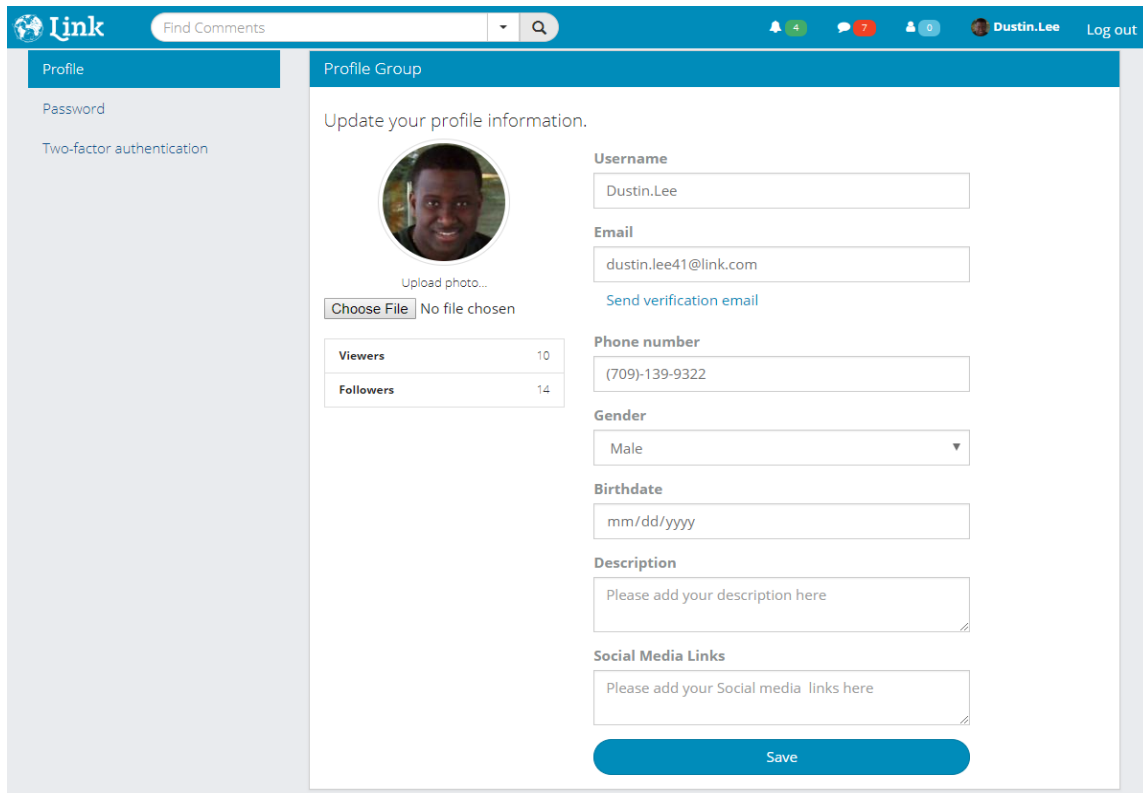


Fig.6 A snapshot of a Link user notification

2. **Manage Profile:** This will take you back to your account profile so that you can edit your profile information such as user password, name, avatar, email, phone number .etc.



The screenshot shows a user profile management interface for a social network called 'Link'. The page has a blue header with the 'Link' logo, a search bar labeled 'Find Comments', and user navigation links for notifications (4), messages (7), friends (6), and the current user 'Dustin.Lee' with a 'Log out' button.

On the left, a sidebar contains links for 'Profile', 'Password', and 'Two-factor authentication'. The main content area is titled 'Profile Group' and prompts the user to 'Update your profile information.'.

The profile section includes a circular profile picture of a man, with an 'Upload photo...' button and a 'Choose File' button (showing 'No file chosen'). Below the photo, a table displays statistics:

Viewers	10
Followers	14

To the right of the photo are form fields for:
 

- Username:** Dustin.Lee
- Email:** dustin.lee41@link.com, with a 'Send verification email' link.
- Phone number:** (709)-139-9322
- Gender:** Male (selected from a dropdown)
- Birthdate:** mm/dd/yyyy
- Description:** A text area with the placeholder 'Please add your description here'.
- Social Media Links:** A text area with the placeholder 'Please add your Social media links here'.

 A blue 'Save' button is at the bottom of the form.

Fig.7 A snapshot of a Link manage user profile

3. **Logout:** to end the current user session for the Link social network.
4. **Search:** the search feature allows you to find posts by date, member, and post or comment content. It's an important tool to help users to find Link content which they look for.

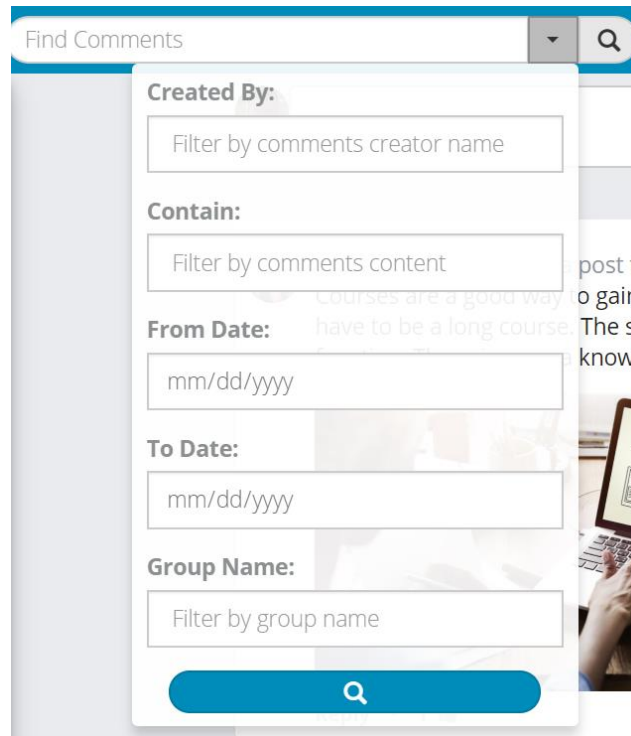


Fig.8 A snapshot of a Link search

## 4. Chat Session

Link has its own, instant-messaging, which allow you to a conversation which anyone. Link allows you to compose a private message to Link friends as well as to people who not friends. In addition, Link allows you to make a group chat, where you can compose a message to a set of a user who follows a specific group. The user can start the chat session by clicking on the user/group icon in the right sidebar.

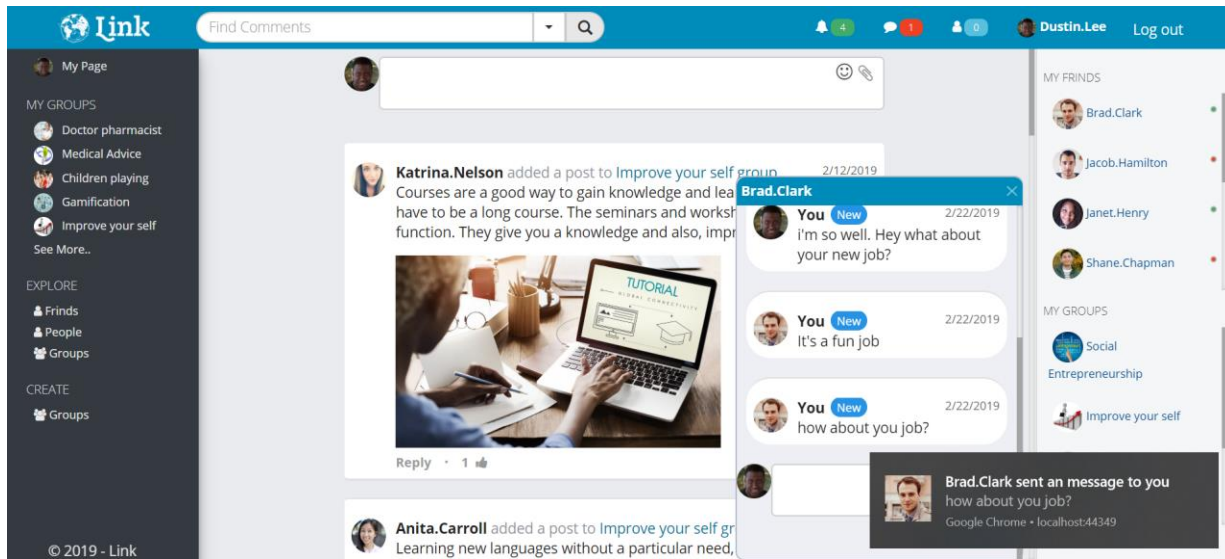


Fig.9 A snapshot of a Link private chat session, with notification popup

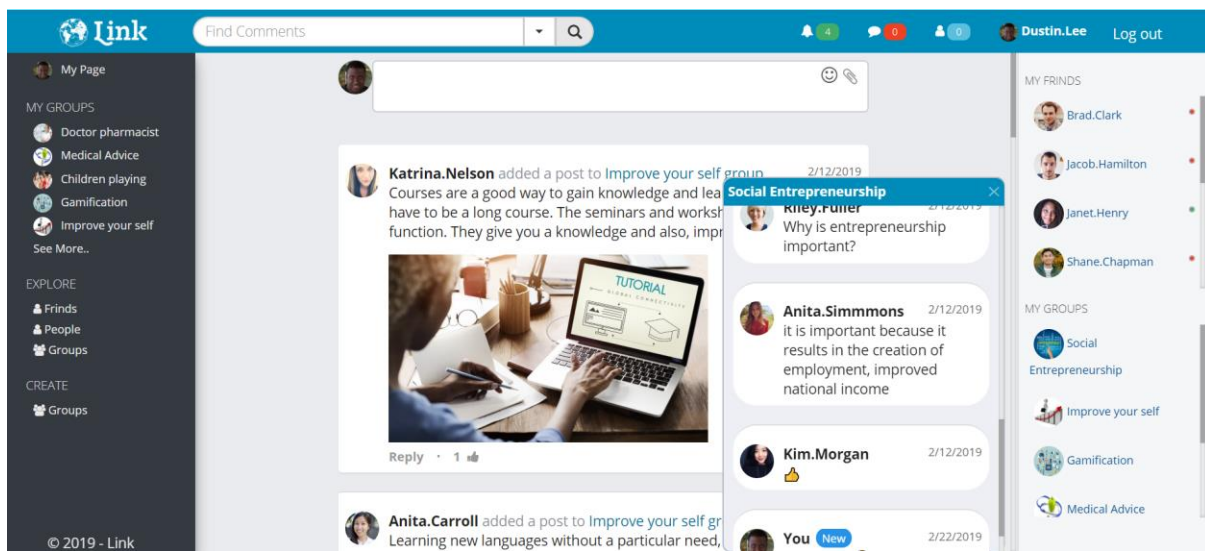


Fig.10 A snapshot of a Link group chat session

Link also allow you to make different kind of conversation at the same time, see the below figure.

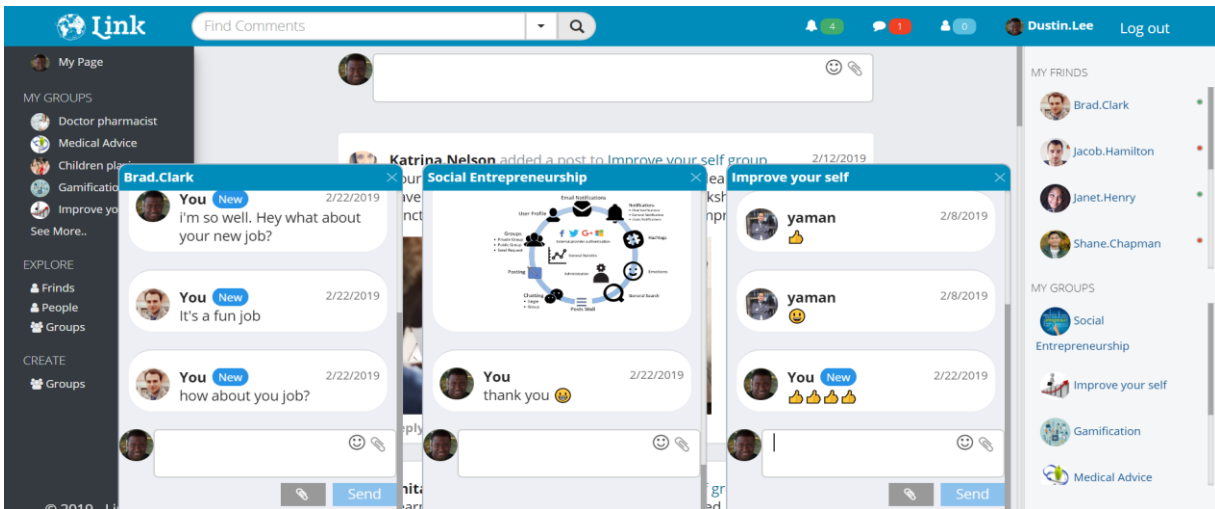


Fig.11 A snapshot of a Link multi chat session

## 5. User Profile Page

Each user in Link Social Network has a user profile page. The user profile represents the user persona. It contains the user information such as User Image, User name, email, title, description and contact information .etc. In addition, the User Profile contains some numeric indicators about how many users view the profile and number of the follower. Furthermore, users share comments on their page which can be seen by all page followers, and they will get a notification about that.

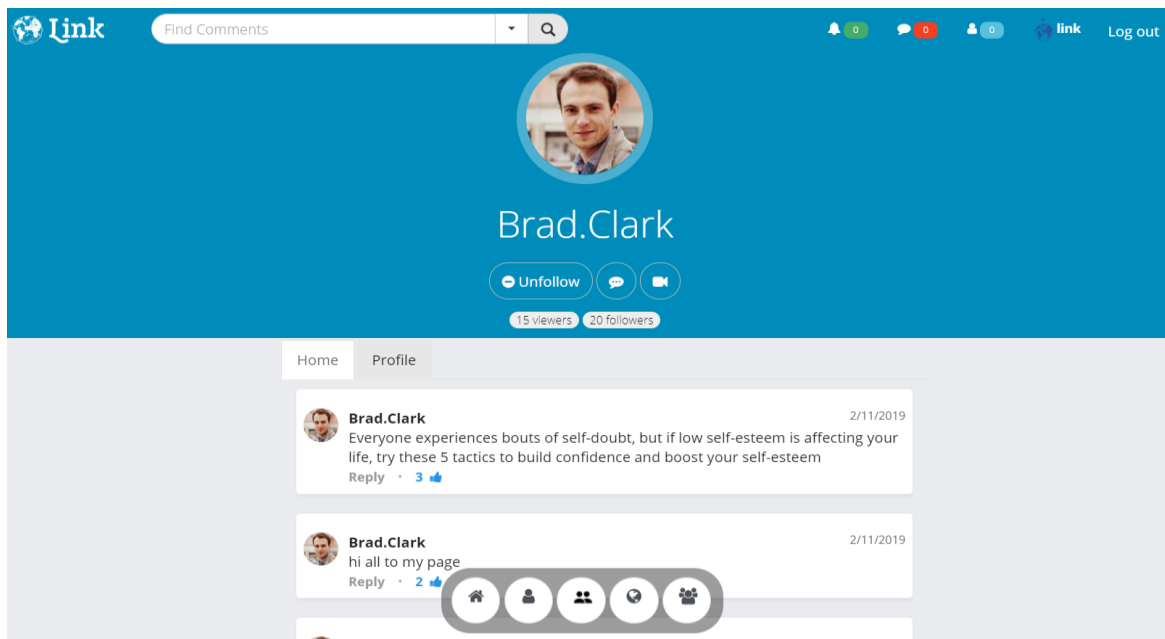


Fig.12 A snapshot of a Link user profile page



## 6. Video and audio calling

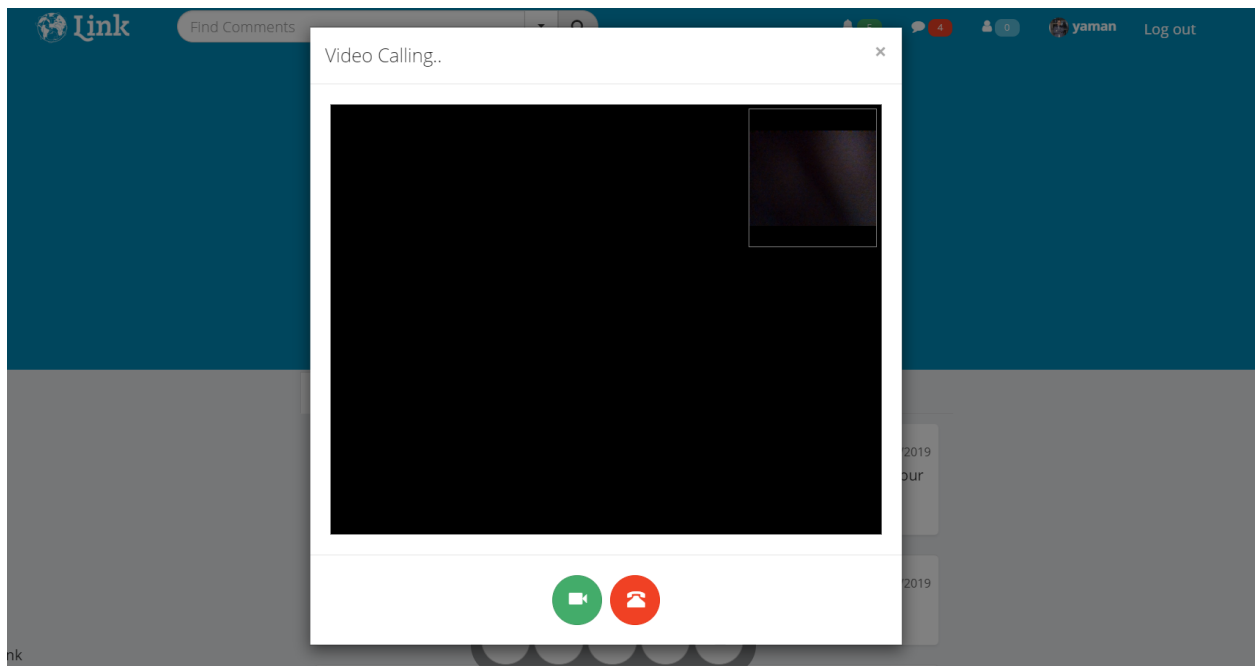
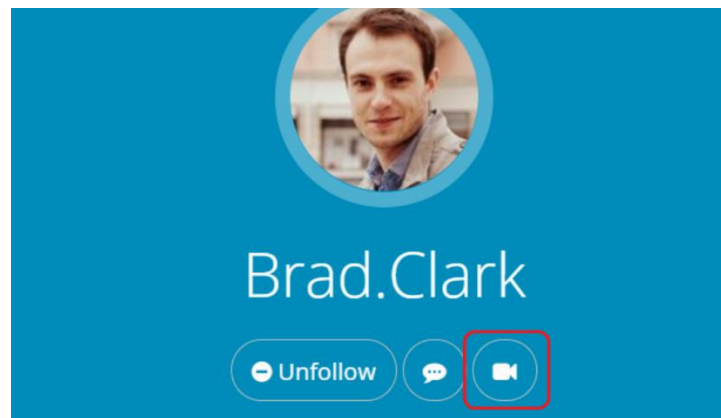


Fig.13 A snapshot of Video audio calling feature, after start calling  
*Note: (the screen is black, because we have turn off the camera)*

In the user profile there is a video and audio calling feature (see the above image). This feature allowing two users to communicate directly. This feature built upon WebRTC technology. A WebRTC is an open source project built and maintained by Google, Mozilla, Opera and others. It allows you to easily build real-time chat communication in the browser. In addition, it eliminating the need to install plugins or download native apps.

## 7. Group Page

The group page is one of the cores of the Link social network. It allows a group of user to communicate, collaborate for discussing some goal. Moreover, it contains a set of features that facilitate their communication. The group page contains a “Send Request to Email List” feature which allows users sending a request to some user who registered/not registered into Link Social Network.

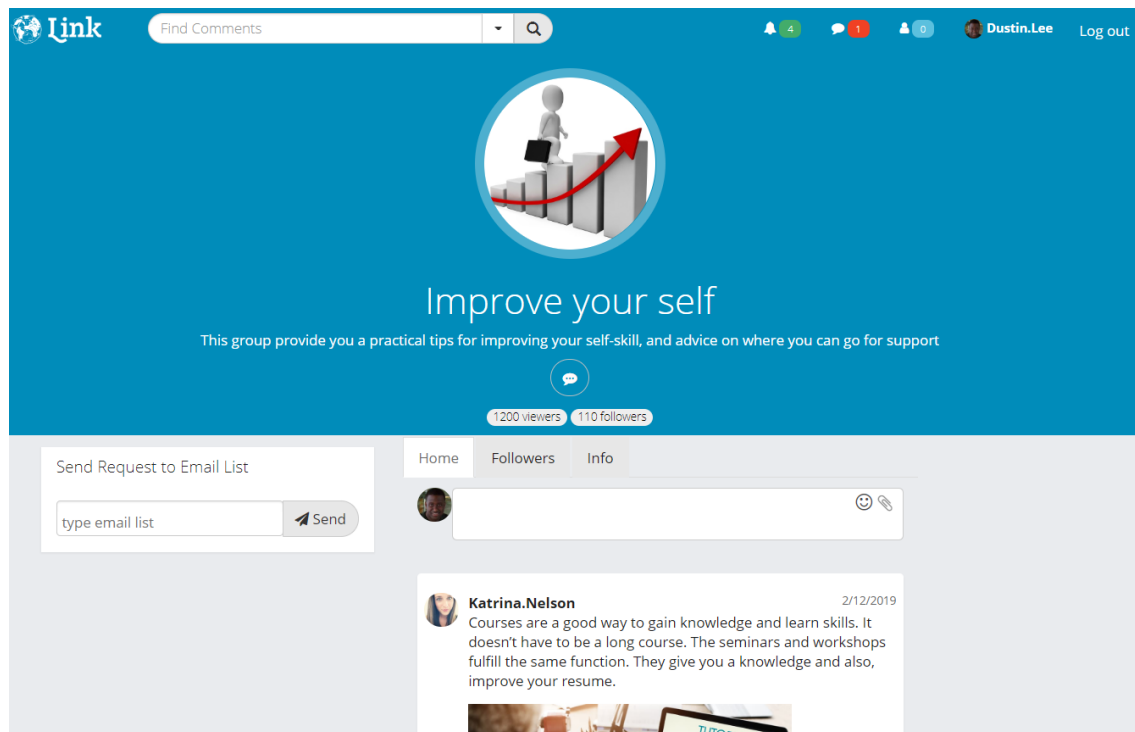


Fig.14 A snapshot of a Link Group Page

To see the group followers, by clicking on the “Follower” table. A list of group follower will view. If you are the group creator, you can set any of the followers as admin of the group.

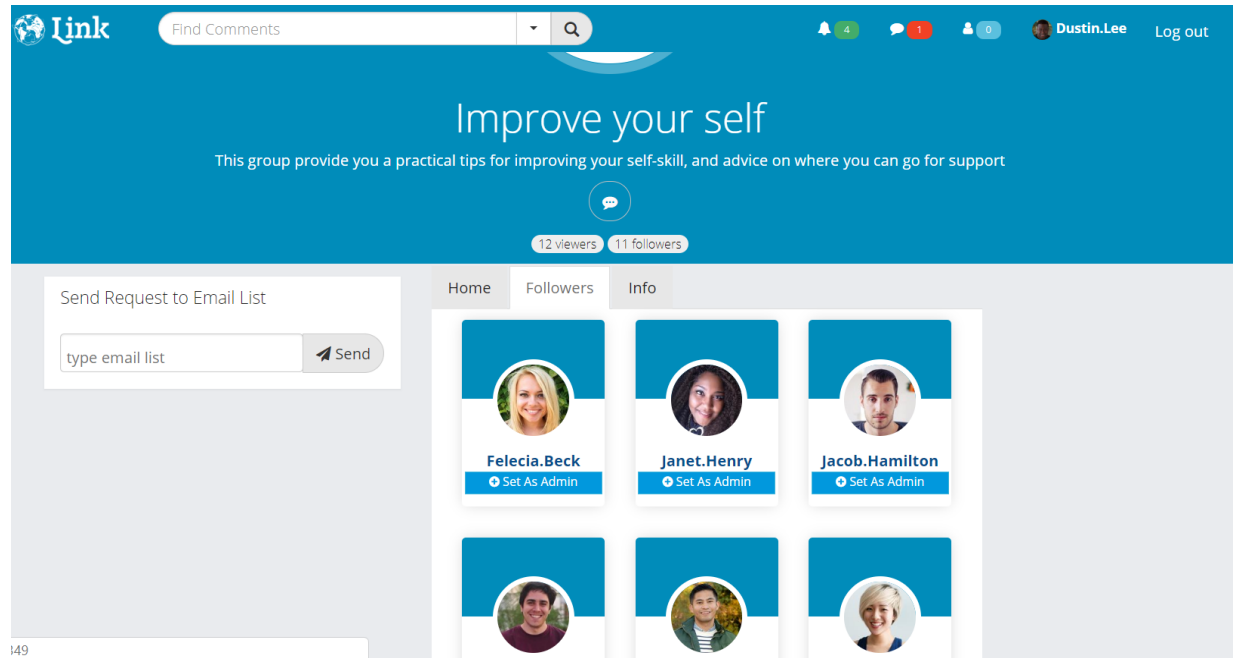


Fig 15. A snapshot of a Link Group Followers

To update the group page information. First of all, you must be the group creator. After that click on "Info" tab, and click on "Edit Group info" link.

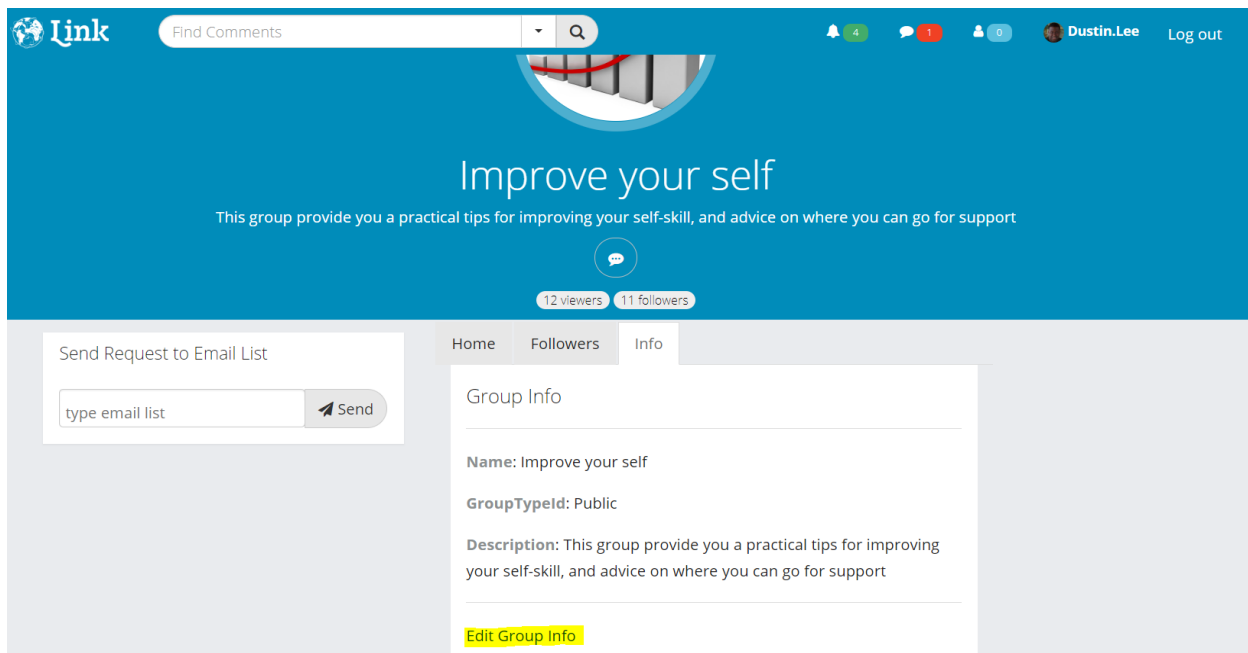


Fig.16 A snapshot of a Link Edit group Info

## 8. Explore Group

If you want to explore the link group. Click on the "Group" link on the home page left sidebar. After you click on it a group list will be shown. You can find a specific Group by entering the group name into the Search field and click on the "Search" button. Moreover, you can explore them by clicking on the "Load More" button. You can follow a specific group by clicking on the "Follow" button, also you can unfollow them by clicking on the "Unfollow" button.

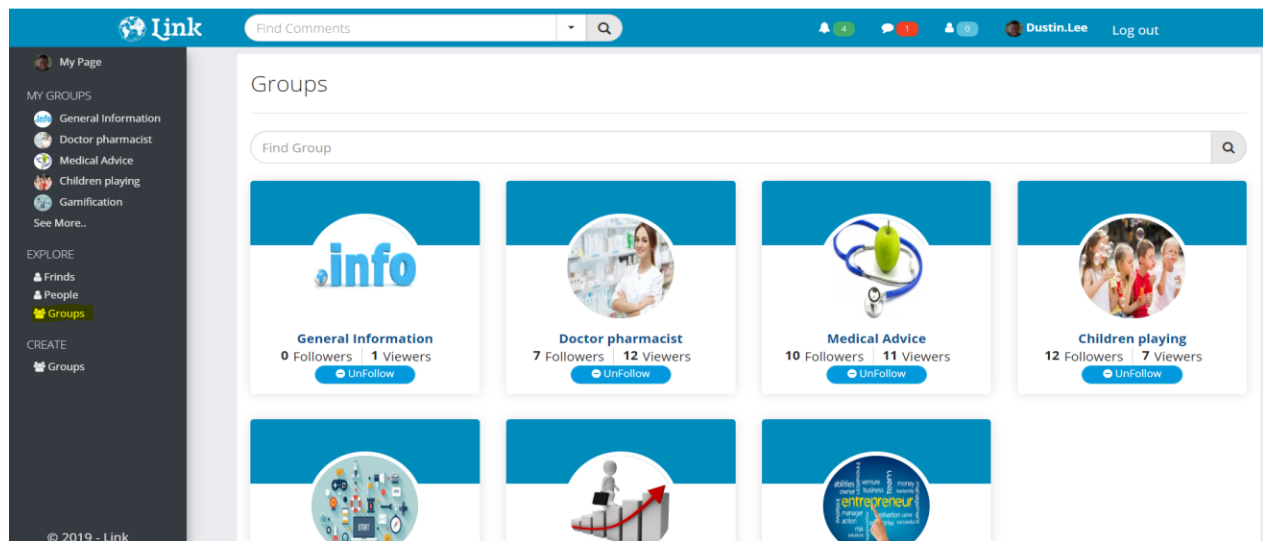


Fig.17 A snapshot of a Link group List

### There are two type of groups:

- **Public:** Anyone can view the group posts and members.
- **Private:** Only members can see group posts and their members.

To create a new Link group (see Fig.14), whether a public group or private group. You need to click on "Create New group" which is on the homepage left sidebar. After that, the "Create Group" page will be open. "Create Group" contains a set of information including:

- Group Photo
- Group Name
- Group Type (Public or Private)
- Group Description

After you fill this information, and click "Create". The Group will be created, and you will be the group admin.

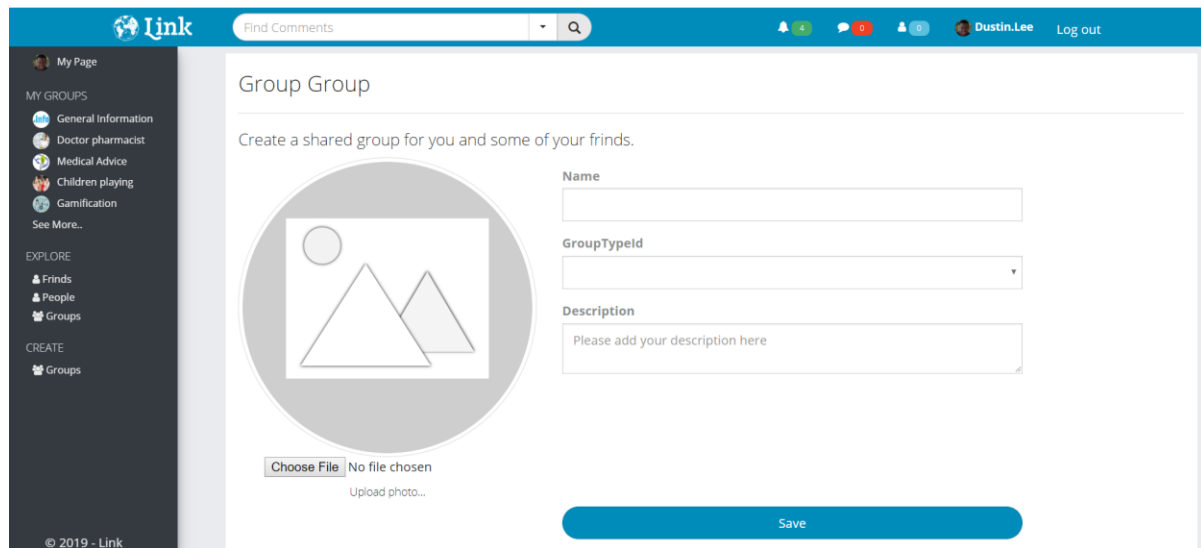


Fig.18 A snapshot of a Link People List

## 9. Explore People

The Link people list is a list that contains all the Link persons. To explore the People list. You need to click on the "People" link on the home page left side bare. After you click on it a list of Link people will be shown. You can find a specific person by entering his/her name into the Search field and click on the "Search" button. Moreover, you can explore all of them by clicking on the "Load More" button. You can follow a specific person by clicking on the "Follow" button, also you can unfollow them by clicking on the "Unfollow" button. To view a specific person's profile, click on his/her name link.

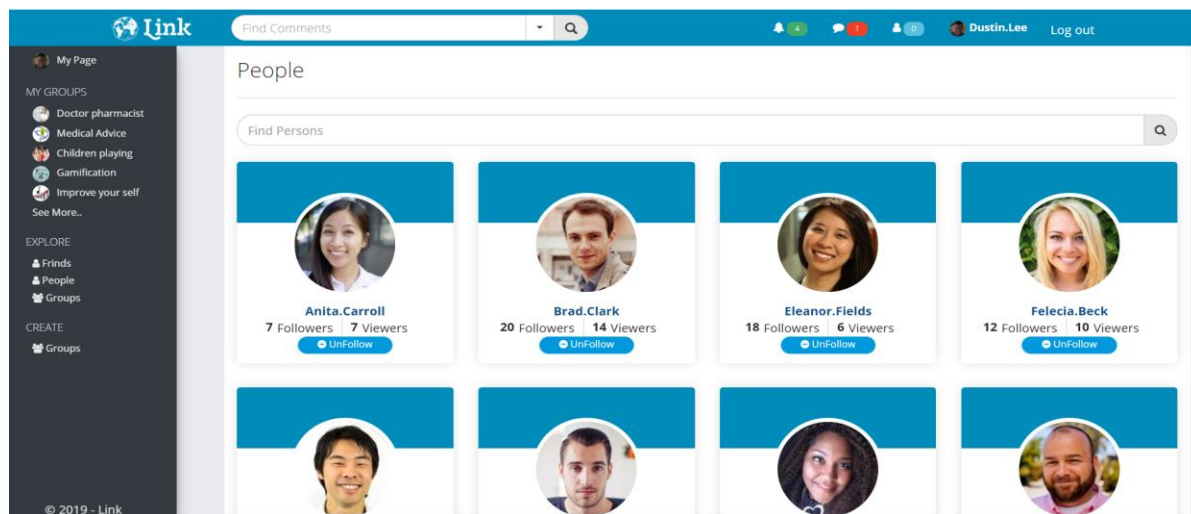


Fig.19 A snapshot of a Link People List

## 10. Explore Friends

The Link people list is a list that contains all the users you have followed. To explore your friends. Click on the "Friends" link on the home page left side bare. After you click on it a list of your friends will be shown. You can find a specific friend by entering his/her name into the Search field and click on the "Search" button. Moreover, you can explore all of them by clicking on the "Load More" button. You can unfollow a specific friend by clicking on the "Unfollow" button. To view a specific friend's profile, click on his/her name link.

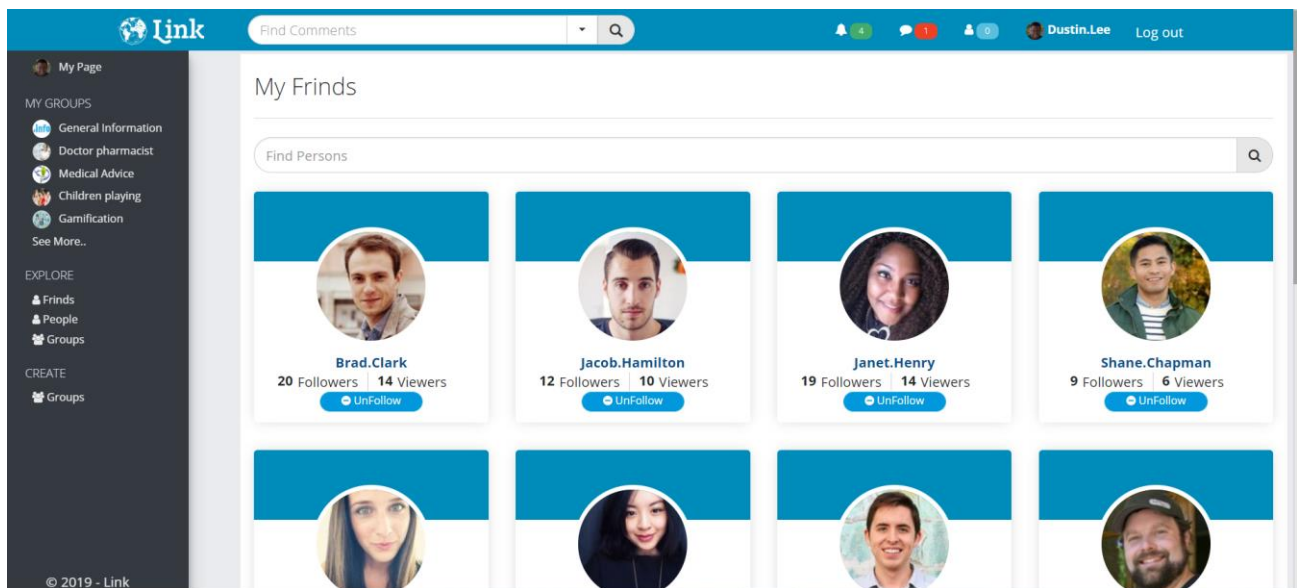


Fig.20 A snapshot of a Link Friends List

## 11. Administration View

Link has an administration level view which allows admin user to see information about link group, user, and comments. Link currently supports only one admin user with the following email and password.

**Email:** [link@link.com](mailto:link@link.com)

**Password:** ADMIN

After you logged in as admin user you will the administration section on the Homepage left sidebar.

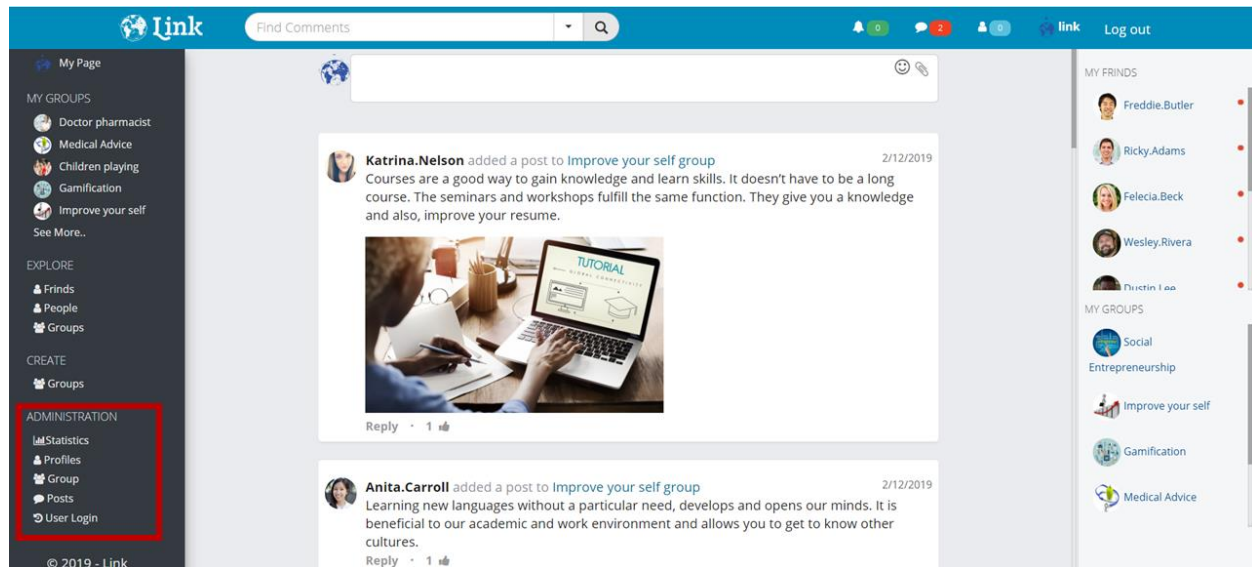


Fig.21 A snapshot of a Link Admin View

This section allow you to see only statistic and Reporting information about all Link data as the following:

- **Current Login User:** Link allows admin user to see all logged in user's history.
- **Explore all user profile:** Link allows admin user to see all users profile information.

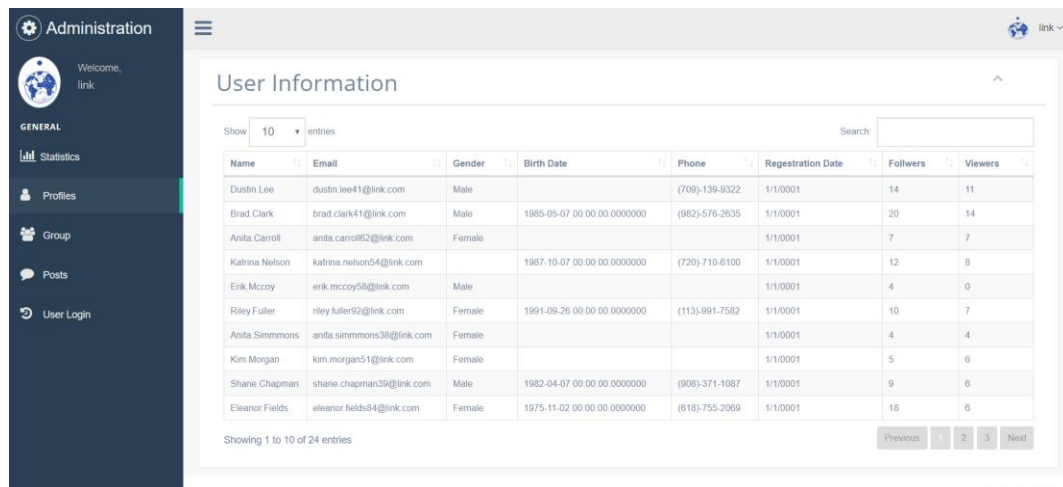
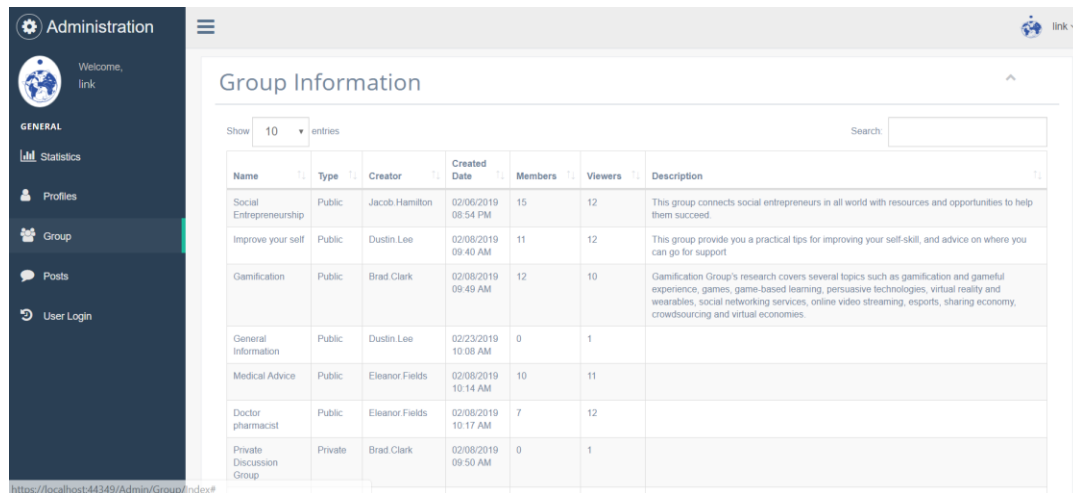


Fig.22 A snapshot of a Link Admin Post Information Page

- **Explore all Group:** Link allows admin user to see all groups' information.

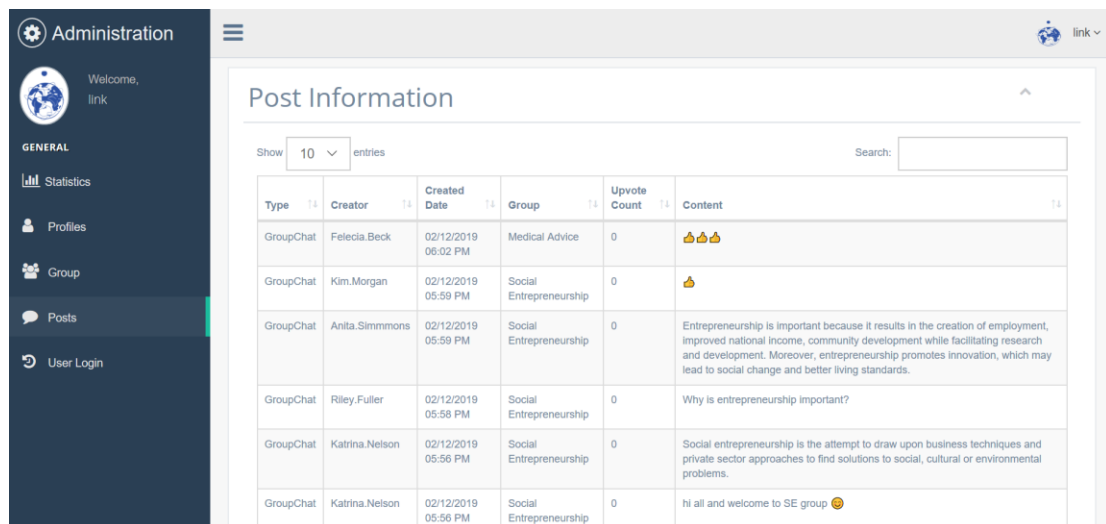


The screenshot shows the 'Group Information' page in the Link application. The left sidebar contains navigation links: Administration, Welcome, link, GENERAL, Statistics, Profiles, Group, Posts, and User Login. The main content area displays a table of group information with columns: Name, Type, Creator, Created Date, Members, Viewers, and Description. The table lists several groups, including 'Social Entrepreneurship', 'Improve your self', 'Gamification', 'General Information', 'Medical Advice', 'Doctor pharmacist', and 'Private Discussion Group'.

Name	Type	Creator	Created Date	Members	Viewers	Description
Social Entrepreneurship	Public	Jacob Hamilton	02/06/2019 06:54 PM	15	12	This group connects social entrepreneurs in all world with resources and opportunities to help them succeed
Improve your self	Public	Dustin Lee	02/08/2019 09:40 AM	11	12	This group provide you a practical tips for improving your self-skill, and advice on where you can go for support
Gamification	Public	Brad Clark	02/08/2019 09:49 AM	12	10	Gamification Group's research covers several topics such as gamification and gameful experience, games, game-based learning, persuasive technologies, virtual reality and wearables, social networking services, online video streaming, esports, sharing economy, crowdsourcing and virtual economies.
General Information	Public	Dustin Lee	02/23/2019 10:08 AM	0	1	
Medical Advice	Public	Eleanor Fields	02/08/2019 10:14 AM	10	11	
Doctor pharmacist	Public	Eleanor Fields	02/08/2019 10:17 AM	7	12	
Private Discussion Group	Private	Brad Clark	02/08/2019 09:50 AM	0	1	

Fig.23 A snapshot of a Link Group Information Page

- **Explore all Comments:** Link allows admin user to see the user/group's comments.



The screenshot shows the 'Post Information' page in the Link application. The left sidebar contains navigation links: Administration, Welcome, link, GENERAL, Statistics, Profiles, Group, Posts, and User Login. The main content area displays a table of post information with columns: Type, Creator, Created Date, Group, Upvote Count, and Content. The table lists several posts, including 'GroupChat' posts by Felecia Beck, Kim Morgan, Anita Simmons, Riley Fuller, Katrina Nelson, and another Katrina Nelson.

Type	Creator	Created Date	Group	Upvote Count	Content
GroupChat	Felecia Beck	02/12/2019 06:02 PM	Medical Advice	0	👍👍
GroupChat	Kim Morgan	02/12/2019 05:59 PM	Social Entrepreneurship	0	👍
GroupChat	Anita Simmons	02/12/2019 05:59 PM	Social Entrepreneurship	0	Entrepreneurship is important because it results in the creation of employment, improved national income, community development while facilitating research and development. Moreover, entrepreneurship promotes innovation, which may lead to social change and better living standards.
GroupChat	Riley Fuller	02/12/2019 05:58 PM	Social Entrepreneurship	0	Why is entrepreneurship important?
GroupChat	Katrina Nelson	02/12/2019 05:56 PM	Social Entrepreneurship	0	Social entrepreneurship is the attempt to draw upon business techniques and private sector approaches to find solutions to social, cultural or environmental problems.
GroupChat	Katrina Nelson	02/12/2019 05:56 PM	Social Entrepreneurship	0	hi all and welcome to SE group 🤗

Fig.24 A snapshot of a Link Post Information Page

- **General Statistics:** Link allow admin user to see some of statistical information such as: number of user profile, number of group, top n group, user login per time, as another statistic information.



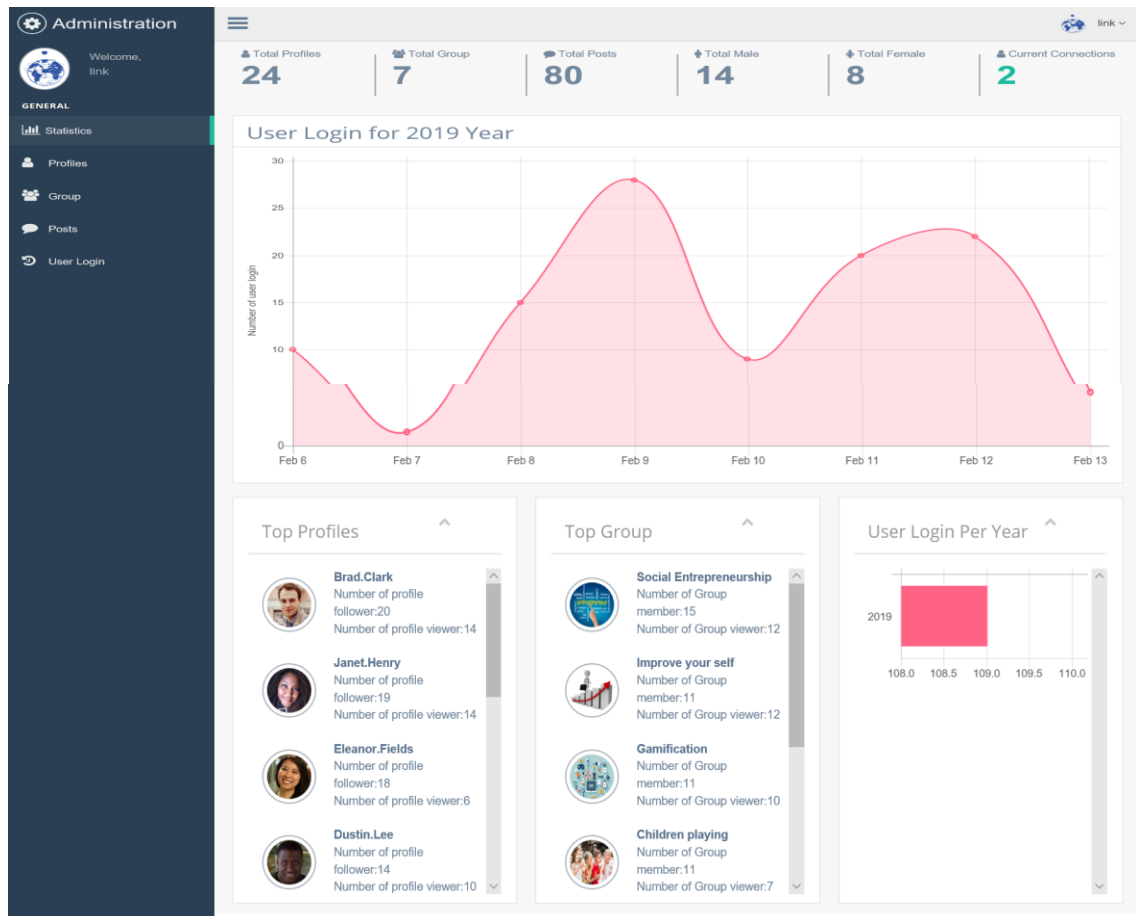


Fig.25 A snapshot of a Link General Statistic Page