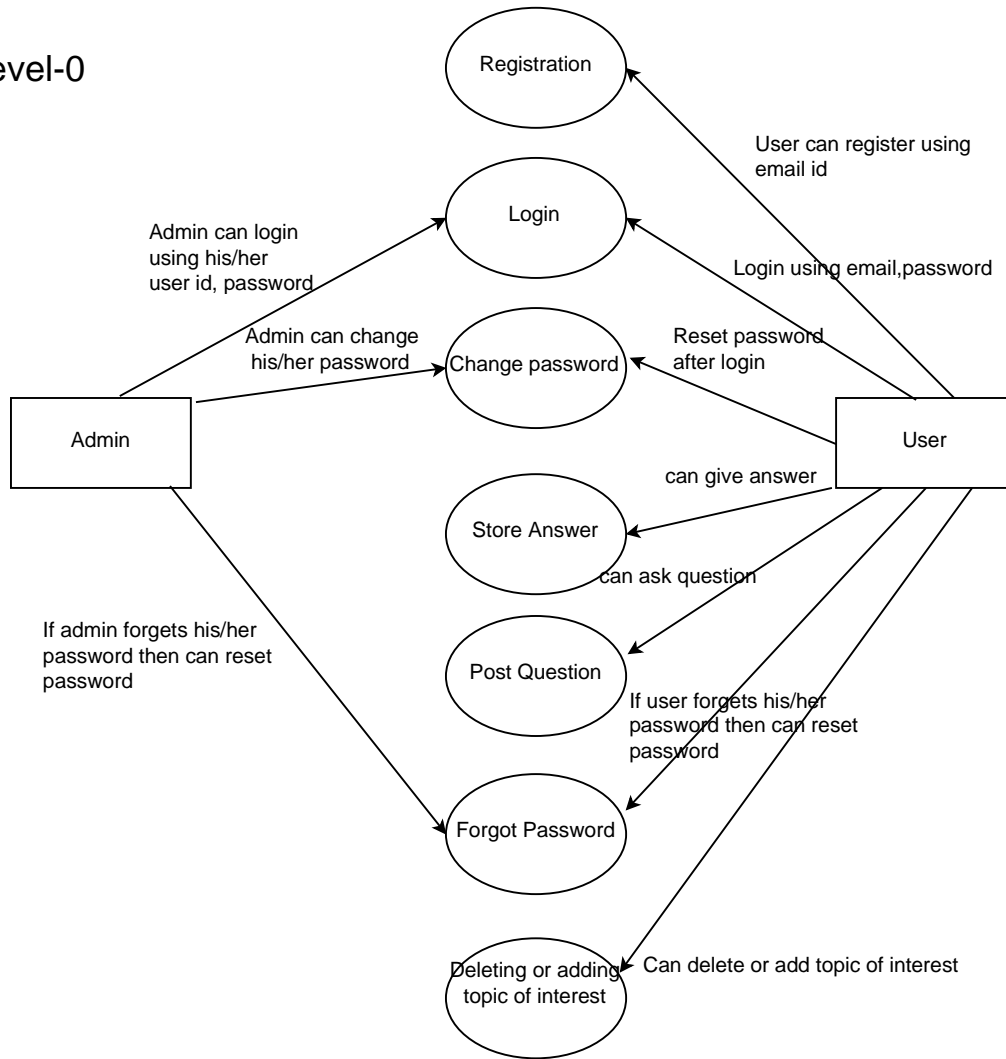# **Data Flow Diagram**
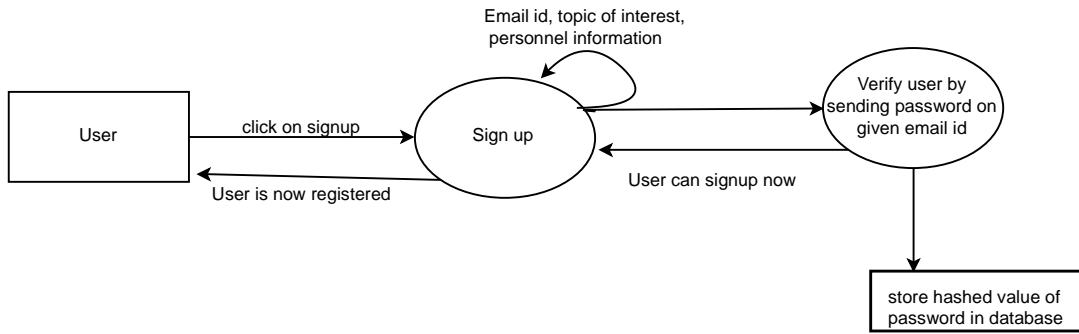
Level-0

Registration

User can register using
email id

Login

Admin can login
using his/her
user id, password

Login using email,password

Admin can change
his/her password

Change password

Reset password
after login

Admin

User

can give answer

Store Answer

can ask question

If admin forgets his/her
password then can reset
password

Post Question

If user forgets his/her
password then can reset
password
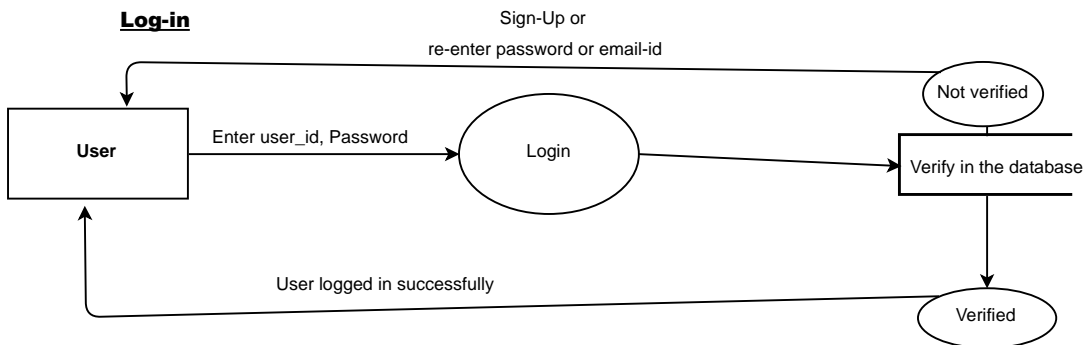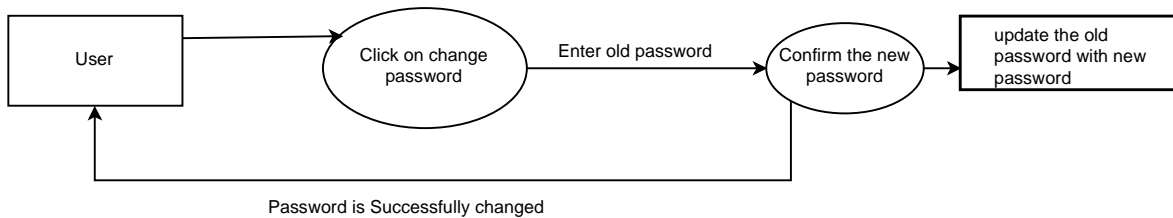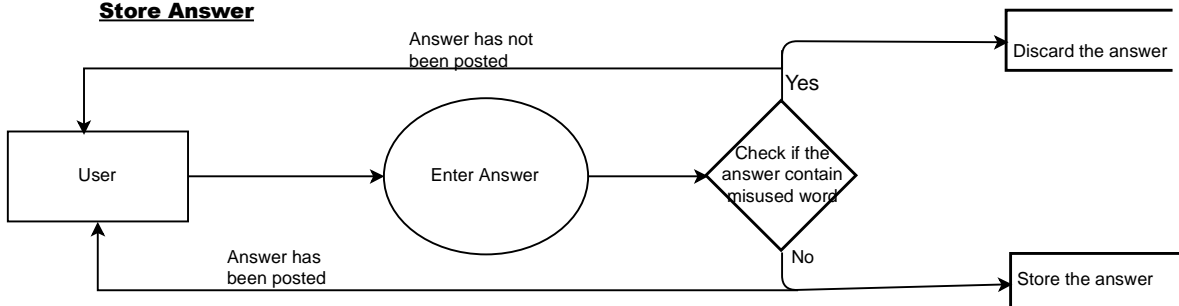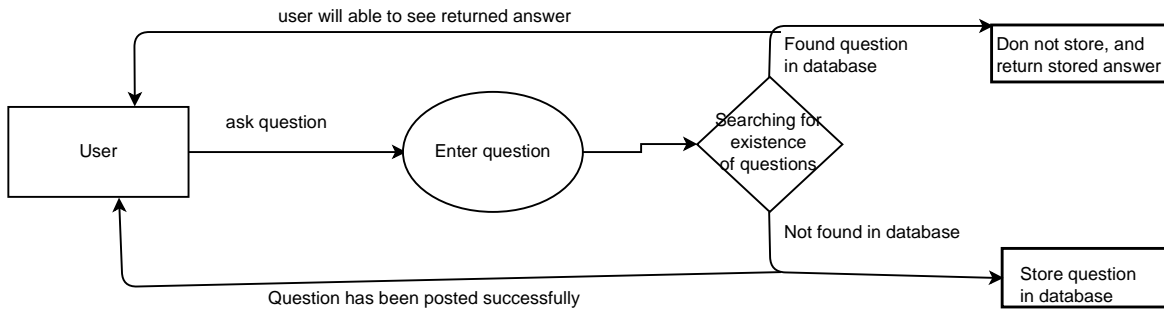
Forgot Password

Deleting or adding
topic of interest

Can delete or add topic of interest

Registration

User → click on signup → Sign up

Email id, topic of interest, personnel information

Sign up → Verify user by sending password on given email id

Verify user by sending password on given email id → User can signup now → Sign up

Sign up → User is now registered → User

Verify user by sending password on given email id → store hashed value of password in database

Log-in

Sign-Up or re-enter password or email-id

User → Enter user_id, Password → Login

Login → Verify in the database

Not verified

Verify in the database → Verified

Verified → User logged in successfully → User

Change Password

User → Click on change password → Enter old password → Confirm the new password → update the old password with new password

Password is Successfully changed

Store Answer

Answer has not been posted

User → Enter Answer → Check if the answer contain misused word

Yes → Discard the answer

No → Store the answer

Answer has been posted

Post Question

user will able to see returned answer

User → ask question → Enter question → Searching for existence of questions

Found question in database → Don not store, and return stored answer

Not found in database → Store question in database

Question has been posted successfully

Forgot Password

user → Click on forgot password → forgot password → User will enter his/her email id → check existence of user in database

yes → Reset password → Store password in database

No

User email id does not exist

Deleting or adding topic of interest

user → select topic that has to be deleted or added → Click on delete topic or add topic from the topic of interest → Check for the event (Delete/ Add topic)

Delete → Remove selected topic from database

Add → Add selected topic in the database of that user

Selected topic has been deleted or added