



Atutor Social Mobile App

The main function of the app is to provide access to Atutor social networking through mobile devices across all major platforms. The key mobile platforms that are included are iOS, Android, Blackberry, Symbian and WebOS. The App is tested on Android and iOS thoroughly in respective development environments. Below I have stated the key integration points for the app and also included installation and user guide and steps. The app also works well will outbound links to the mobile theme Atutor URLs.

For Login include memberid.php

In order to get the "member_id" for each user after login, the following file "memberid.php" needs to be placed in "**mods/_standard/social/**" folder.

The file contains a basic reuse of the atutor include paths and "echo member_id".

The remote login to hosted atutor posts an ajax call that redirects to "**mods/_standard/social/memberid.php**" to retrieve the member_id.

KEY FEATURES

Remote Login: The app logs in to the hosted Atutor via its login.php page and uses the remote login feature. Please ensure the remote login part of login.php is enabled for this to work. Parameters such as username , SHA1 encrypted password, token and redirect url are posted remotely for a valid login.

Self Activity: This Tab shows the self activity of the logged in user. It contains updates on all the contacts, groups, gadgets or any other activity performed with hyperlinks to the mobile theme of Atutor. A user can tap and drag the list downwards to refresh the list instantly.

Network Activity: This Tab displays all the activities of the friends in the contacts.

Friends Contact List: This contains all the contacts of the user. A user can navigate via alphabet Index bar given to the right to jump to a particular alphabet contacts or simply scroll up or down.

More (About Atutor) : This Tab contains vital information and links on ATutor and also a donation link to promote the organisation and the project.

TODO

The following are the things that can enhance the app further and should be incorporated in future:

Groups and Gadgets

As Opensocial API doesn't have the groups and Gadgets list features implemented, the above

have not been added onto the app. But I have mentioned “Coming Soon” and placed the files in the code base to easily integrate them later on.

LocalStorage for offline access

This is a feature which would really enhance the app. Offline storage makes it easy to take across places without Internet access. But due to steep learning curve of the framework, it requires more time to integrate this feature in the app..

Search Contacts

Search contacts would be a nice add-on to the app as it would be easy for users to quickly access/search through contacts.

BUGS

name / displayName not Incorporated for “Networks Tab”

for eg: URI :<http://social.atutor.ca/shindig/php/social/rest/activities/1/@friends>

Response:

```
{"id": "111", "mediaItems": [], "postedTime": "2011-08-11 12:43:57", "streamTitle": "activities", "title": "has added the <a href='\"http://atutor.ca/atutor/demo/mods/_standard/social/applications.php?app_id=1\">Super Mario Bros</a> gadget", "userId": "1"}
```

The activities json URI as one above does not have displayName field for the respective userId so it is difficult to fetch it from other URI posting multiple ajax queries hence making the app slow. Therefore I am further working on a way around this as the learning curve is steep.

Response:

```
{"id": "111", "mediaItems": [], "postedTime": "2011-08-11 12:43:57", "streamTitle": "activities", "title": "has added the <a href='\"http://atutor.ca/atutor/demo/mods/_standard/social/applications.php?app_id=1\">Super Mario Bros</a> gadget", "userId": "1", "displayName": "Luis Rivera"}
```

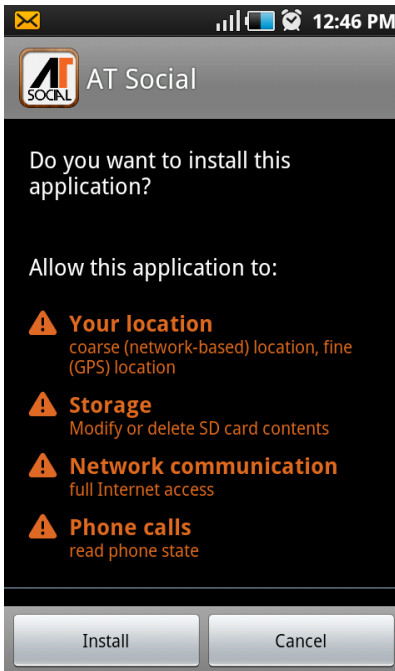
“displayName” of the “userId”

INSTALLATION

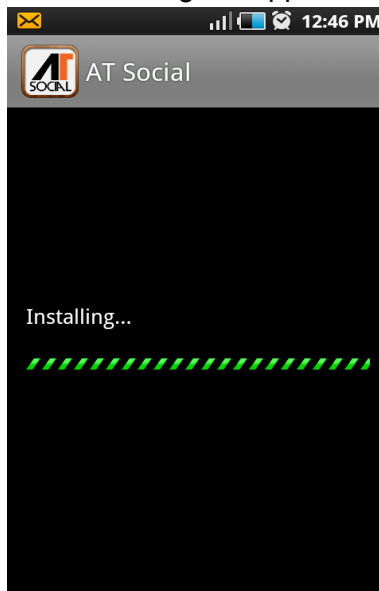
The app is installable in 5 different Mobile OS
Android | iOS | Blackberry | Symbian | WebOS

1. To Install the app in their respective handsets, one needs to download the app directly to their phones or download via link from the website perhaps.
2. After the app is downloaded follow the following steps. The installer file is like any other application for each mobile platform and every user is familiar with them. Here steps for Android is shown but it will be similar for other mobile platforms too.

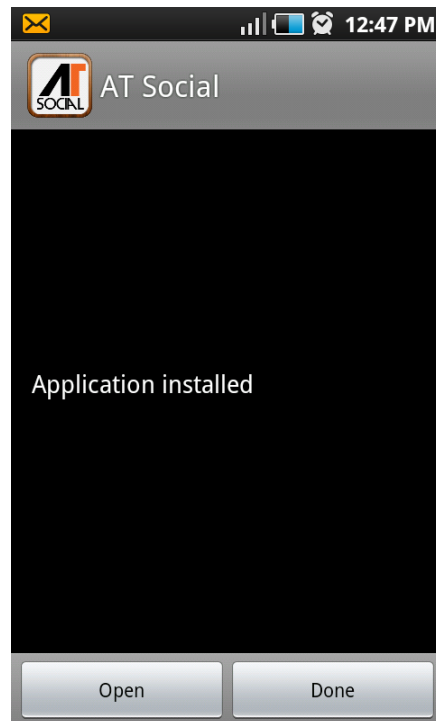
Click on the downloaded file an installer should appear like below.



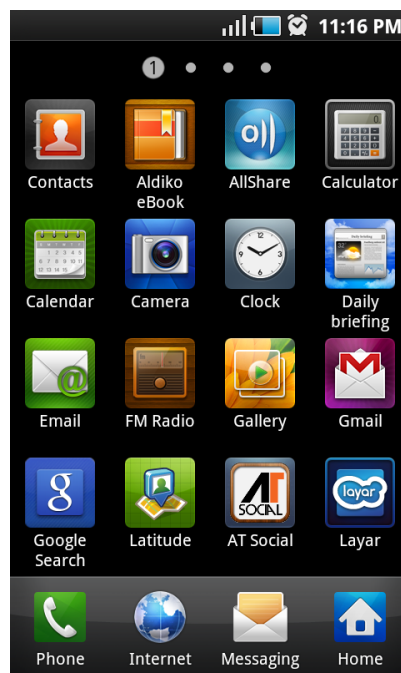
Click on “ Install ” to continue with installing the app. The screen then shows Installing...



After the installation is completed. Click on “Open” to launch the app directly or “Done” .



3. Thereafter installing the app, please RUN the application by clicking on its ICON from the menu named “AT Socail ”. *(If the App does not start properly on first launch . Click again on the App ICON from the menu to relaunch.)*



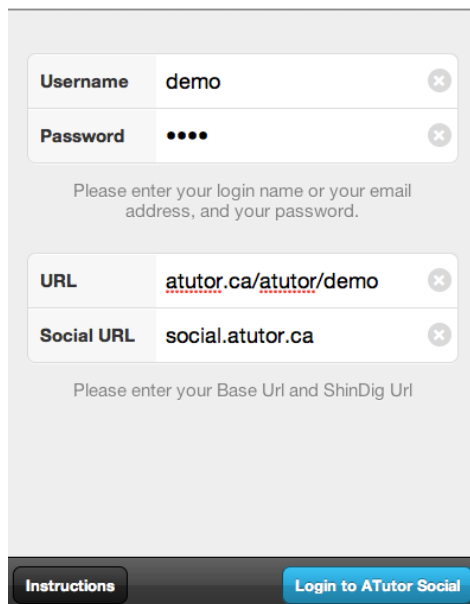
USER GUIDE (HOW IT WORKS)

Once the app is installed , open the app “Splash Screen” appears and then the login form. Enter the Atutor login credentials along with Home Url and Shindig Url.

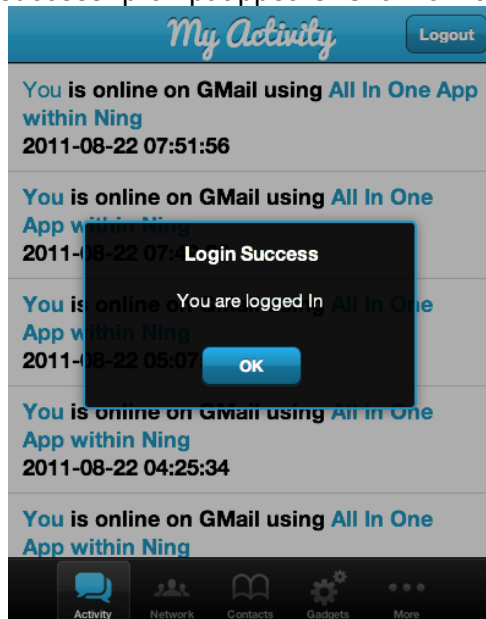
Splash Screen



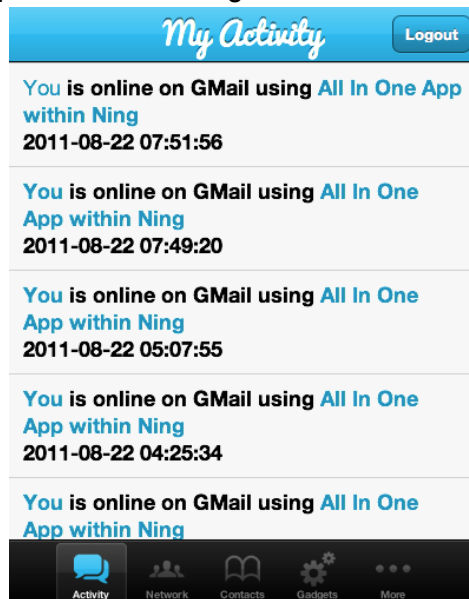
1. Click “Login to Atutor Social” to enter the app with valid credentials. The Home URL is the hosted Atutor url and Social URL is the Shindig url. DO NOT add “http://” before these as it is already prefixed. By default the Social Url is “social.atutor.ca”

The login form of the Atutor Social app. It is a light gray rectangular box with rounded corners. At the top, there are two input fields: 'Username' with the value 'demo' and 'Password' with four black dots. Below these is a text prompt: 'Please enter your login name or your email address, and your password.' Further down are two more input fields: 'URL' with the value 'atutor.ca/atutor/demo' and 'Social URL' with the value 'social.atutor.ca'. Below these is another text prompt: 'Please enter your Base Url and ShinDig Url'. At the bottom of the form, there is a dark gray bar containing two buttons: a black button labeled 'Instructions' and a blue button labeled 'Login to ATutor Social'.

2. “Login success” prompt appears. Click “ok” to continue.

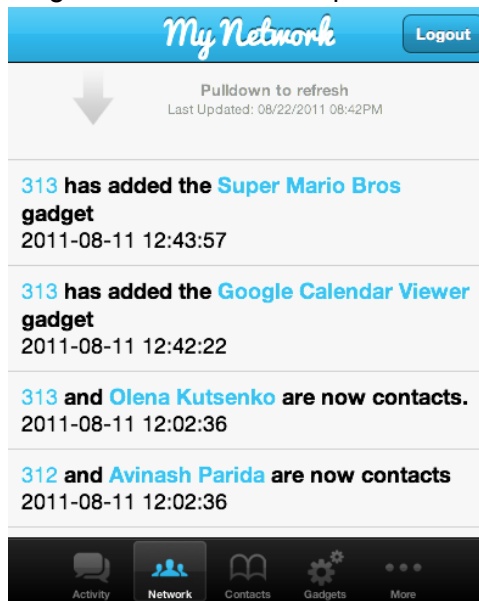


3. The app has 5 basic Tabs. Tap on each one to navigate. By default the Activity Tab is selected. Tap and slide the fingers to scroll the list up or down.

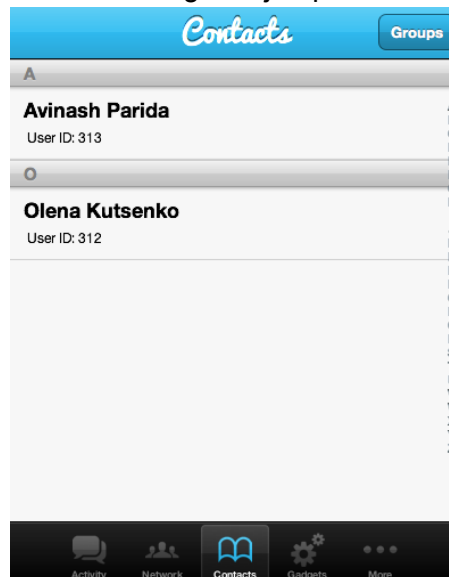


4. Selecting on “Network” Tab shows all the network activity from contacts. Tap and slide the

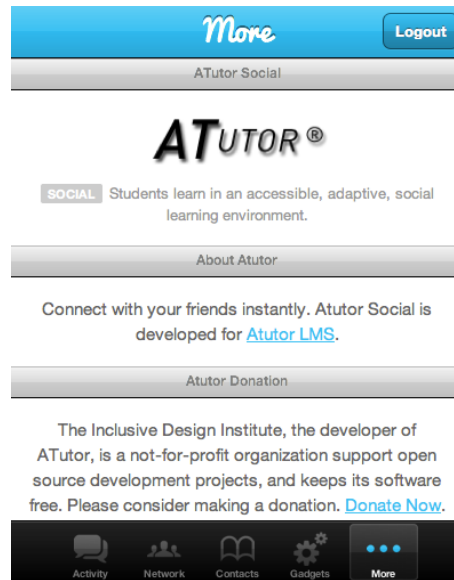
fingers to scroll the list up or down.



5. The “Contacts” Tab displays all the contacts of your friends. Contacts are sorted in alphabet order. Tap on alphabets on the right to jump to contacts of that alphabets.



6. Select the “More Tab” to know more about the app and Atutor.



7. Click on “Logout” to sign out of the Atutor account.

(Coming Soon Groups and Gadgets)

