UCAN Uses Cases:

User can:

1. Signup – create account
2. Login to account with email and password
3. Edit account details
4. Delete account
5. add the topic interested to know about
6. add topic of expertise
7. remove a topics from interest
8. remove a topic of expertise
9. see list of questions on home page related to intrested topics
10. see list of questions on home page related to expertise topics
11. upvote or downvote a question
12. answer a question
13. upvote or downvote a answer
14. comment on answer
15. upvote or downvote a comment
16. browse the topic page to know about topic (follower count, question count)
17. browse other user's profile
18. get notification if question asked is answered
19. check the statisctics : a. question asked

b.answer

c.comments given

1. get recommendation for topics to follow, questions to answer.
2. Search for question related to certain query.

User as seeker:

1. ask a question as public post or discuss personally
2. tag the questions on topics

if choose to discuss personally:

1. set the preffered time to get answer for question
2. choose among recommended expert and time to chat with
3. get notification for scheduled session
4. discuss the problem with expert on scheduled session can use video chat or text chat based.
5. give feedback : rate expert

User as expert:

1. get notification of new questions in expertise topic
2. choose to answer a question – set preffered time to answer
3. get notification if seeker agrees to discuss the answer.
4. Give feedback for seeker and question

Questions: how to handle different timezone?

Recommendation of similar topics?

Searching the question using keywords?

Entities depending on the usecase:

Common attribute : id, date, time

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| USER | TOPIC | QUESTION | ANSWER | COMMENT | Session |
| Email | Profile picture | Question text | Answer text | Comment text | User1 |
| password | title | Seeker (one who has asked) | Question to which it belongs | Answer to which it belongs | User2 |
| username | description | Upvote count | User who has given answer | User who has given comment | Scheduled Time |
| name | Follower count | Downvote count | Upvote count | Upvote count | Upvote/ downvote expert |
| Profile picture | Question count | List<> topics | Downvote count | Downvote count | Upvote/ downvote the seeker |
| Preferred time |  | Personally discuss(flag) | SessionId |  |  |
| Preferred language |  | Preferred time |  |  |  |
| Contact no |  | Map<expert, time> |  |  |  |
| Credential  (student / professional) |  |  |  |  |  |
| deactivated |  |  |  |  |  |
| List<> topicIntrested |  |  |  |  |  |
| Map<> topicExpert, ExpertRate |  |  |  |  |  |
|  |  |  |  |  |  |

API – UseCase mapping:

|  |  |  |  |
| --- | --- | --- | --- |
| UseCase no | API NO | | Implemented |
| 1 | 1.3 | UserPost | Yes |
| 2 | 1.2 | get one user | Yes |
| 3 | 1.4 | User put | Yes |
| 4 | 1.5 | User Delete | Yes |
| 5 | 1.8 or 1.9 | Post one topic or topic list | Need modification  (attribute name and add follwer count) |
| 6 | Similar to above | | No (add attribute) |
| 7 | 1.10 | Delete topic subscription | Need modification(attribute name and substract follwer count) |
| 8 | Similar to 7 | | No (add attribute) |
| 9 | 1.7 | Get topics of users | Yes (implemented sperately) |
| And 3.11 | Get questions belonging to topics |
| 10 | Similar to 9 | | No (add attribute) |
| 11 |  |  | No (add attribute) |
| 12 | 4.2 | Answer post | Yes |
| 13 |  |  | No(add attribute) |
| 14 | 5.3 | Post Comment | Yes |
| 15 |  |  | No (add attribute) |
| 16 | 2.2 | Get particular topic | Yes |
| 17 | 1.2 | Get particular user | Yes |
| 18 notification |  |  | No (logic) |
| 19.a | 3.7 | Get question asked | Yes |
| 19.b | 4.7 and 3.2 | Get answer given  and particular question | Yes (seperately implemented) |
| 19.c | 5.7  and 3.2  may (4.2) | Get review given by user | Yes (seperately implemented) |
| 20 (reecommendation) |  |  | (need logic) |
| 21 (search query) |  |  | (need logic) |
| 22 | 3.3 | Question post | Yes |
| 23 | 3.12 or 3.13 | Post tags | Yes |
| 24 | 3.4 | Put question | Yes |
| 25 recommendation |  |  | Add attribute and Needs logic |
| 26 notification |  |  |  |
| 27 session |  |  |  |
| 28 feedback |  |  | Add class |
| 29 notification | 3.10 or 3.11 | Get questions of topics | Yes (seperately)  need to think on topics get |
| 30 notification |  |  | Add attribute map and implement api |
| 31 notification |  |  | logic |
| 32 |  |  | Edit session attribute |