KARMA

TEAM 9

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Introduction

- Online Goal tracking and sharing system.
- Providing people a way to properly manage, achieve and share their life goals. (motivation through participation)
- Aim is to create an easy to use web application with simple user interface to create the above solution.

Terminology

1. Mentor

2. Personal space
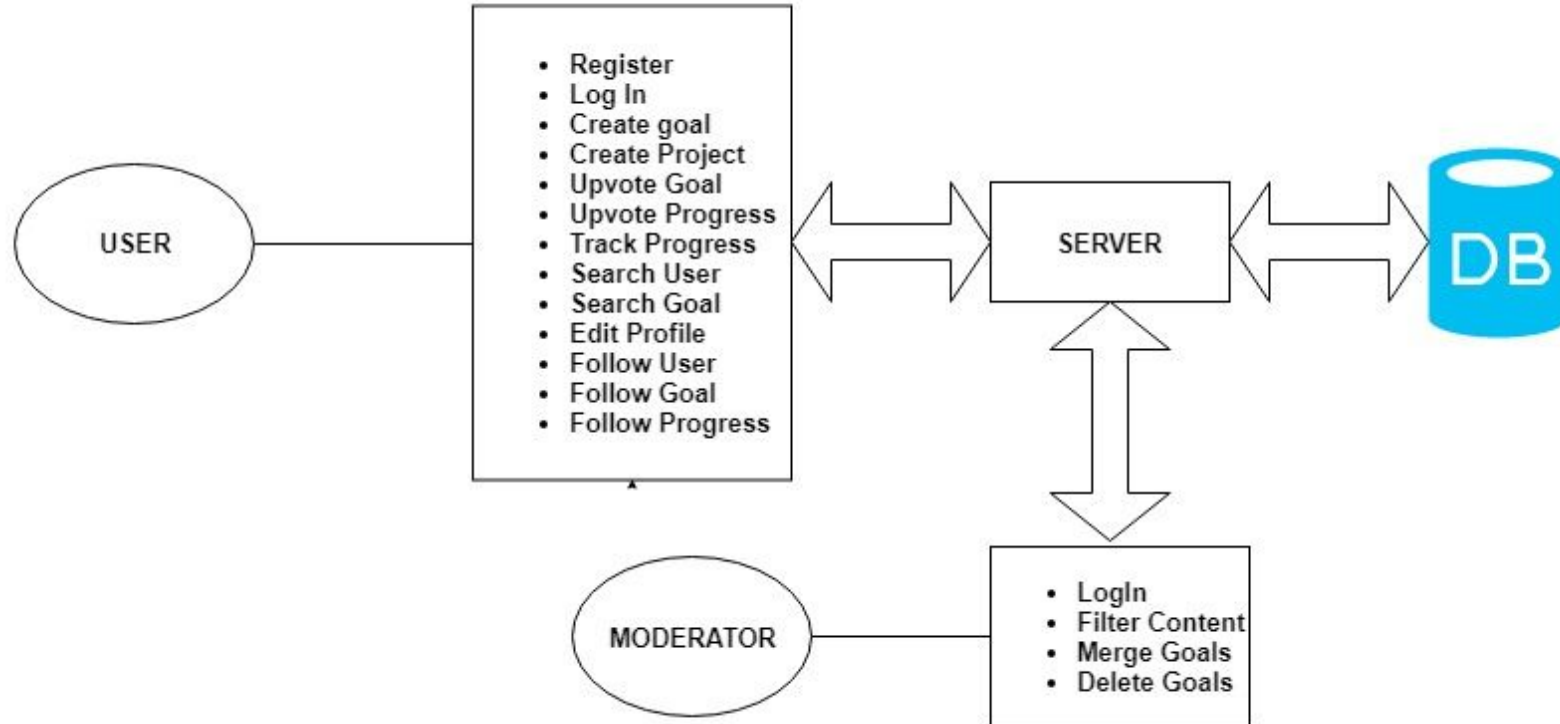
3. Journal

4. Project

5. Goal

6. Progress

Requirements

- Start a new project for a specific goal in personal space (Must)
- Journal type setting for projects, progress addition.(Must)
- Option for sharing the project under a common goal.(Should)
- Upvote a project (Should)
- Upvote a progress (Should)
- Follow a goal (Should)
- Follow a project (Should)
- Follow a User (Should)
- Comment on goal (Should)
- Comment on project (Should)
- Comment on progress (Should)
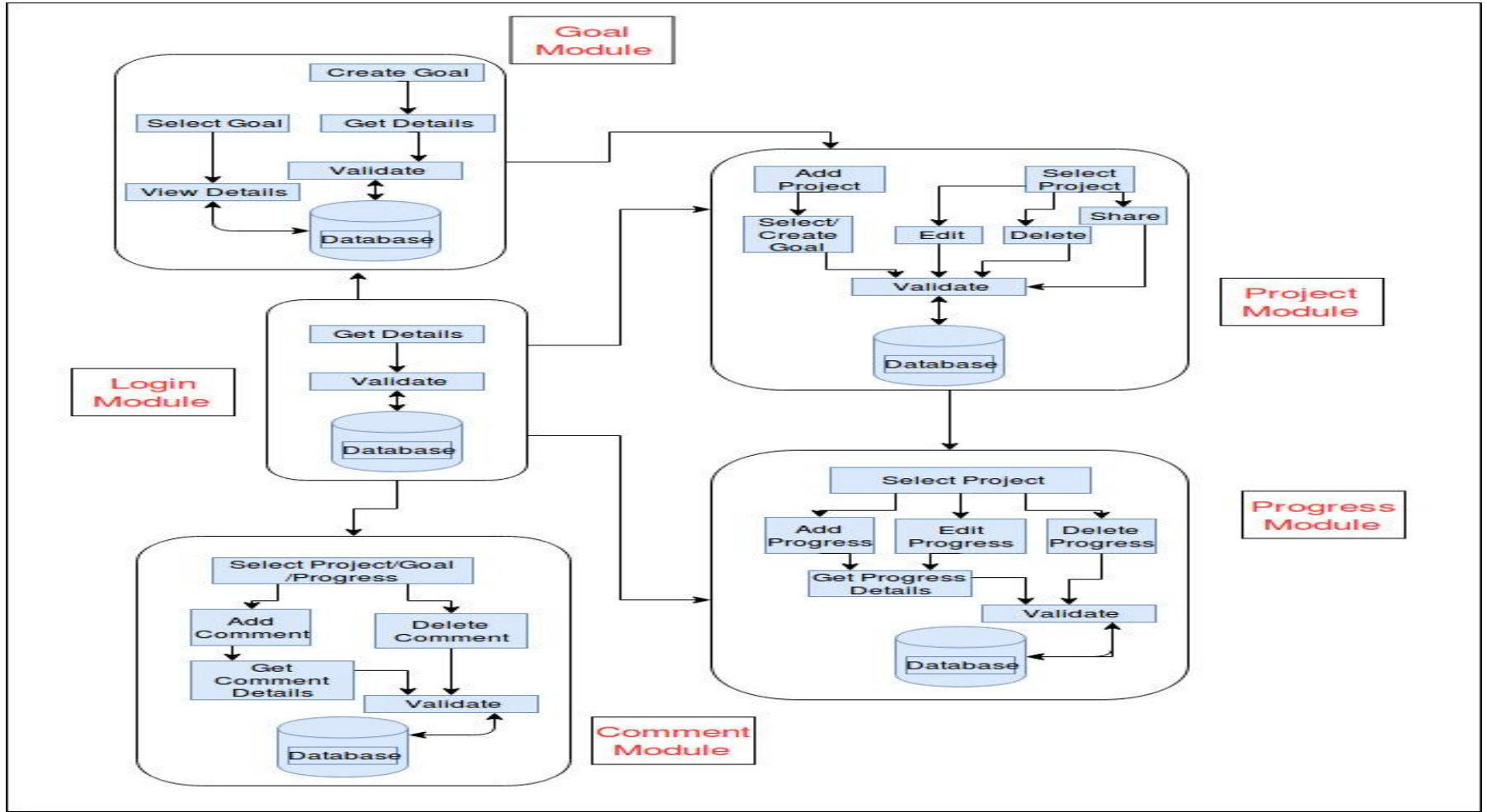- Categorize goals (Should)
- Search user/goal (Should)
- Profile of the user (Should)
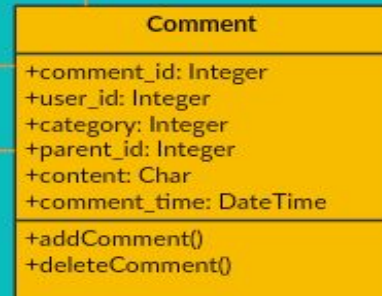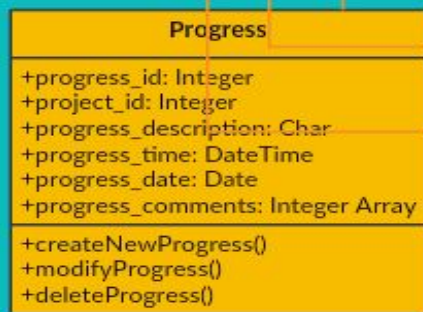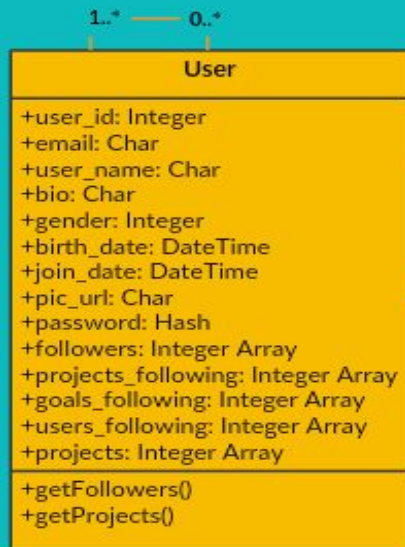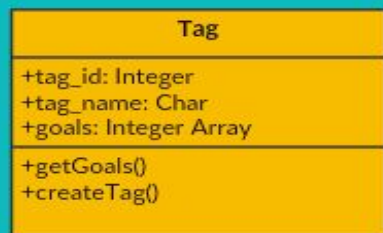
Non Functional Requirements:

- Performance :
  - Any queries or changes to data should not take more than 1 second.
- Reliability :
  - Data should not be lost.
- Availability
  - Site should not be down for more than 1 minute a day or 99.9% available.
- Security
  - Credentials should not be compromised.

High Level Architecture

Detailed Architecture

GOAL

id PRIMARY KEY : string
goalTitle : string
goalDescription : string
createdAt : date

GOAL_TAGS

GOAL : FOREIGN KEY
TAG: FOREIGN KEY

TAG

id PRIMARY KEY:string
tagName: string
Goals : FOREIGN KEY

PROGRESS

id PRIMARY KEY : string
progressDescription: string
createdAt : date
project : FOREIGN KEY

COMMENT_ON_GOAL

GOAL : FOREIGN KEY
USER :FOREIGN KEY
content : string
createdAt: date

COMMENT_ON_PROGRESS

USER: FOREIGN KEY
PROGRESS: FK
content: string
createdAt : date

GOAL_FOLLOWING

GOAL : FOREIGN KEY
USER: FOREIGN KEY

USER

email PRIMARY KEY : string
gender : char
join_date : date
pic_URL : string
booleanField : bool

PROJECT_FOLLOWING

USER :FORIGN KEY
PROJECT : FOREIGN KEY

PROJECT

id PRIMARY KEY :string
projectTitle : string
projecctDescription :string
goal : FOREIGN KEY
user : FOREIGN KEY
coverPicURL : string
isPublic : bool
createdAt: date

COMMENT_ON_PROJECT

USER : FOREIGN KEY
PROJECT: FOREIGN KEY
content :string
createdAt : date

Thank You.

Questions ?