

ProtoSearch :: User Manual

Team Prototypr

Team Members

Chatura Atapattu (cpa2116)

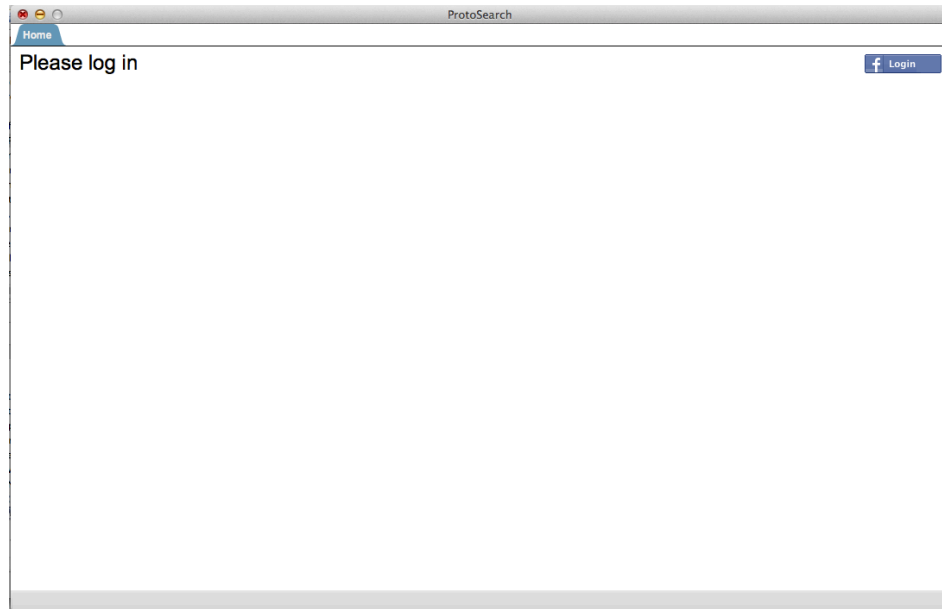
Muzi Gao (mg3194)

Xiaolong Jiang (xj2132)

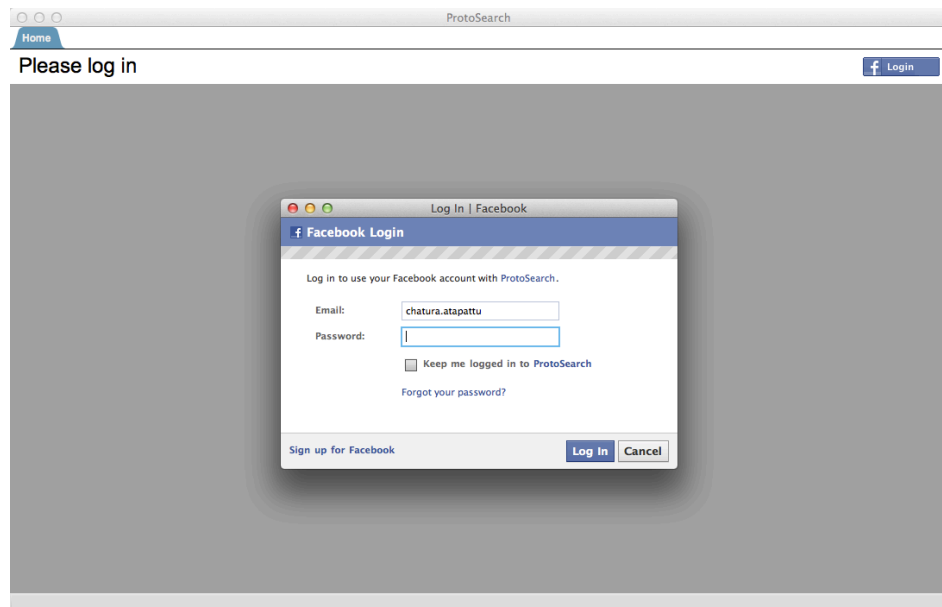
Aditya Pipersenia (ap2904)

Running the application

- Import the project into Adobe flash builder
- Click on run application button.
- An AIR Application starts up.
- To use the application, click on the login label on the top right hand side corner of the window.



- A prompt pops up asking user for their Facebook Login details.
- After entering your Username and Password, click on Login.



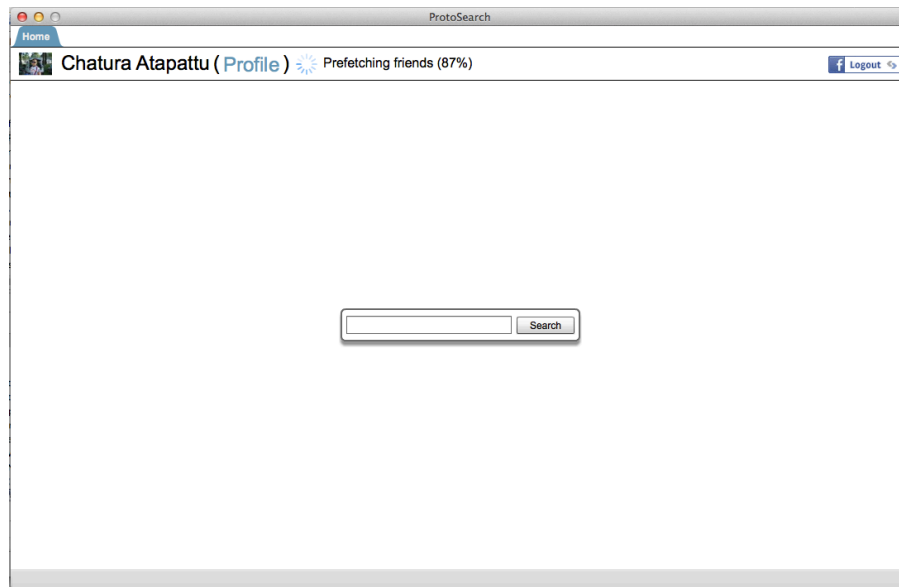
- This takes you to the start page of the application.

Using the application

After logging in, the user is taken the start page of ProtoSearch which features a single search box.

First Time users

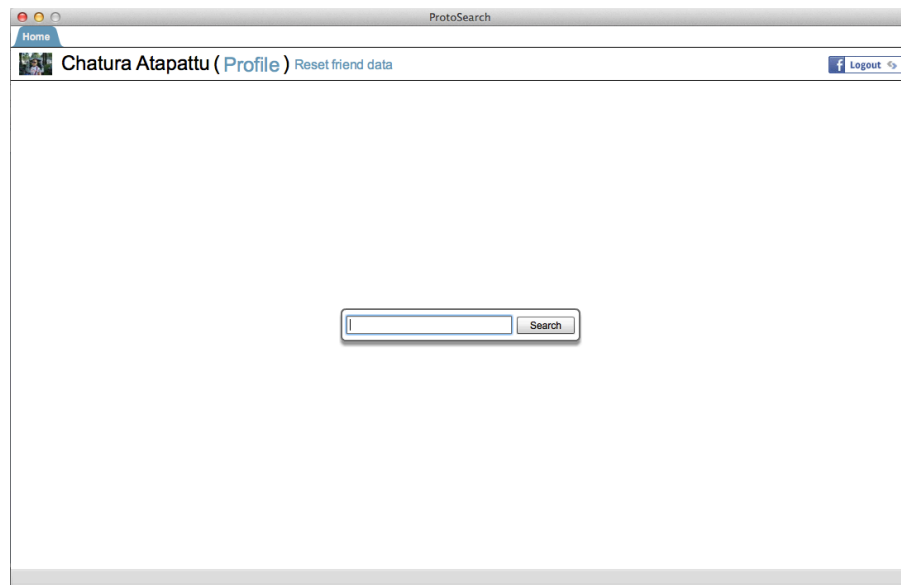
For first time users, the application takes some time to start since it fetches the data about their friends from Facebook.



When the data fetch is complete - the user is notified as the status of pre-fetching data changes to 'Reset friend data'.

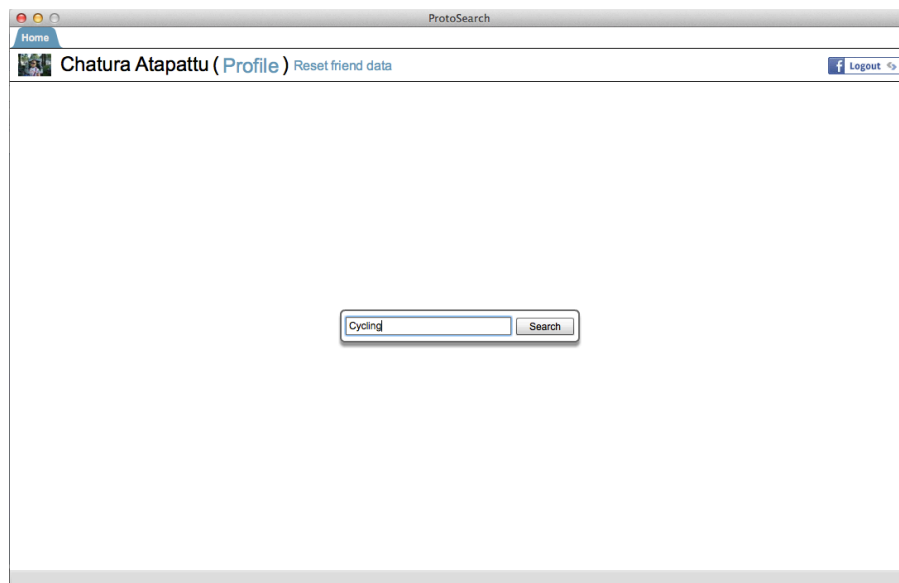
Regular Users

- The data is already pre-fetched and stored locally who have used the application before. The user has the option to fetch the data again by clicking on 'Reset friend data'

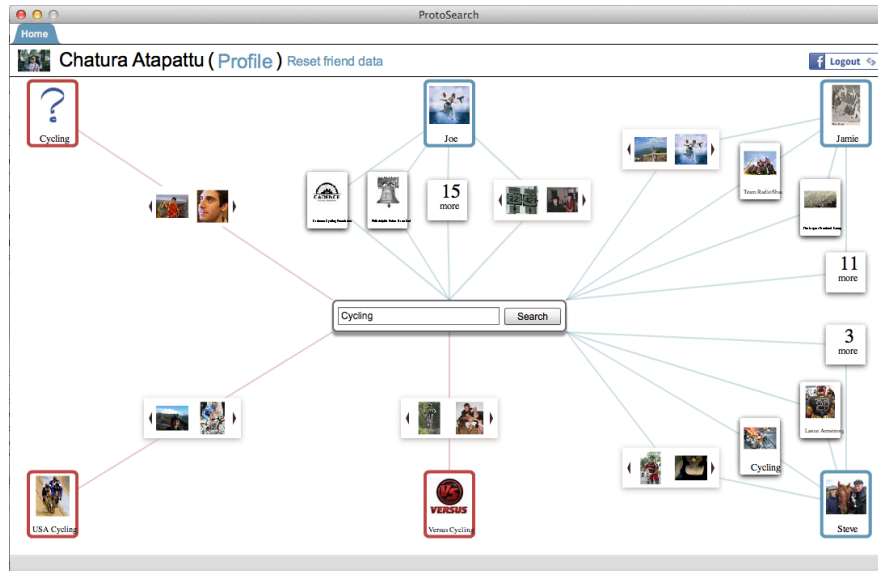


Searching

- Input the term that you want to search for in the search box and click on 'Search'.



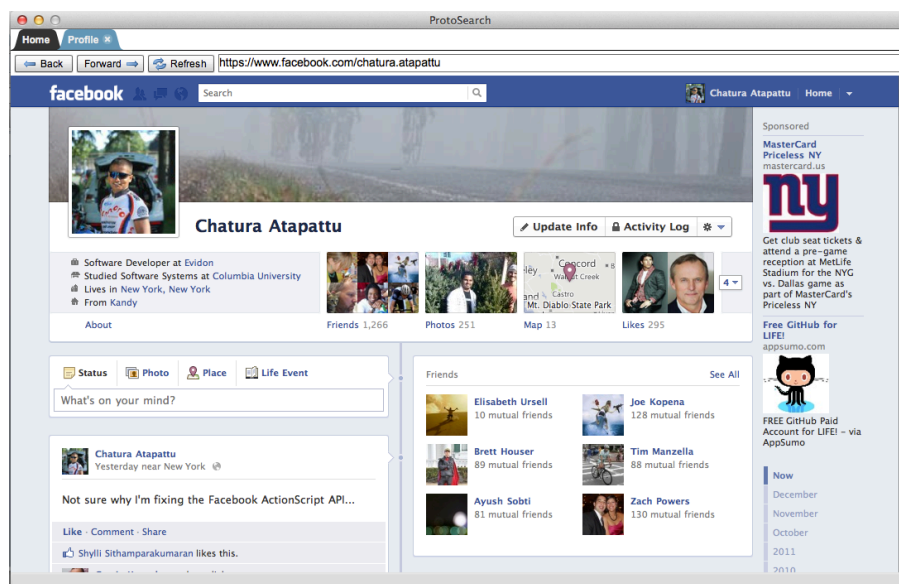
The top 6 results obtained from the search are rendered in the form of nodes in a graph.



- The user may click any of the nodes to navigate to the profile page of the item.
- The mutual friends associated with a particular search result are rendered in the form of a slider. On hovering over any of the items, a tool tip with the name of the friends pops up. The user can scroll the items in the slider using the arrows buttons.
- Every time, a user clicks on a result item the profile page opens in a new tab at the top.
- The results are color coded (blue = person, red = page, pink = group)

Navigation inside a page

- The profile page features a navigation bar at the top with buttons for moving 'forward, 'back' or refreshing the page to mimic the functionality supported by browsers.



Known Issues

Based on application testing, we have found the following bugs and issues that we have not had time to handle:

- Logging out while prefetching friend data causes an error
- Due to Facebook Graph API request time outs and corrupt data, the application sometimes throws an error or waits for data that will never be delivered. In such a situation, simply closing the application and starting it again will fix the issue (and fetch all missing data).