**Software Developer – Exercise**

Please add your code to your own [Github](http://github.com/) account and then send back the link

**Exercise**

Implement a console-based social networking application (similar to [Twitter](http://twitter.com/)) satisfying the scenarios below.

**Scenarios**

**Posting:** **A**lice can publish messages to a personal timeline

> Alice -> I love the weather today

> Bob -> Oh, we lost!

> Bob -> at least it's sunny

**Reading:** **B**ob can view **A**lice’s timeline

> Alice

I love the weather today (5 minutes ago)

> Bob

Oh, we lost! (1 minute ago)

at least it's sunny (2 minutes ago)

**Following:** **C**harlie can subscribe to **A**lice’s and **B**ob’s timelines, and view an aggregated list of all subscriptions

> Charlie -> I'm in New York today! Anyone wants to have a coffee?

> Charlie follows Alice

> Charlie wall

Charlie - I'm in New York today! Anyone wants to have a coffee? (2 seconds ago)

Alice - I love the weather today (5 minutes ago)

> Charlie follows Bob

> Charlie wall

Charlie - I'm in New York today! Anyone wants to have a coffee? (15 seconds ago)

Bob - Oh, we lost! (1 minute ago)

Bob - at least it's sunny (2 minutes ago)

Alice - I love the weather today (5 minutes ago)

**General requirements**

- Application must use the console for input and output;

- User submits commands to the application:

**posting**: <user name> -> <message>

**reading**: <user name>

**following**: <user name> follows <another user>

**wall**: <user name> wall

- Don't worry about handling any exceptions or invalid commands. Assume that the user will always type the correct commands. Just focus on the sunny day scenarios.

- Use whatever language and frameworks you want. (provide instructions how to run the application)

**IMPORTANT:**  Implement the requirements focusing on writing the best code you can produce.