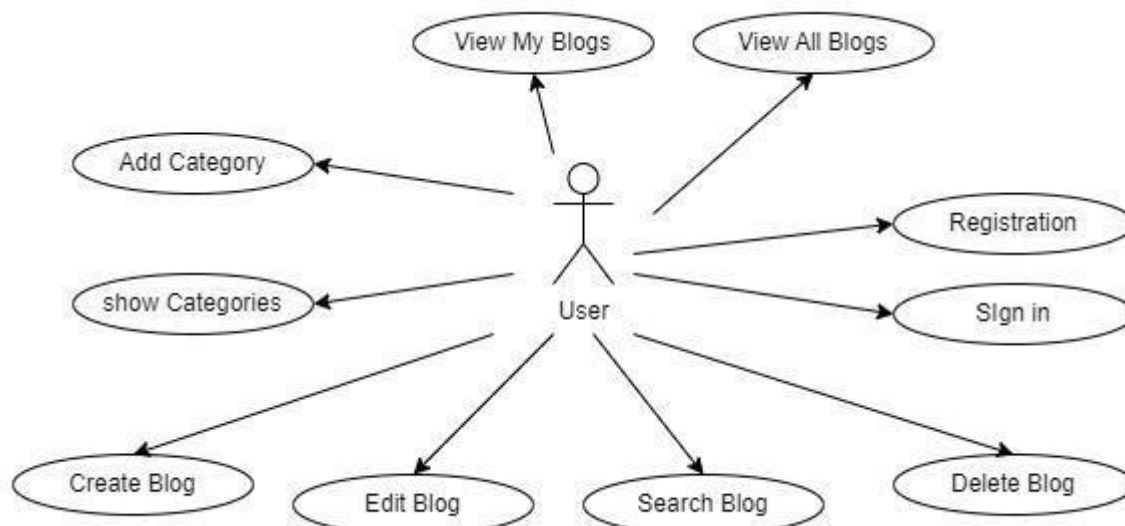# Sunbeam Institute of Information Technology,
Pune and Karad
Hackathon February 2025 Batch

Date: 16th April 2025

- **Rules of competition: -**
  - It is group competition of 6 hours.
  - You need to solve case study in pair.
  - You have to upload your final case study on git for evaluation.
  - You can refer documentation if needed.
  - Count of Successful completion per group will be the score of that particular group.
  - Attendance is Compulsory. Manual Attendance will be conducted. Absent Students will not be allowed for current module end Lab exam.
  - This activity will help to improve programming and placement skills.

- **Technologies & tools**
  - Programming language: Core Java
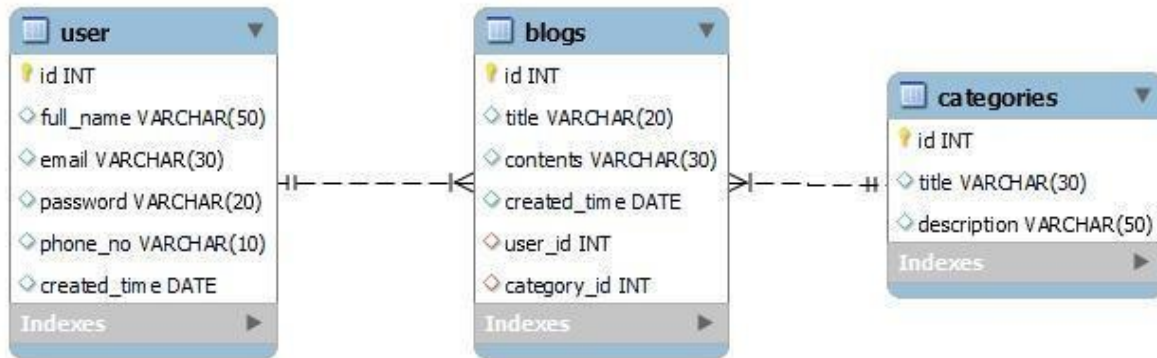 - Database: Mysql
  - IDE: VS Code or STS or any other IDE

Blogs
(Design and Share Ideas)

- Implement a blog management system. This software can be used by multiple users who will be able to do following things.

- **Database design (ER Diagram)**
  - This is for your reference only (you are not expected to use database,Use files).

- **Important points to note**
  - This is console based menu-driven application.
  - User should be able to do registration / login / logout.
  - Also each user should be able to add categories and list all categories.
  - User can create new blog, can edit only his/her existing blog, can search for any blog and also can delete only his/her own blog.
  - User should be able to see his/her blogs as well as all the published blogs
- **CLI design**

1. Welcome screen	2. Login
Welcome to Blogging App 0. Exit 1. Login 2. Register Welcome Options	Login Please Login to Continue Email : _____ Password : _____ Enter c to continue and e to exit from app Login
3. Registration	4. Main Menu (after successful login)
Registration Please enter your details Email : _____ Password : _____ Full Name : _____ Phone no : _____ Enter c to continue and e to exit from app Registration	Blogging App Welcome \<user> 1. Add Category 2. Show Categories 3. All Blogs 4. My Blogs 5. Add Blog 6. Edit Blog 7. Search Blog 8. Delete Blog 9. Logout Main menu

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5. Create / Edit Blog	6. Search Blog
Edit / Create Blog Enter following details to create new blog Title : _____ Contents : _____ File Name : _____ Category : _____ Enter c to continue and e to exit from screen Edit and Create Blog	**Search Blog** Please Enter search text to search : _____ Results: 1. <Title> 2. <Title> Search Blog
7. View all / my blogs	8. View Blog Details
All Blogs / My Blogs Following are my/all blogs: Results: 1. <Title> 2. <Title> Enter blog no to see details Blog no : _____ All / My Blogs	**Blog Details** Title : <Blog Title> Contents : <Contents> All / My Blogs

- o **Please also refer attached screen shots.**
- o **Note that these are reference screen shots for functionalities. Your program output should be well formatted**.

Happy Programming!!!

Sunbeam Institute of Information Technology, Pune and Karad