

Roll number: S20210010137

Section: 2

Project name: Fotoflask

Project number: 35

Project Domain area: social media for professional photographers

1. Ubiquitous language: Define key domain terms or shared vocabulary and their meaning.

Vocabulary	Meaning
Upload	Uploading photos to their profile
Explore	Getting various posts
Likes	Showing love towards the post
Comments	Adding comments to post express supportness towards photographers
Follow	Following photographers helps in getting feed up to date on top

2. Domain model: Identify each of the following in your project and describe them.
 - a. Entities

Entity	Description	Pseudo code
User	The people using our platform	User(_id, email, name, password, phonenumber, followers[], following[], profilepicture, LikedPosts, Stories)
Like	Likes of the post	Like(_id, postId, userId)
Post	Post uploaded by the photographer	Post(_id, userId, url, likes[], comments[], tags[], createdAt, description)
Comments	Comments on the post	Comment(_id, userId, comment, postId)
Admin	Access to all the users, posts, reels etc..	Admin(...User, Admin)

- b. valueObjects

valueObjects	Description	Pseudo code
Likes count	Count of likes obtained	
Comments count	Count of comments obtained	
Tags	Tags that post contains	
Date and Time	Uploading time of post	
Followers	Showing followers list	

c. Aggregates

Aggregate	Description	Entities	valueObjects	Pseudo code
User with location	Combination of User with Location	User	Location	Userid and capture date and time of uploading
Photo with Tag	Combination of Photo with Tag	Photo	Tag	Photo Id and tag id
Like and Likes Count	Combination of Like and Likes Count	Likes	Likes count	Photo id and like count
Comment and Comment Count	Combination of Comment and Comment Count	Comment		

d. Services

Service	Description	Aggregates

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e. Repositories