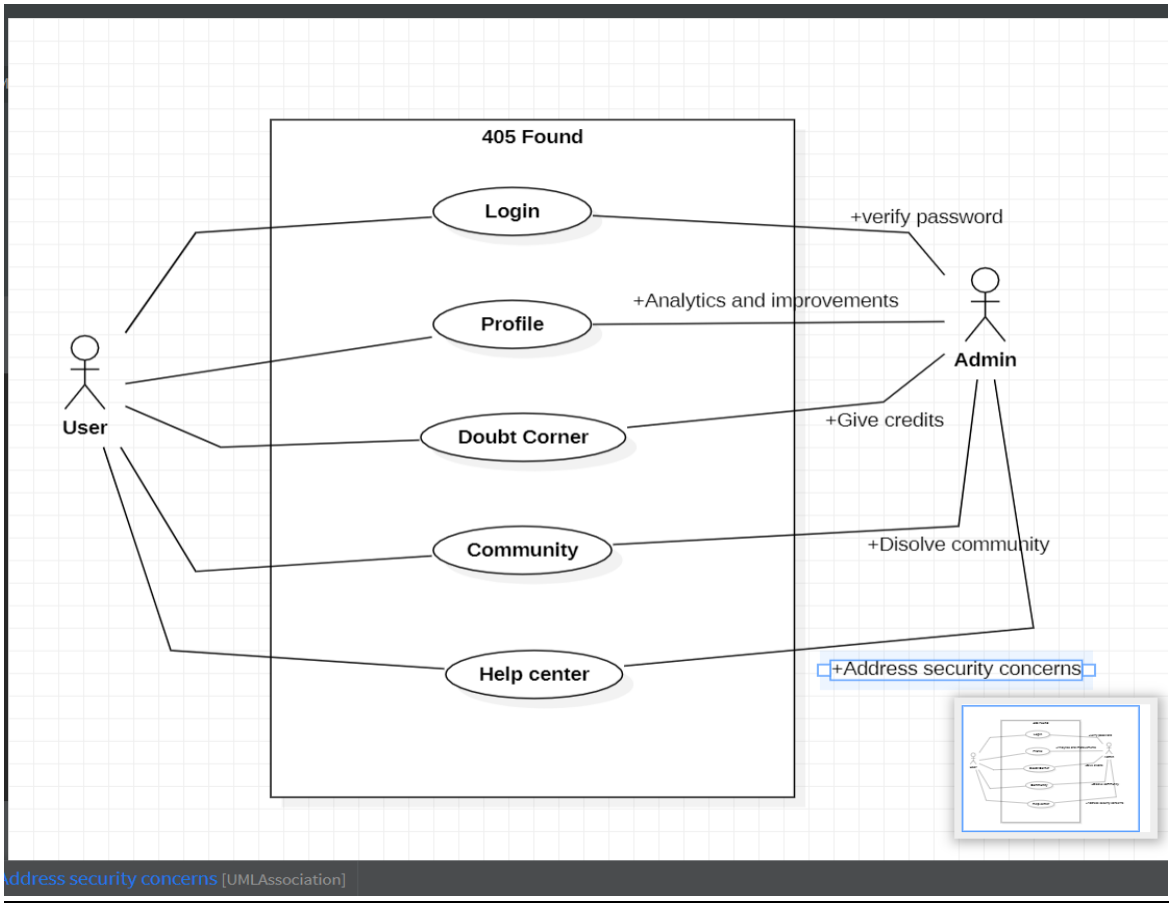
REQUIREMENT ELICITATION

1. USE CASE DIAGRAM

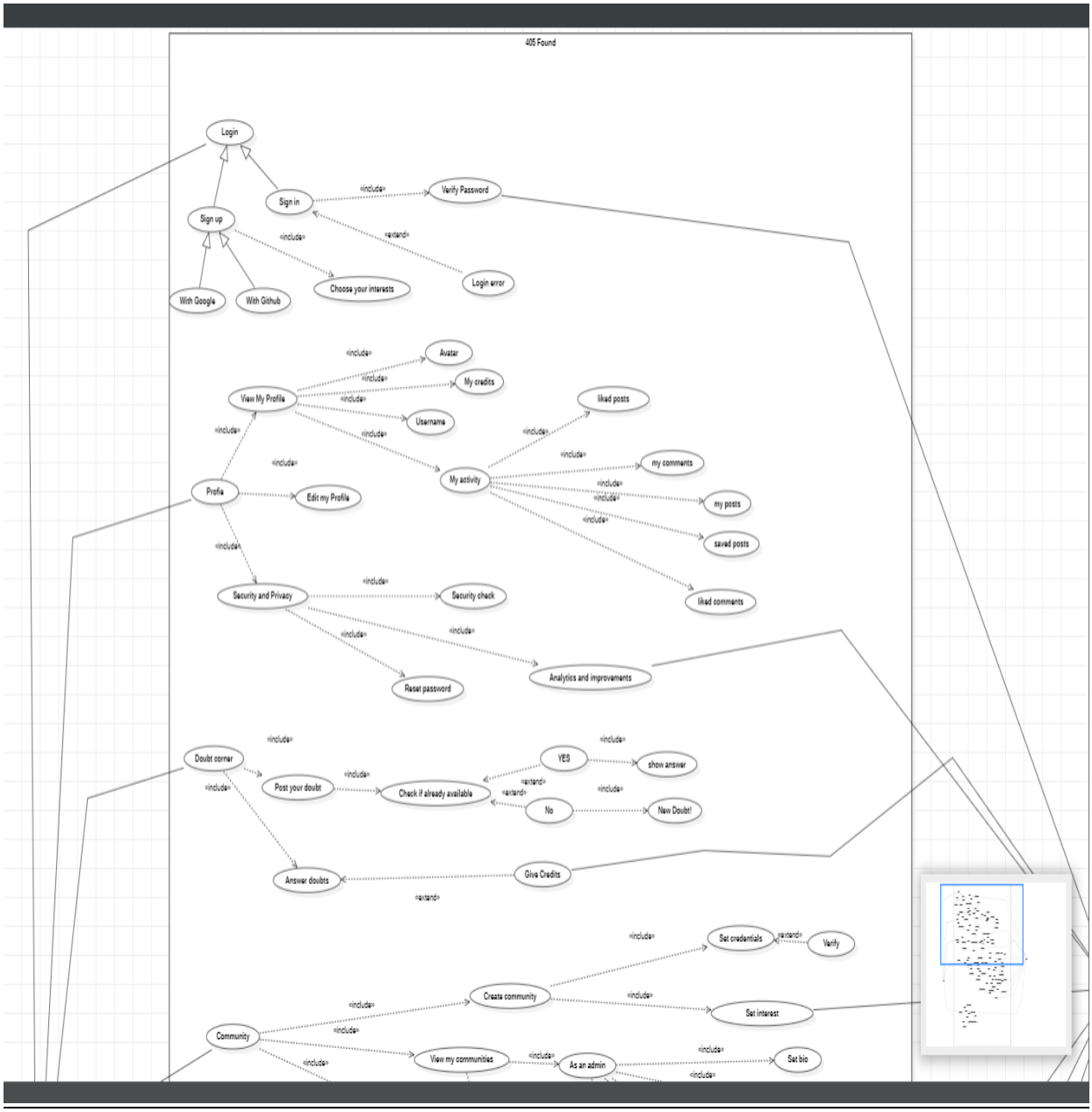
Level-0

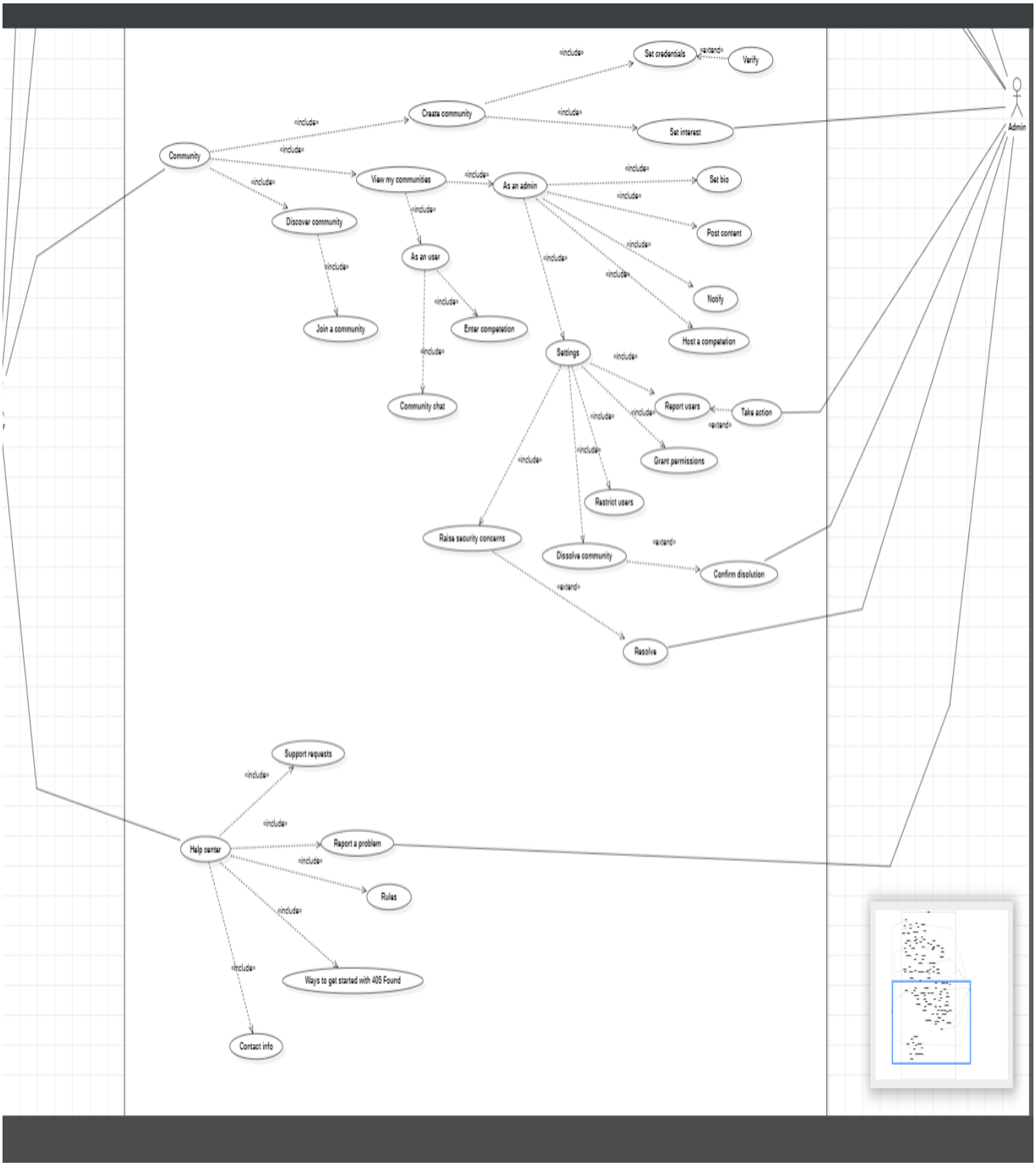


In the level-0 phase of use case modelling, we have identified 5 use cases.

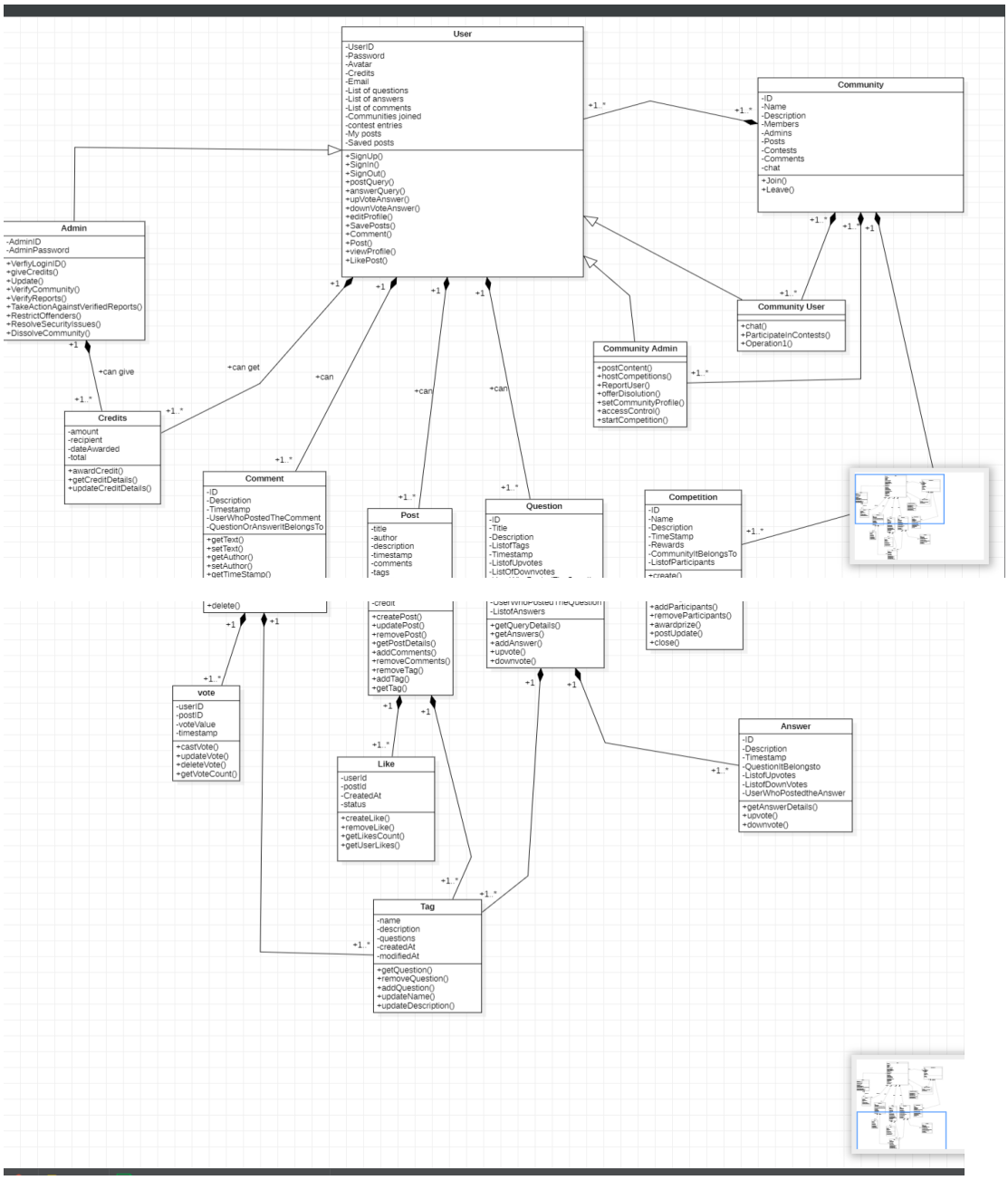
1. Login : This is for the user to sign in with their credentials. The admin will verify the password to secure the application.
2. Profile: This is for the user to personify their information in their own unique way.
3. Doubt corner: This is the section of the application where the user can ask their questions and get it clarified. The admin will grant credits based on the credibility of the answers.
4. Community: This is the section where users can join and create communities!
5. Help center : Here the user can get help if they encounter any issues and our team/ admin will fix them.

Level-2


405 Found
Login
Sign in
«include»
Verify Password
Sign up
«include»
«extend»
Choose your interests
Login error
With Google
With Github
«include»
Avatar
«include»
My credits
View My Profile
«include»
Username
«include»
«include»
liked posts
«include»
my comments
My activity
«include»
my posts
«include»
saved posts
«include»
liked comments
«include»
Profile
«include»
Edit my Profile
«include»
Security and Privacy
«include»
Security check
«include»
«include»
Reset password
Analytics and improvements
«include»
Doubt corner
«include»
«include»
Post your doubt
«include»
Check if already available
«include»
YES
«include»
show answer
«extend»
«extend»
No
«include»
New Doubt!
Answer doubts
Give Credits
«extend»
«include»
Set credentials
«extend»
Verify
«include»
Create community
«include»
Set interest
«include»
Community
«include»
View my communities
«include»
As an admin
«include»
Set bio
«include»


Admin
Community
Create community
Set credentials
Verify
Set interest
View my communities
As an admin
Set bio
Post content
Notify
Host a competition
Discover community
Join a community
As an user
Enter competition
Community chat
Settings
Report users
Take action
Grant permissions
Restrict users
Raise security concerns
Dissolve community
Confirm disolution
Resolve
Help center
Support requests
Report a problem
Rules
Ways to get started with 405 Found
Contact info
«include»
«extend»

2.Class Diagram

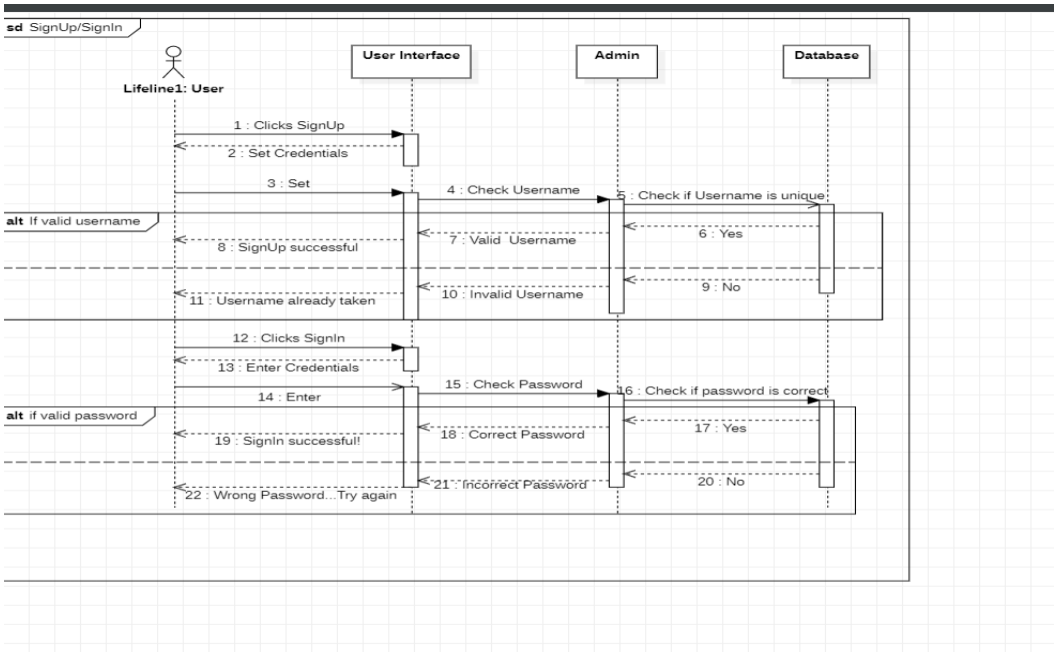


Here we have identified 14 classes that are essential for our application and listed their attributes and methods.

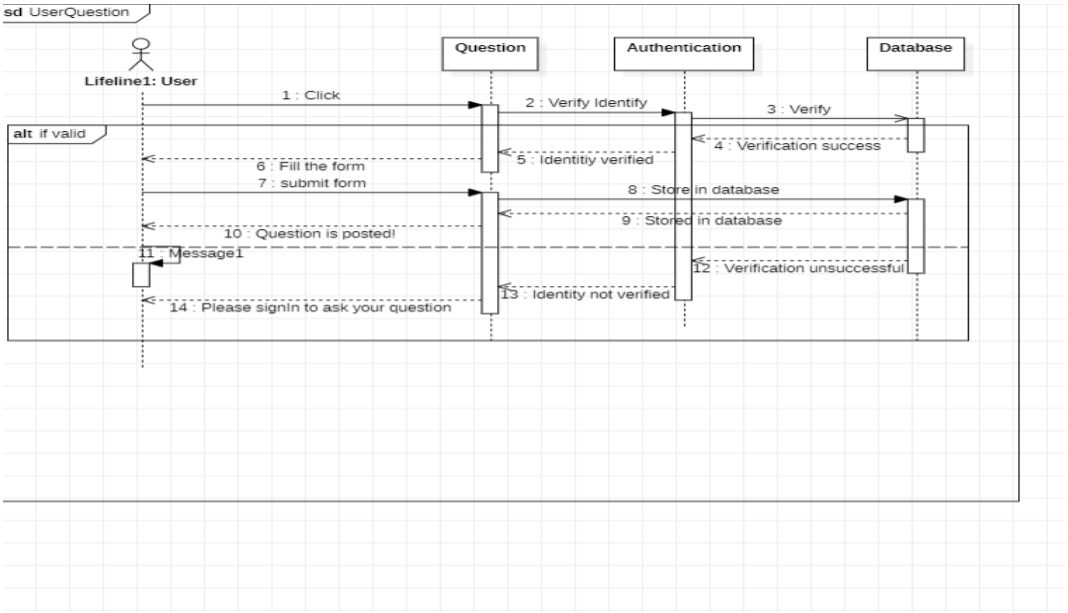
3.Sequence diagrams

We have come across 11 different scenarios and have drawn sequence diagrams for each one of those scenarios.

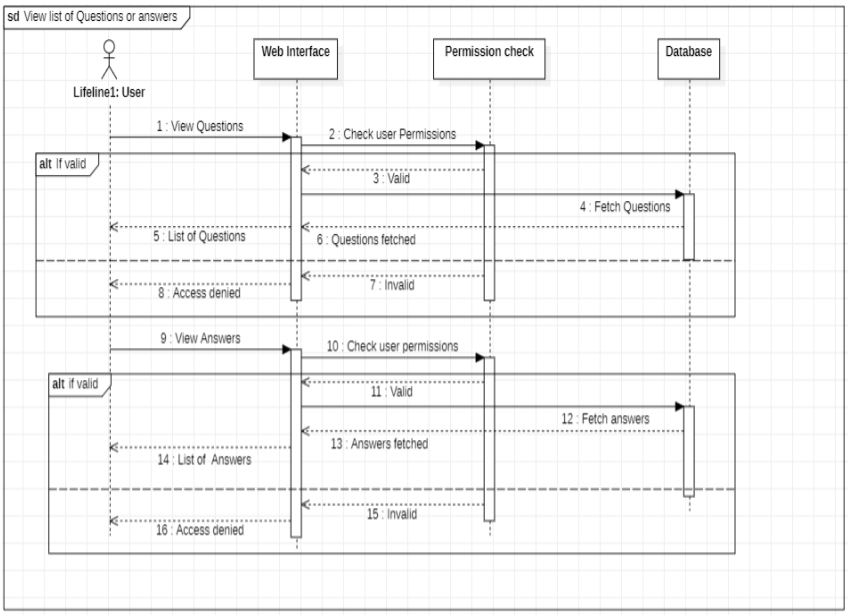
1.SignIn/SignUp



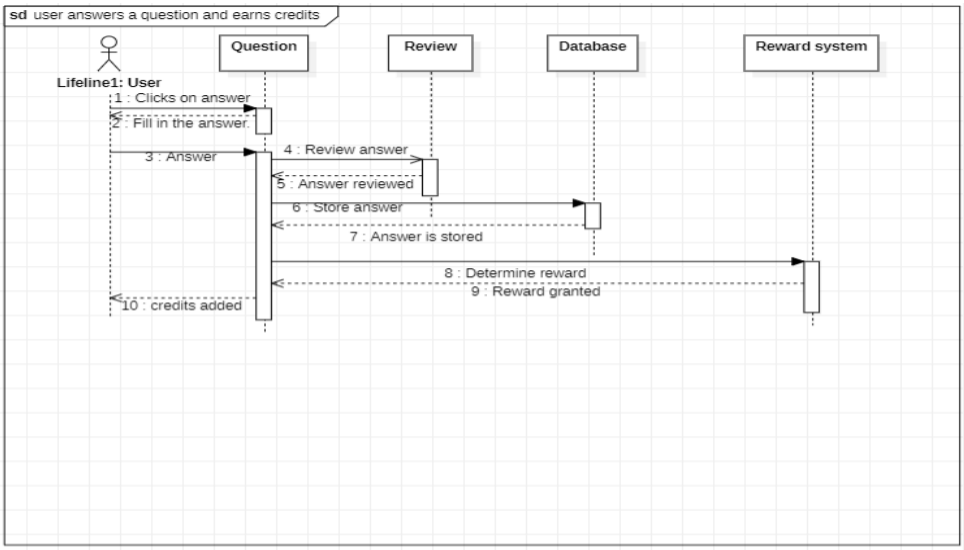
2. User asks a question



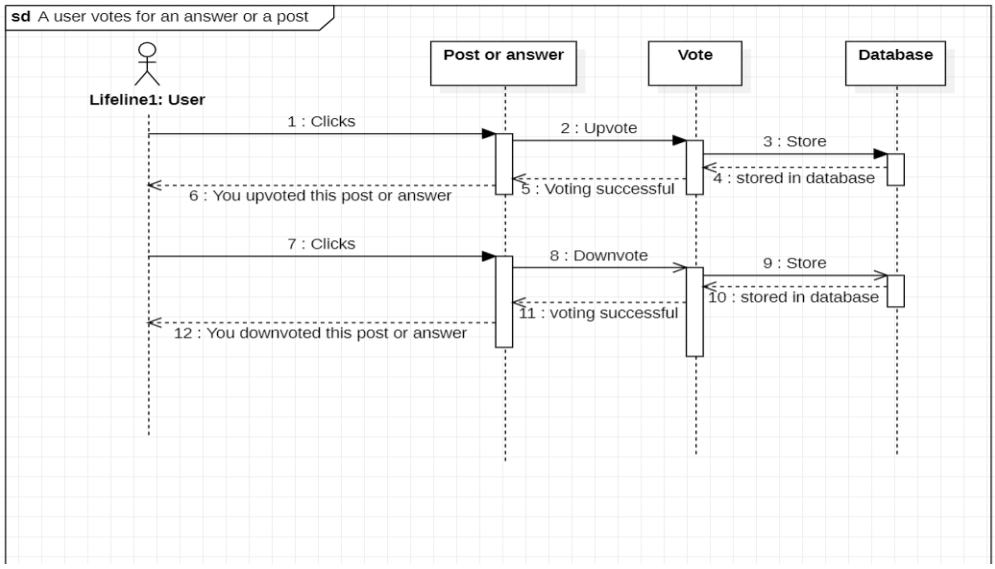
3.Use wants to view the list of questions or answers



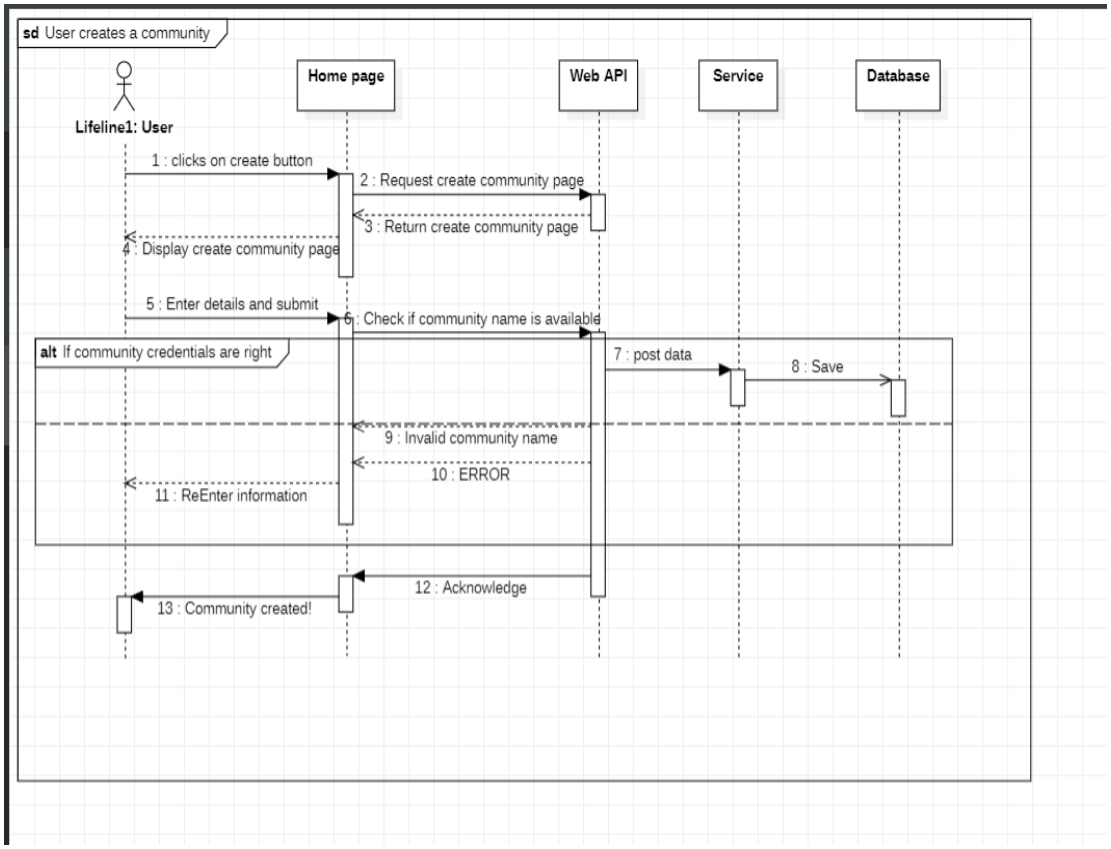
4.User answers a question and earns credits/rewards



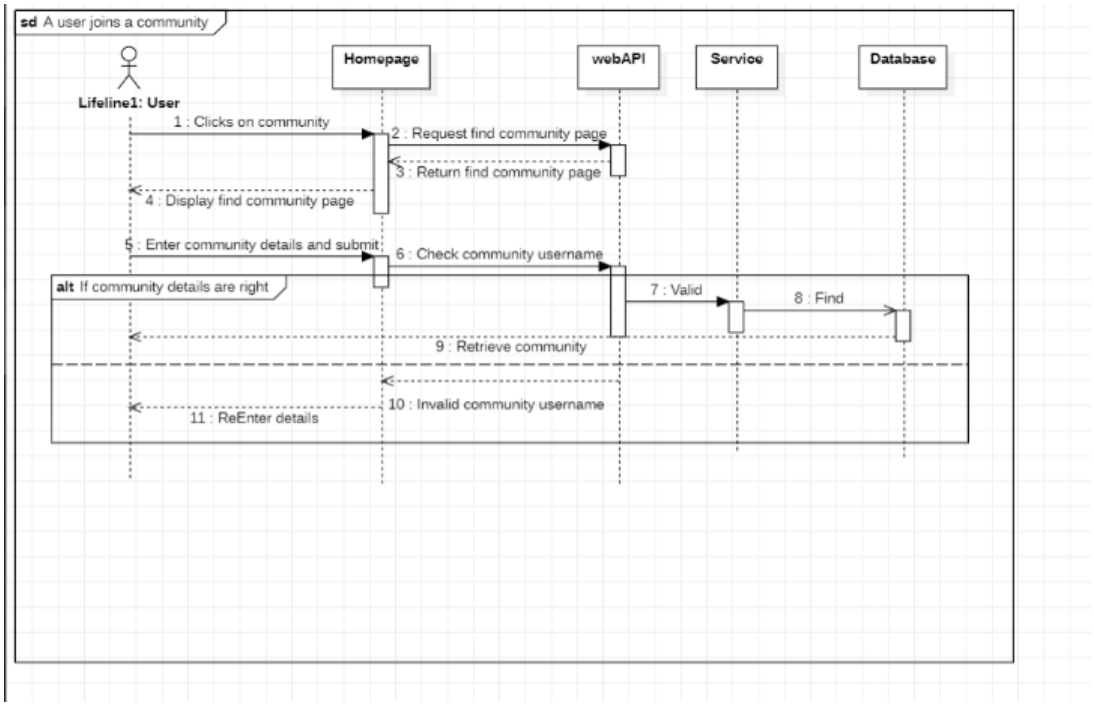
5.A user votes for an answer/post.



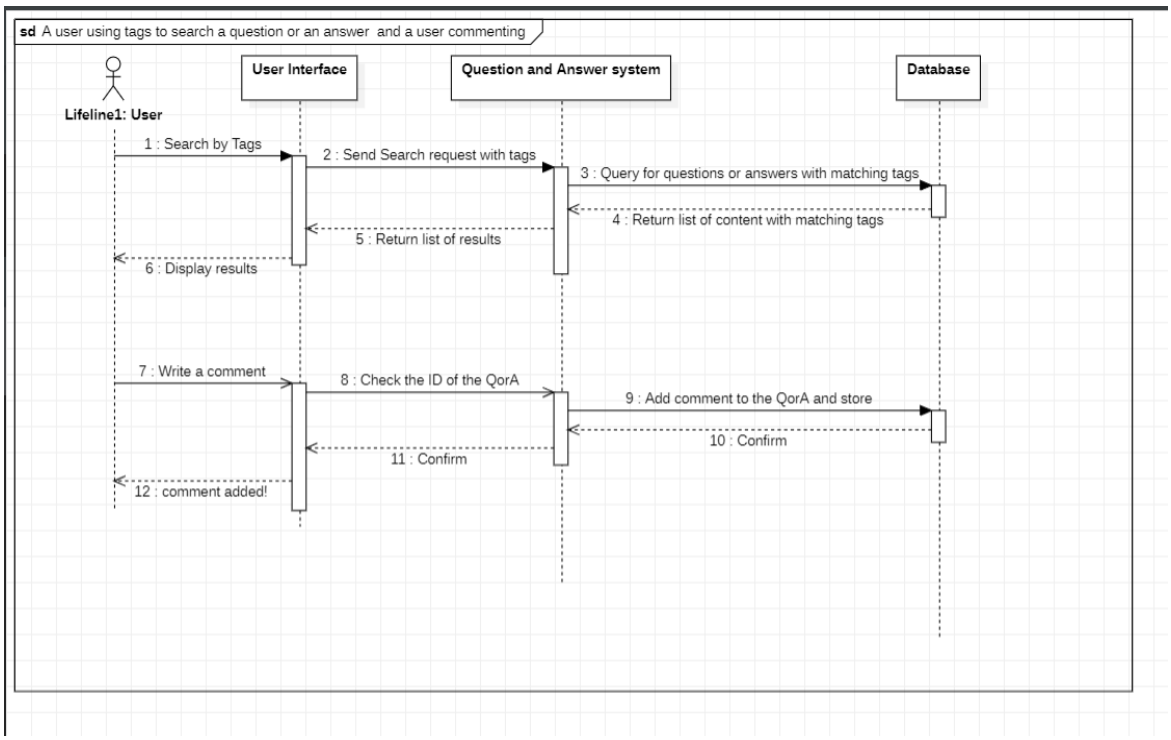
6.User creates a community.



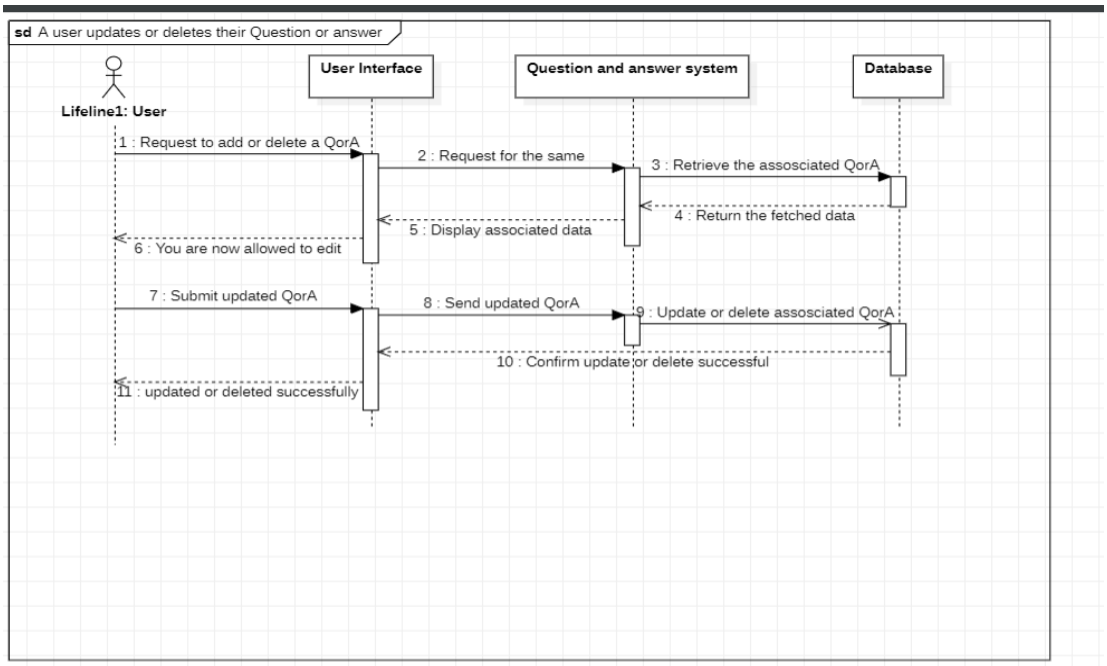
7.User joins a community.



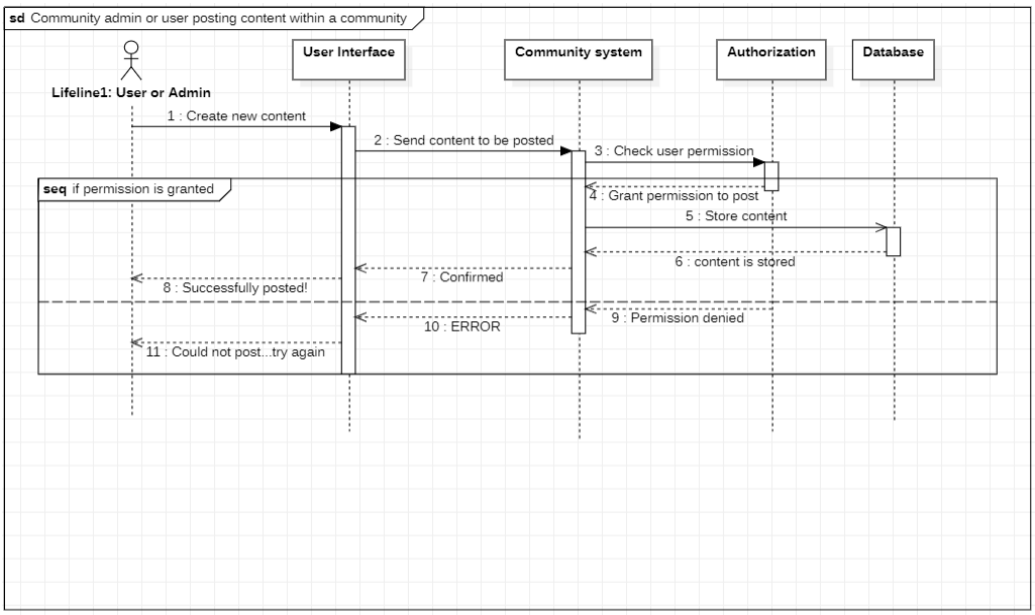
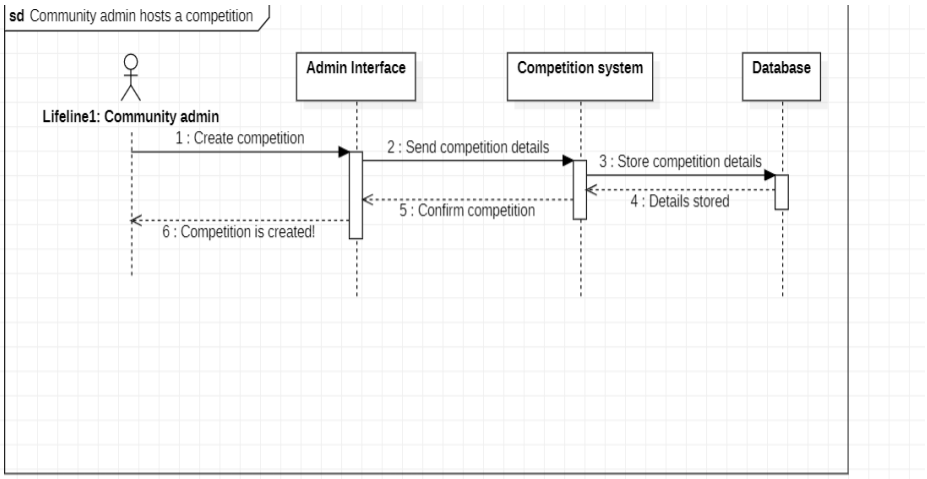
8. A user uses tags to search for a question or an answer.



9.A user updates/deletes their question/answer.



10.Community admin/user posting content within a community



11.Community admin hosts a competition