TCS (Test Control System)

Goals:
1. Account creation & log in
2. Authorization
   - 2 Models → Admin
     → User
   - 2 landing Views → Admin
     → User
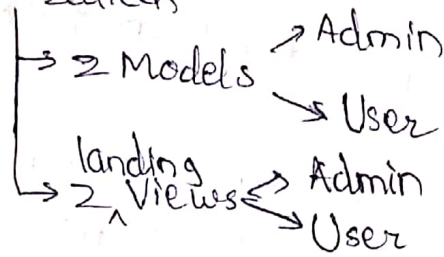
User → Creating project,
    reporting bug,
    Commenting on reported bug
        L+

Admin → Disable users
    Make admin
    Demote admin

3. Project editing-
   ~ Create
     → Name
     → Description
     → Team members

   Creator-
     → Add more members
     → Edit project
     → Delete project

   Users
     → View project
     → Add bug report (comment)

   Team
     → Edit project details
     → Delete project

   Admin
     → Edit
     → Delete
     → Change team

4. New issue-
   Home screen ⇒ List of all available projects
     → select ⇒ see all bugs
        ⇒ add a bug report
           → Contains heading
           → Description
           → Media upload option *
        → contain status

Issue reported:

Team member/Admin → change status
                  → Delete issue
                  → Assign issue to one of
                    team members

(Description, heading, etc ←will not be editable)

5⟩ Commenting: Anyone can comment on an issue
            (Real time ⟺ web sockets)

6⟩ My page (landing view):
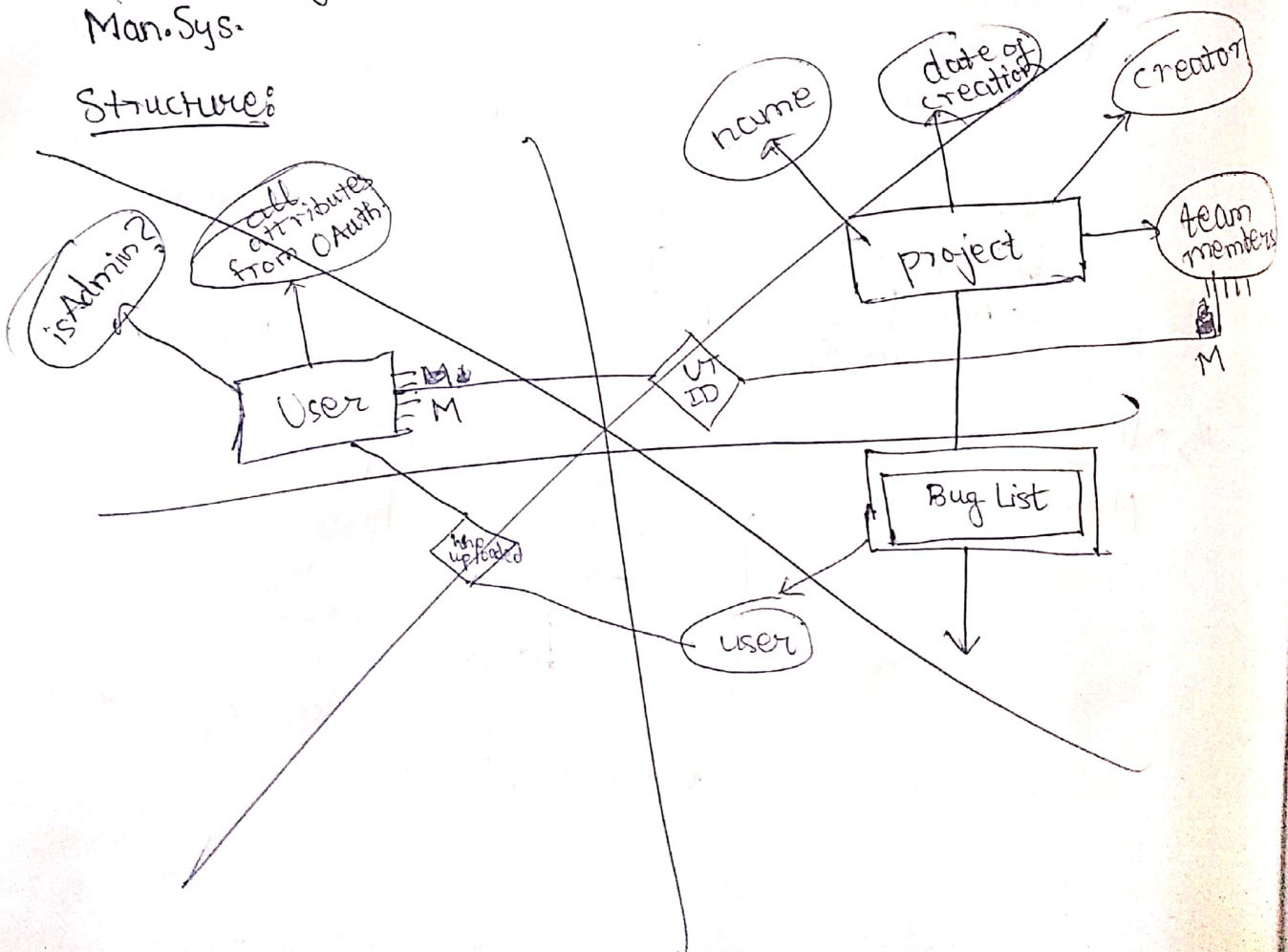   ↳ Issues assigned
            ↳ Projects active
            ↳ Projects taken ↙
7⟩ Admin: List all users too with ⟩

8) Email notifications
————————————————×————————————————

Database: MySQL
   Man. Sys.

Structure:

Iter II :

Name, other details

isAdmin?

User

1

1

1

M

projects

Who is

member

members

team

Creator

1

1

name

Project

date of creation

heading

Who reported

1

Bug Bug issue

description

assigned to

F key

F. Key

Comment

desc

Item III : (final)

(Name, other details)

(is admin?)

User

↓ :1

(projects)

⬦ key

⬦ key

team

description

date of creation ← project → name

→ creator ── 1 ──⬦ key
           ↳ user key

user key (from team)

⬦ key ← who reported

heading

Issue → description

assigned to → (user key)
            (from team)

F key

User key

who posted ← Comments → description