

Project Message Boards

Implement a console-based project based message boards application satisfying the scenarios below.

Code submission

Please submit your code to one of the following:

- A zipped archive uploaded to Google drive, OneDrive or similar
- A GitHub/GitLab/Bitbucket repository

Email the link to jason.pereira@inlogik.com once finished

General requirements

- Application must be a **C#** console application only (no web/database)
- User submits commands to the application:
 - posting: <user name> -> @<project name> <message>
 - reading: <project name>
 - following: <user name> follows <project name>
 - 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.
- **NOTE:** "posting:", "reading:", "following:" and "wall:" are not part of the command. All commands start with the user name, except for reading which starts with the project name. ">" denotes the start of user input command in the scenarios listed above and is not part of the input.
- **IMPORTANT:** Implement the requirements focusing on **writing the best code** you can produce implementing CQRS and SOLID principles

Scenarios

Posting: Alice and Bob can publish messages to project Moonshot and Apollo's timeline

```
> Alice -> @Moonshot I'm working on the log on screen
> Bob -> @Moonshot Awesome, I'll start on the forgotten password screen
> Bob -> @Apollo Has anyone thought about the next release demo?
> Bob -> @Moonshot I'll give you the link to put on the log on screen shortly Alice
```

Reading: Bob can view a projects Moonshot's timeline

```
> Moonshot
Alice
I'm working on the login screen (5 minutes ago)
Bob
Awesome, I'll start on the forgotten password screen (4 minutes ago)
I'll give you the link to put on the log on screen shortly Alice (1 minute ago)
```

Following: Charlie can subscribe to Moonshot's and Apollo's timelines, and view an aggregated list of all subscriptions

```
> Charlie follows Apollo
> Charlie wall
Apollo - Bob: Has anyone thought about the next release demo? (6 minutes ago)
> Charlie follows Moonshot
> Charlie wall
Moonshot - Alice: I'm working on the log on screen (9 minutes ago)
Moonshot - Bob: Awesome, I'll start on the forgotten password screen (8 minutes ago)
Apollo - Bob: Has anyone thought about the next release demo? (7 minutes ago)
Moonshot - Bob: I'll give you the link to put on the log on screen shortly Alice (5 minutes ago)
```