**OBJECTS ATTRIBUTES AND CONNECTIONS**

* User :
  + Attribute :
    - (long) : Id
    - (String) : name, lastname, username (min:3), password(min:3),
    - (int) totalFollowers, totalFollowed
  + Connections :
    - User –[:Follow]-> User
    - User –[:Read]-> Book
    - User –[:Vote]-> Book
    - User –[:Share]-> Post
    - User –[:Like]->Post
    - User –[:Share]-> Comment
    - User –[:Like]-> Comment
* Book
  + Attribute :
    - (long) : Id
    - (String) : Name
    - (int) : TotalReadTime, (finished books by each person means 1 read time)
    - (double) : Point
  + Connections :
    - Book<–[:Read]- User
    - Book<–[:Vote]- User
    - Book <-[:Write]- Author
* Author
  + Attribute :
    - (long) : Id
    - (String) : Name, lastname
    - (int) : totalBook
    - (double) : point
  + Connections :
    - Author –[:Write]-> Book
* Post
  + Attribute :
    - (String) : Text
    - (int) : Liked Number
  + Connection :
    - Post <-[: Share]-User
    - Post <-[:Like]-User
    - Post <-[:Belong]- Comment
* Comment
  + Attribute :
    - (String) : Text
    - (int) : Liked Number
  + Connections :
    - Comment -[:Belong]-> Post

**PAGES :**  
User Login/Signup page  
My Read Book Page (User Read Book page)  
Main page (All followed people’s post)  
Recommended Page :

* Books (BestSeller books, HighPoint, Read By Friends)
* Users (BestSeller books, HighPoint, Read By Friends)
* Author(HighPoint)

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**ACTIONS :**

**Follow :** Action for one user to follow other. 1 follow action do not connect both user together.

**Read :** Action for User about reading book. Also this will use to **recommend** followers like this person  
read and liked these books.

**Vote :** Action for calculate **recommended** best books.

**Share** : Action for user to share a text.

**Like** : Action for people to **recommend** high reaction people to follow them.

**Write** : Action for create a connection for which books are written by authors.

**Belong** : Action for Comment to belongs which post or which comment.  
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* USER :

User –[:Follow]-> User

User –[:Read]-> Book

User –[:Vote]-> Book

User –[:Share]-> Post

User –[:Like]->Post

User –[:Share]-> Comment

User –[:Like]-> Comment

* AUTHOR:

Author–[:Wrote]-> Book

* POST:

Post –[:Has]-> Comment // Aslinda bunu yerine asagidakini eklicem.

Post <-[:Belong]- Comment

* COMMENT:

Comment–[:Has]-> Comment

WORK PLAN :

Home Activity will have :

* main page btn,
* book page btn,
* author page btn
* and sign out button.

1. Signup 🡪@PostMaping
2. Login 🡪@PostMaping
3. Main Page : ***HERE WILL BE DONE LATEST PART. OTHER PARTS ARE MORE IMPORTANT FOR NEO4J DB.***
   1. Top : Text and submit button,
   2. Middle : Post and it’s comments
4. Book page :
   1. There must be shown 5 high recommended books as **BestSeller or high point :4.5**
   2. There must be shown 5 **Trend book as High Recommended books**
   3. Extra : (Load more book), ( Load more author): high point to lower point
   4. Extra : ( Load more user): most common friends to lower common friends.
5. User page :
   1. 5 Common friends like: **27 common friends**
   2. High recommended 5 person
   3. 🡪 Click user view : User Info : name,lastname, followers,
6. Author Page :
   1. High recommended 5 author. (author’s point will calculate with its’ (all voted books’ number )/( All votes)

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