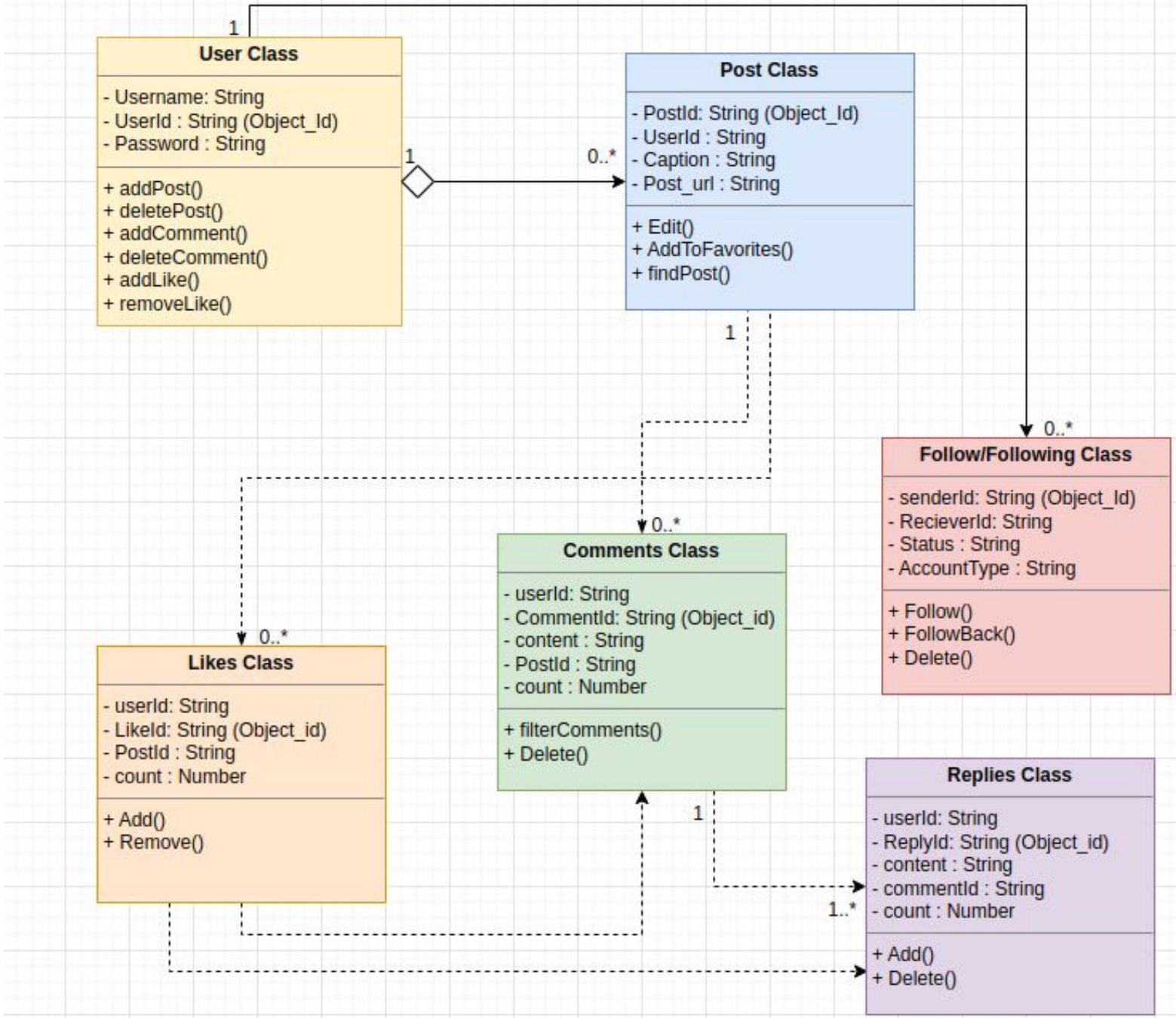
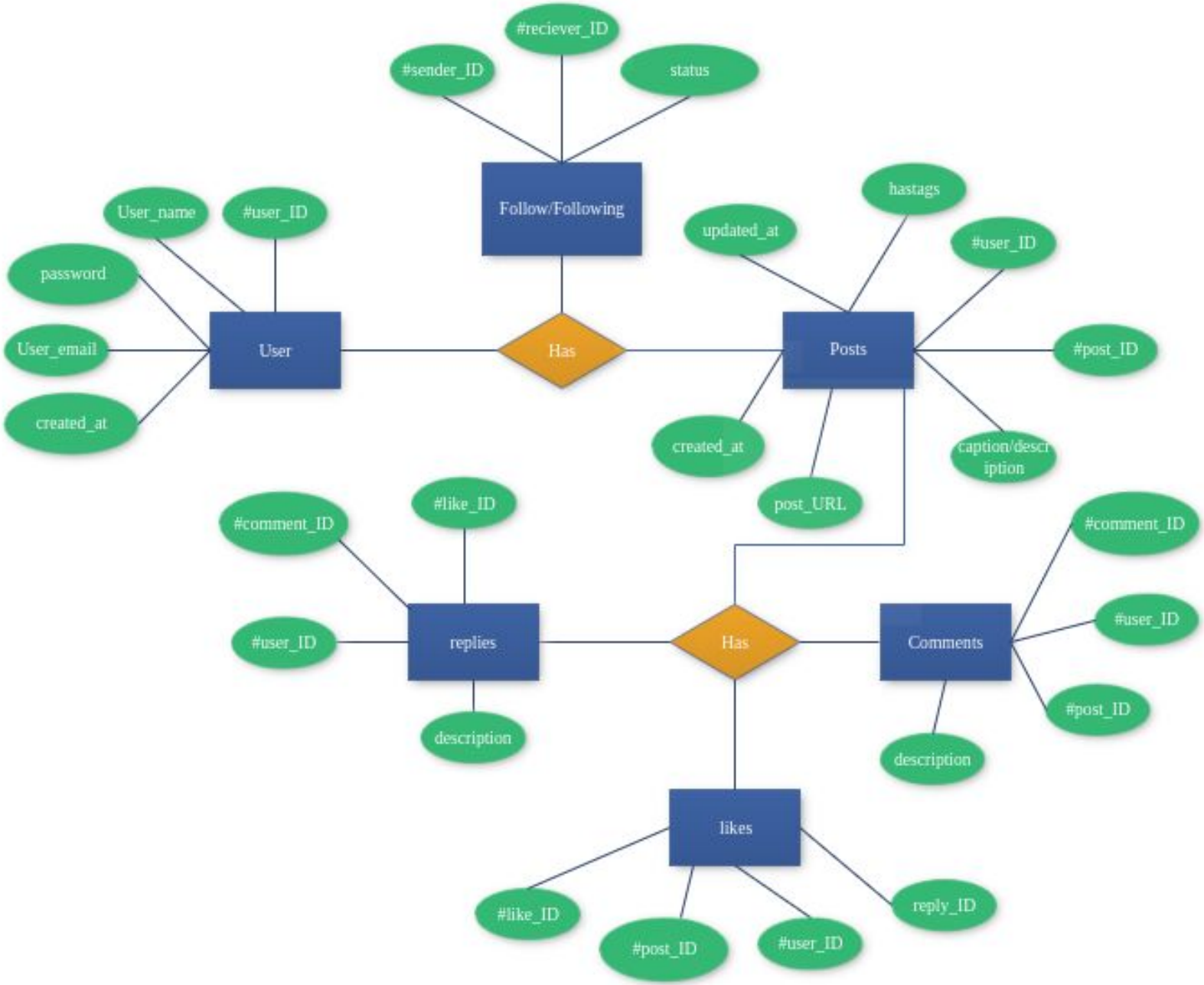
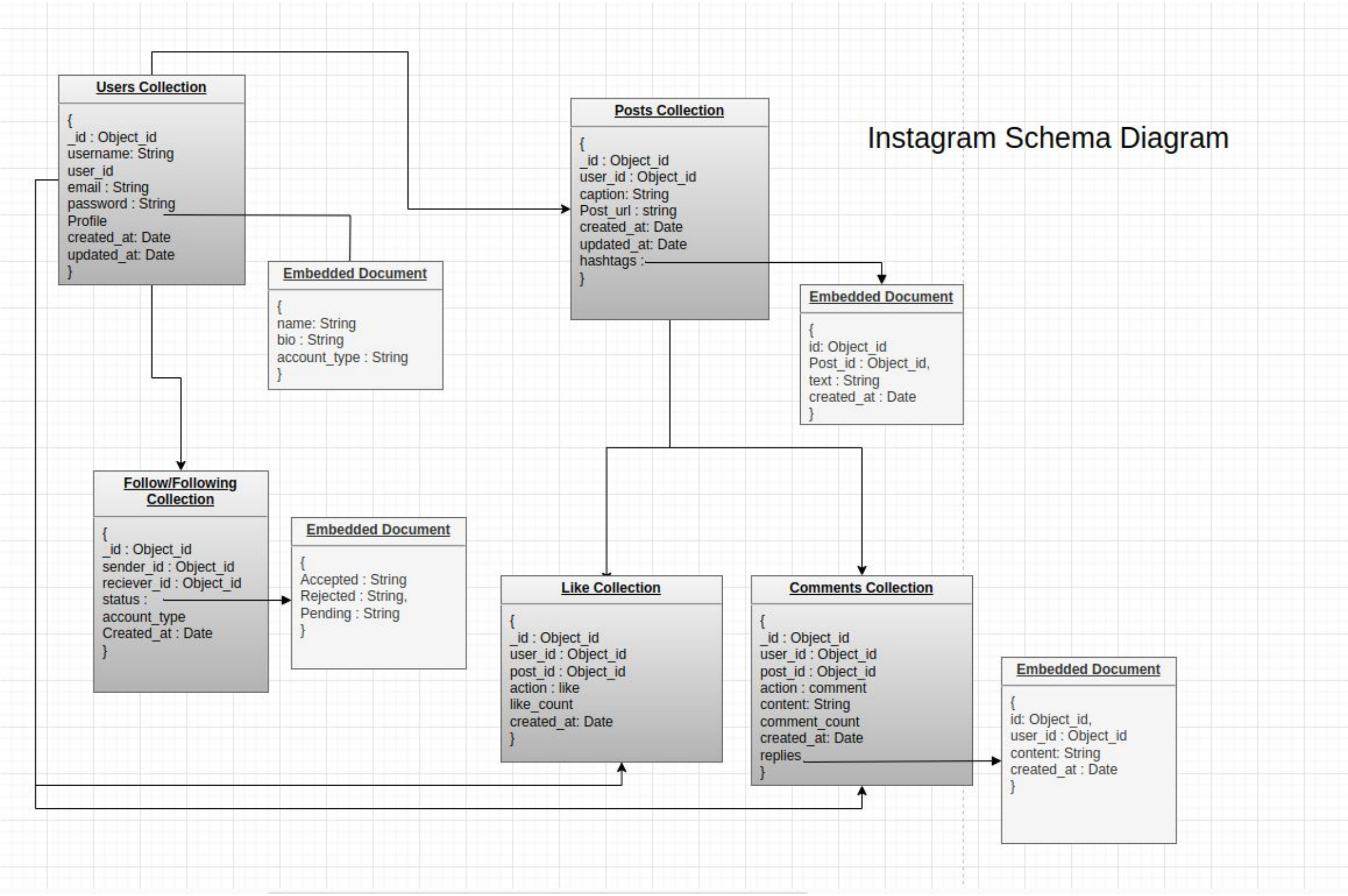
Class Diagram for Instagram Application

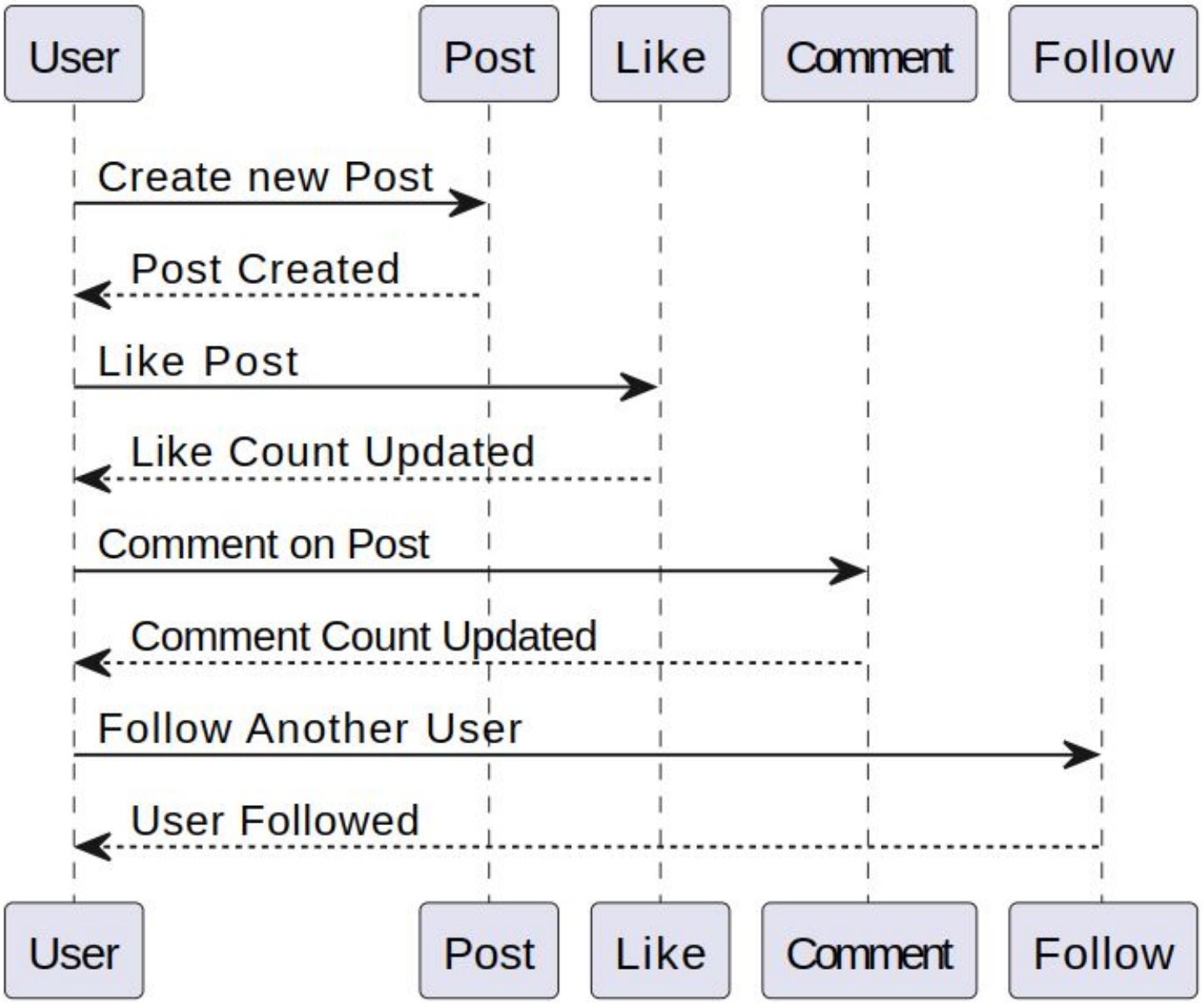


ER diagram for Instagram Application

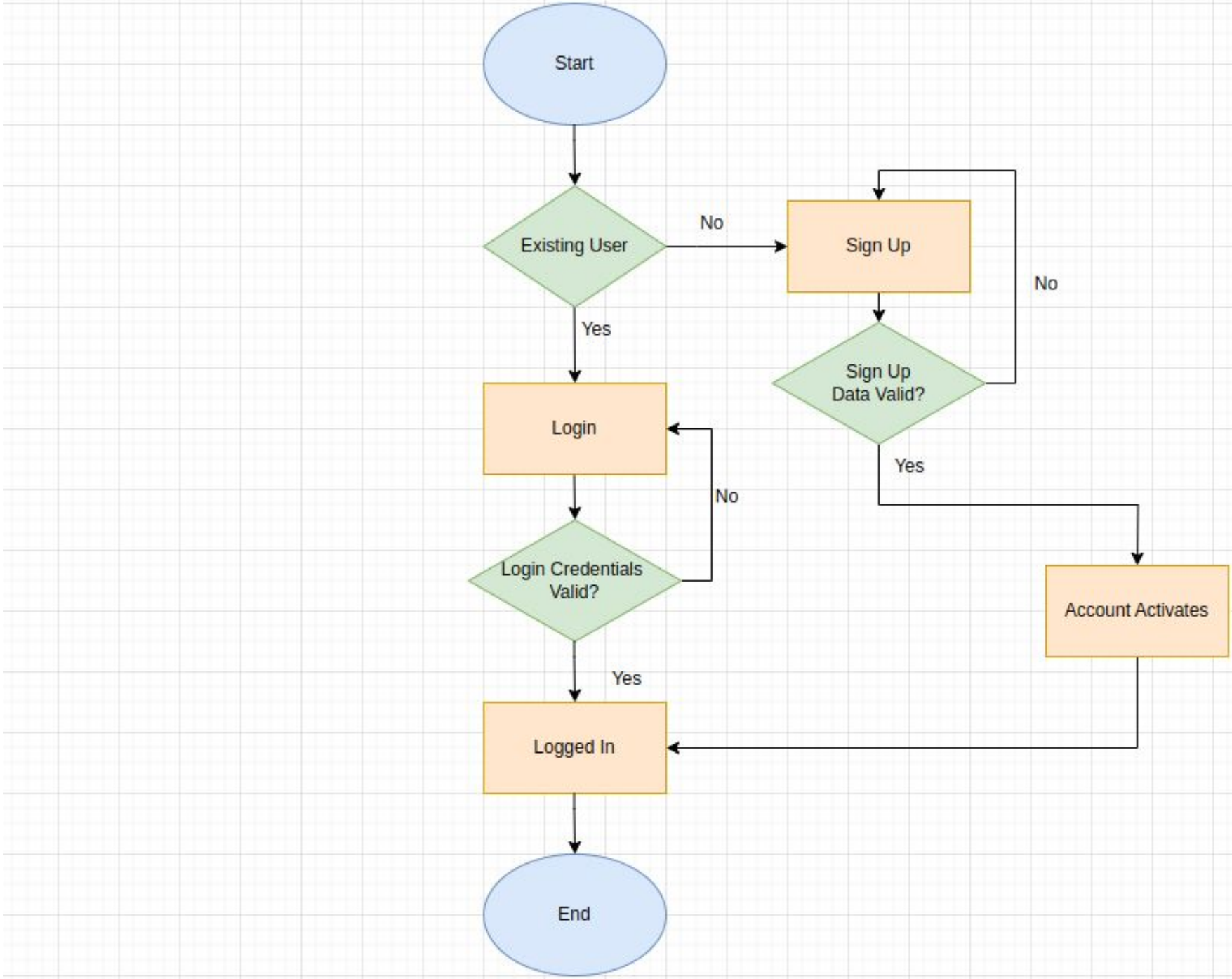



Instagram Schema Diagram
Users Collection
{
_id : Object_id
username: String
user_id
email : String
password : String
Profile
created_at: Date
updated_at: Date
}
Embedded Document
{
name: String
bio : String
account_type : String
}
Posts Collection
{
_id : Object_id
user_id : Object_id
caption: String
Post_url : string
created_at: Date
updated_at: Date
hashtags :
}
Embedded Document
{
id: Object_id
Post_id : Object_id,
text : String
created_at : Date
}
Follow/Following Collection
{
_id : Object_id
sender_id : Object_id
reciever_id : Object_id
status :
account_type
Created_at : Date
}
Embedded Document
{
Accepted : String
Rejected : String,
Pending : String
}
Like Collection
{
_id : Object_id
user_id : Object_id
post_id : Object_id
action : like
like_count
created_at: Date
}
Comments Collection
{
_id : Object_id
user_id : Object_id
post_id : Object_id
action : comment
content: String
comment_count
created_at: Date
replies
}
Embedded Document
{
id: Object_id,
user_id : Object_id
content: String
created_at : Date
}

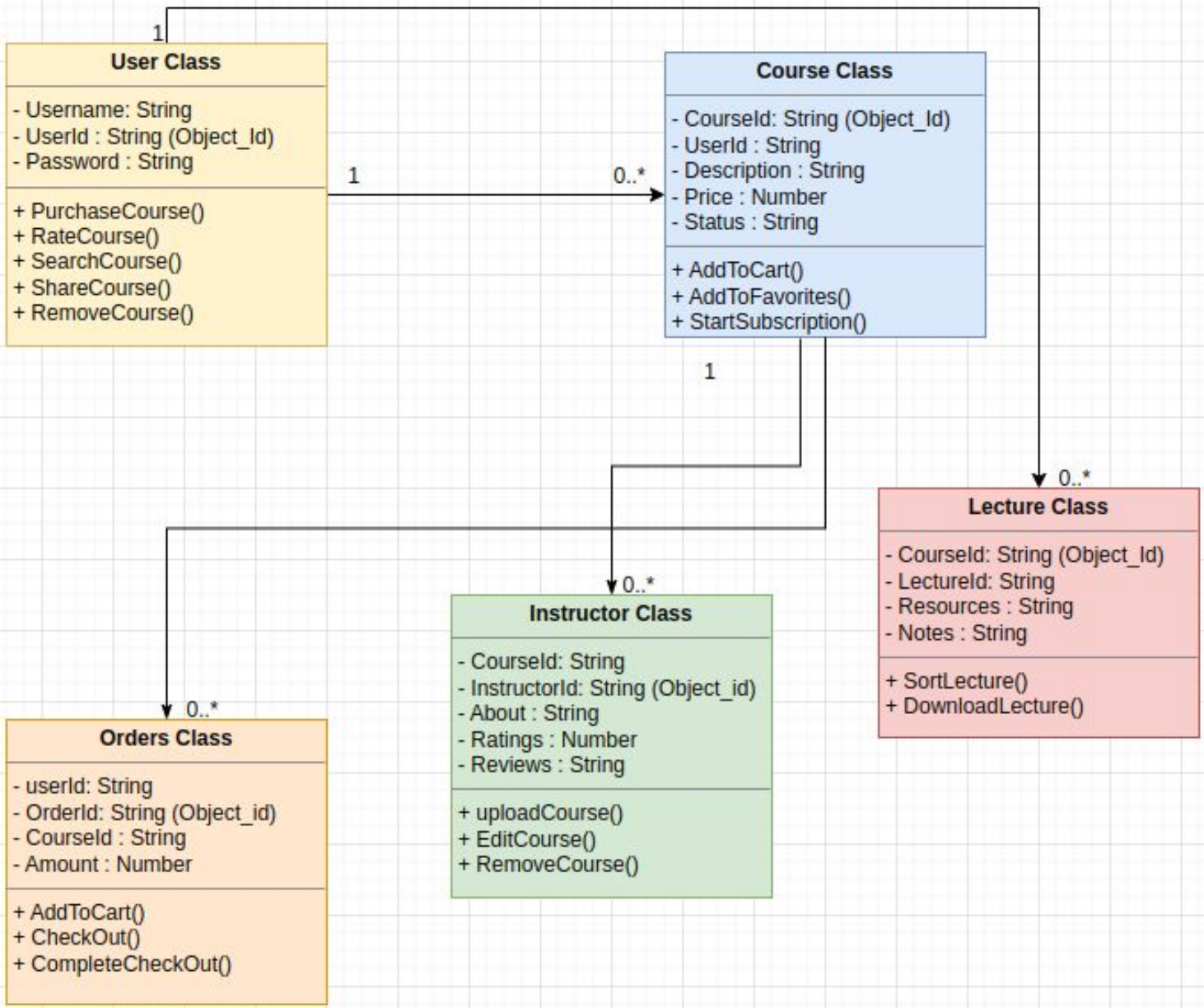
Sequence Diagram For Instagram Application



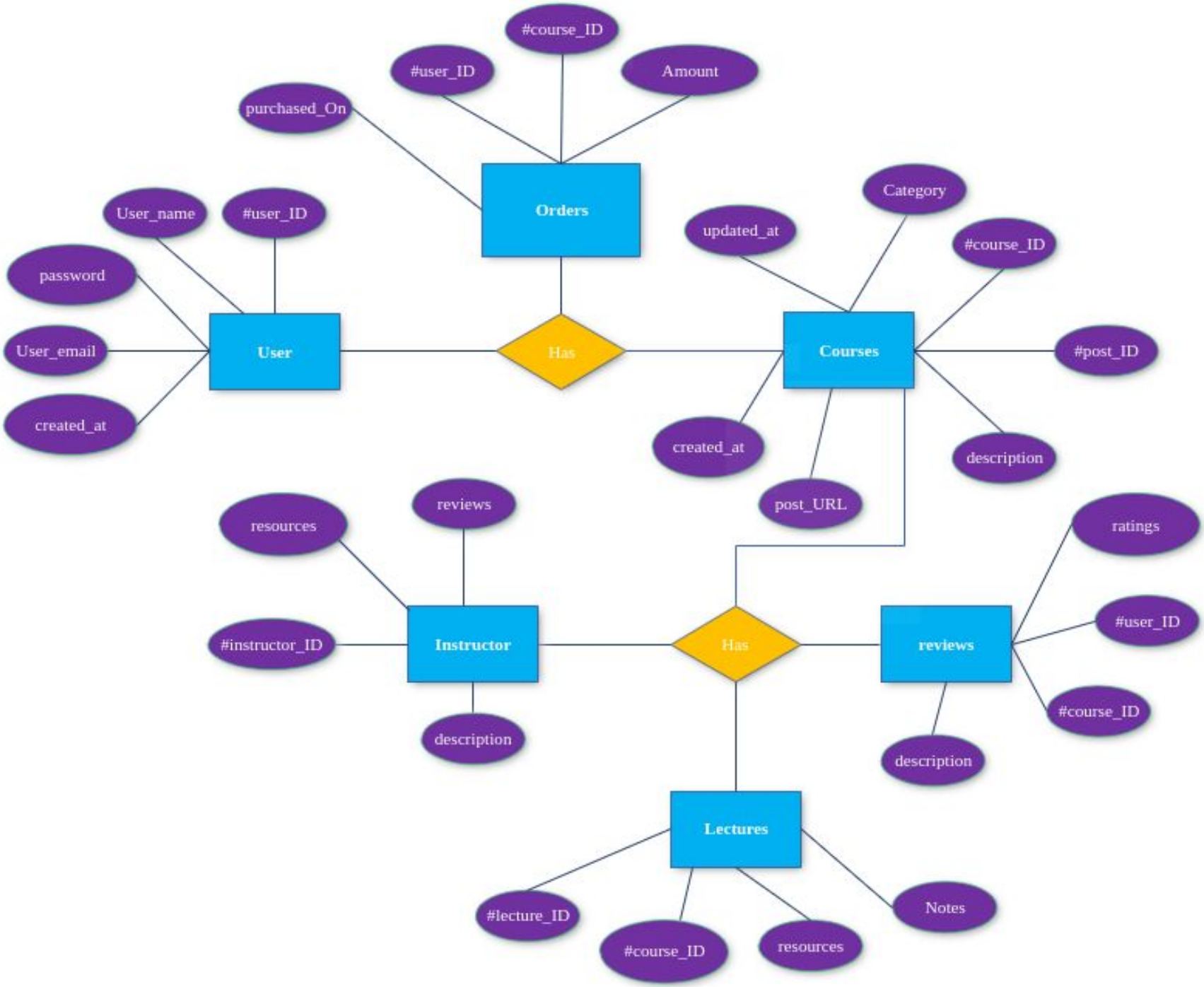
User Flow Diagram for Instagram Application

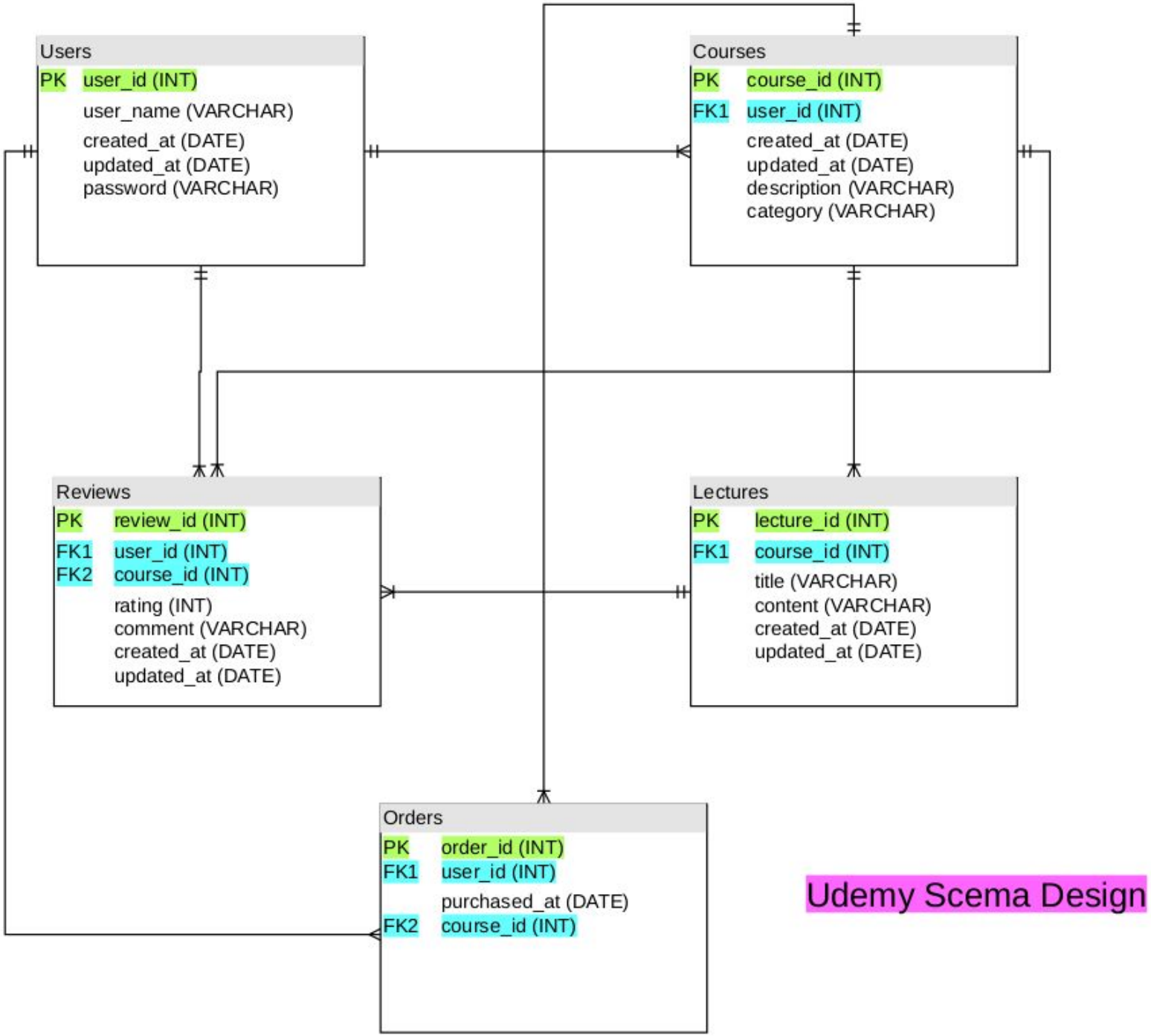
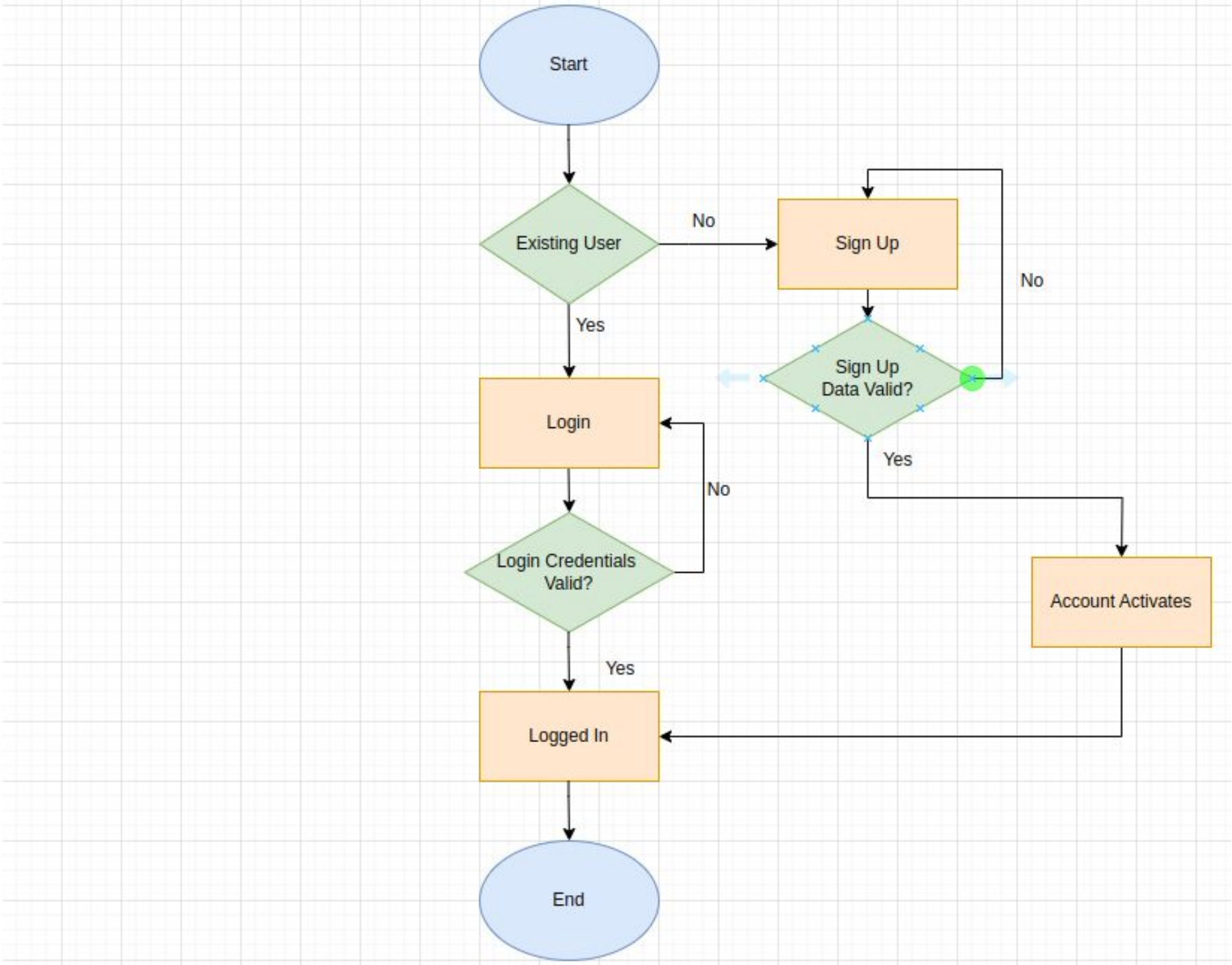


Class Diagram for Udemy Application



ER diagram for Udemy Application




Users
PK user_id (INT)
user_name (VARCHAR)
created_at (DATE)
updated_at (DATE)
password (VARCHAR)
Courses
PK course_id (INT)
FK1 user_id (INT)
created_at (DATE)
updated_at (DATE)
description (VARCHAR)
category (VARCHAR)
Reviews
PK review_id (INT)
FK1 user_id (INT)
FK2 course_id (INT)
rating (INT)
comment (VARCHAR)
created_at (DATE)
updated_at (DATE)
Lectures
PK lecture_id (INT)
FK1 course_id (INT)
title (VARCHAR)
content (VARCHAR)
created_at (DATE)
updated_at (DATE)
Orders
PK order_id (INT)
FK1 user_id (INT)
purchased_at (DATE)
FK2 course_id (INT)
Udemy Scema Design

User Flow Diagram for Udemy Application