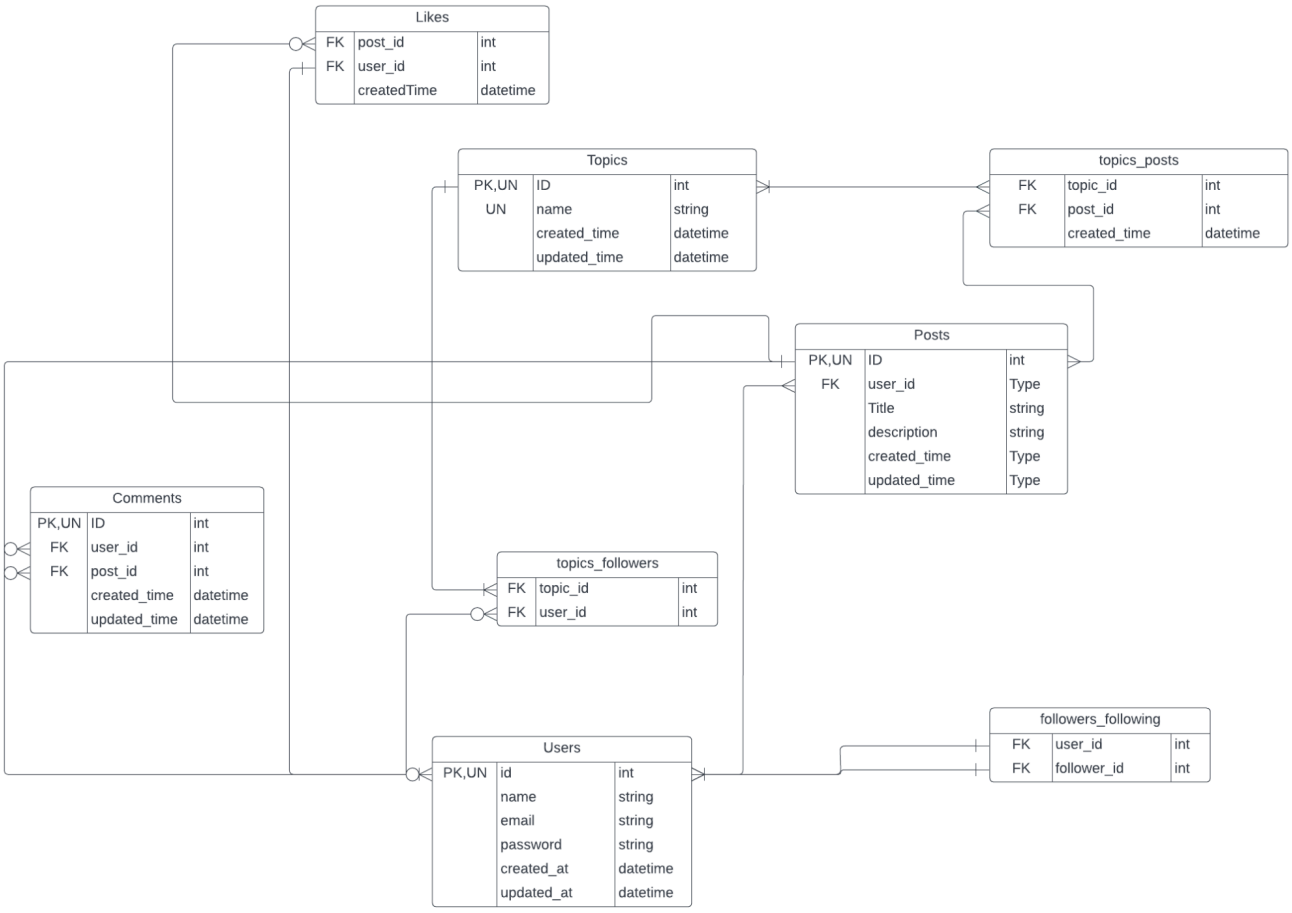
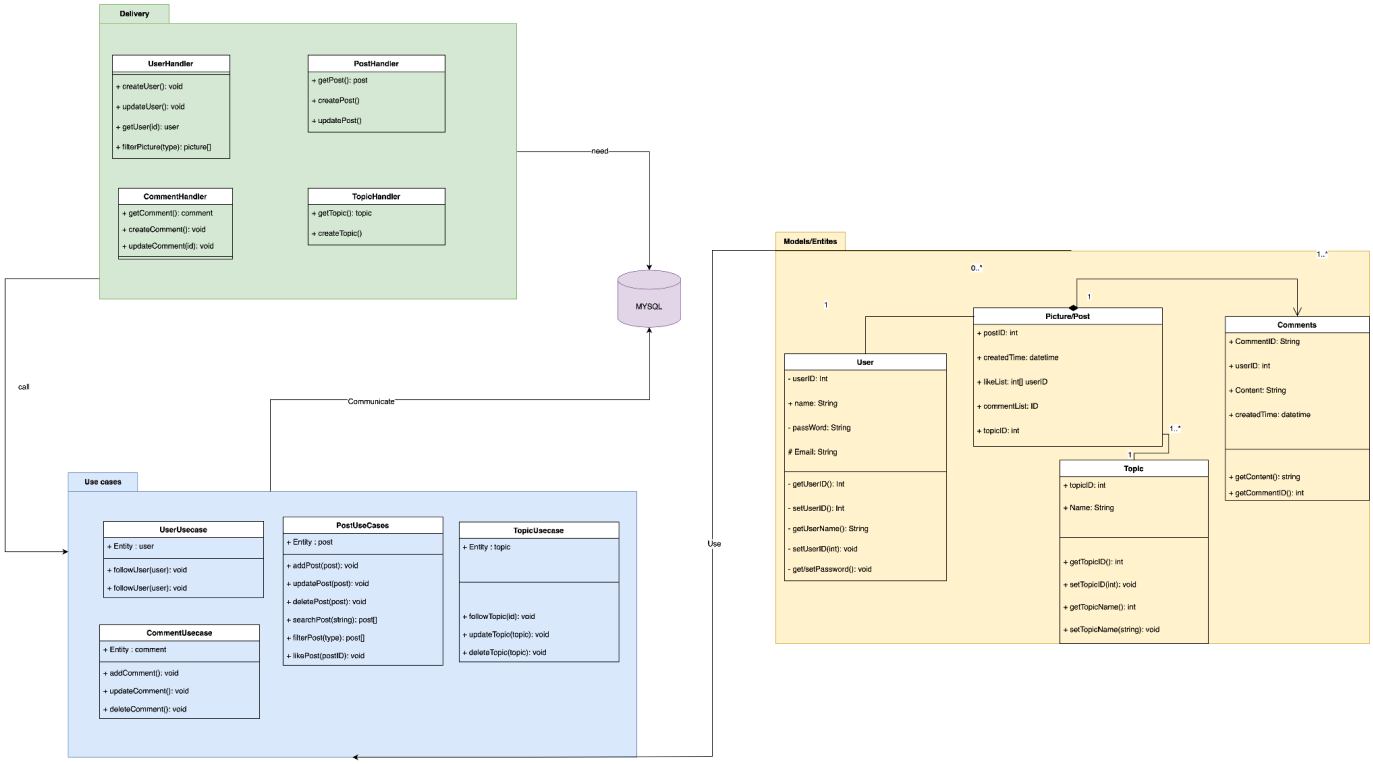
REPORT PROJECT: PHOTO GALLERY

BACKEND DESIGN

I. DATABASE DIAGRAM

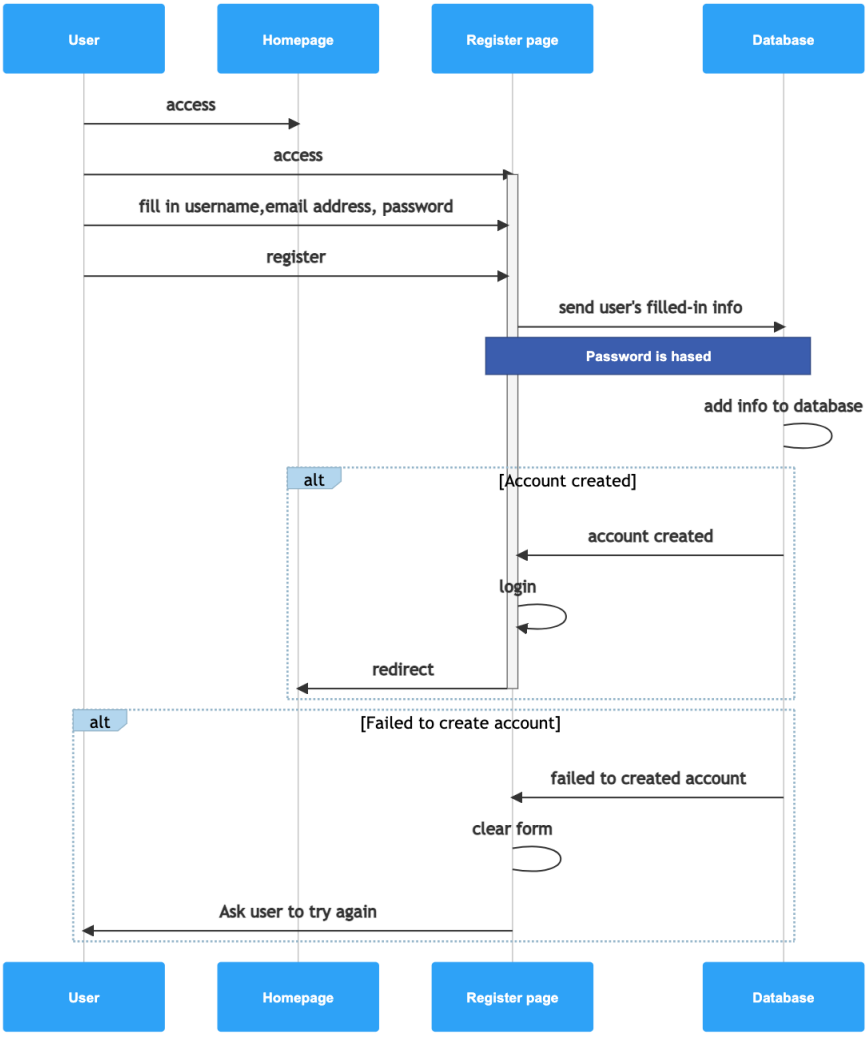


II. CLASS DIAGRAM



III. SEQUENCE DIAGRAM

1. Register sequence



2. **Login sequence**

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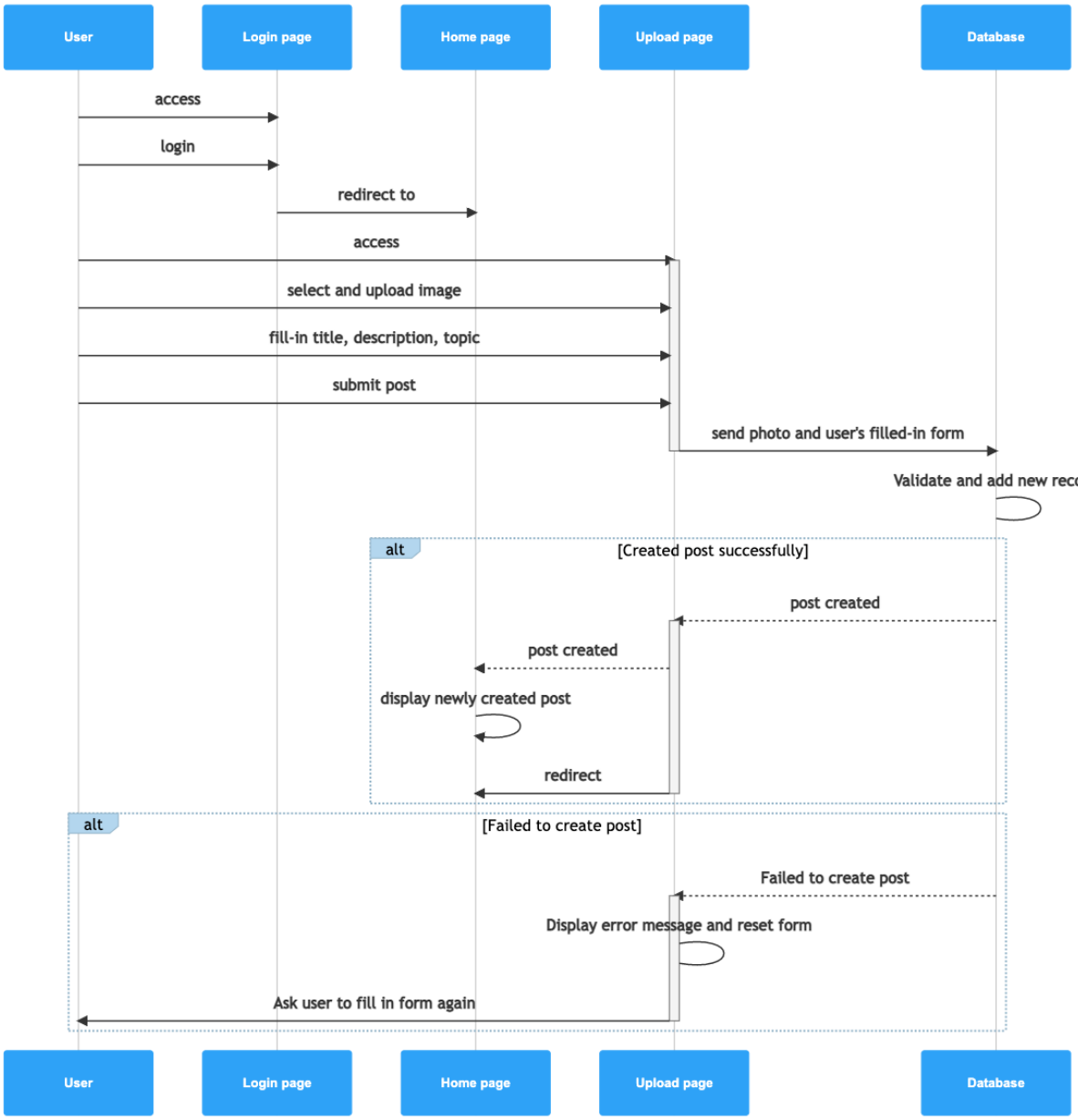
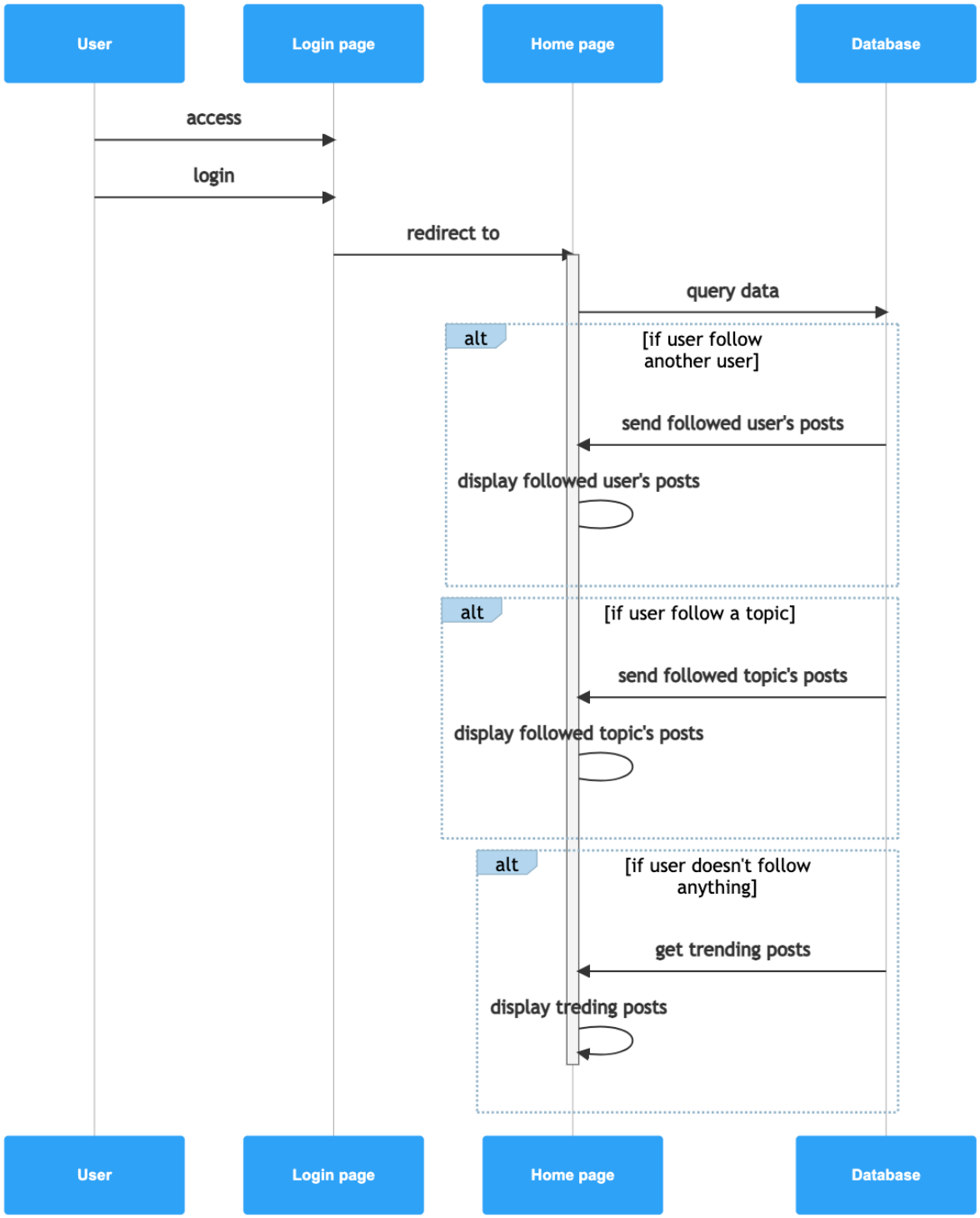
3. **Add a post**


User
Login page
Home page
Upload page
Database
access
login
redirect to
access
select and upload image
fill-in title, description, topic
submit post
send photo and user's filled-in form
Validate and add new record
alt
[Created post successfully]
post created
post created
display newly created post
redirect
alt
[Failed to create post]
Failed to create post
Display error message and reset form
Ask user to fill in form again
User
Login page
Home page
Upload page
Database

4. **Browse posts in homepage**



IV. API DESIGN

Swagger link: https://app.swaggerhub.com/apis-docs/Ashpex/ImgurClone/1.0.0