



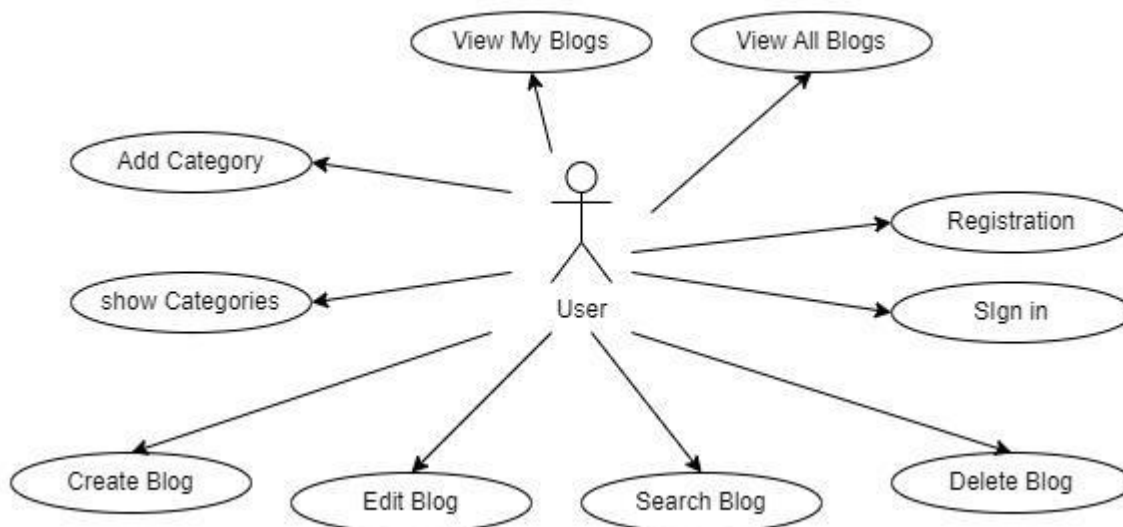
**Sunbeam Institute of Information Technology,  
Pune and Karad  
Hackathon March 2024 Batch**

Date: 20th April 2024

- **Rules of competition: -**
  - It is group competition of 9 hours without any break.
  - 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

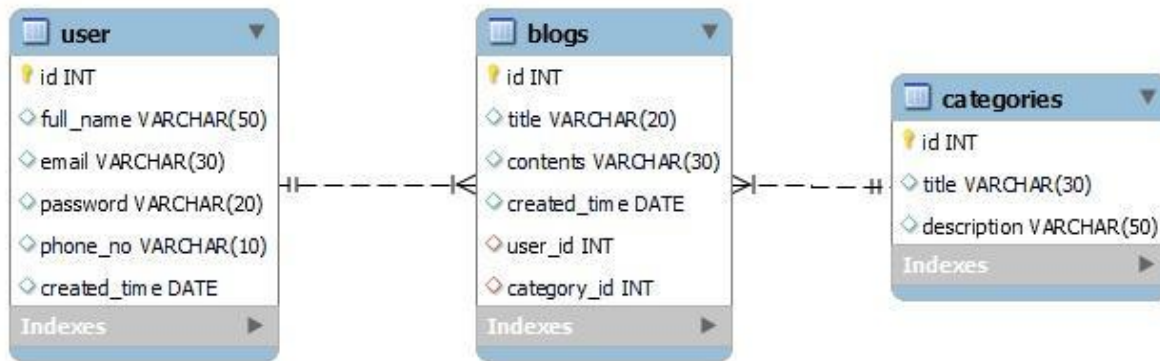
**Blogs**  
**(Design and Share Ideas)**

- 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)**

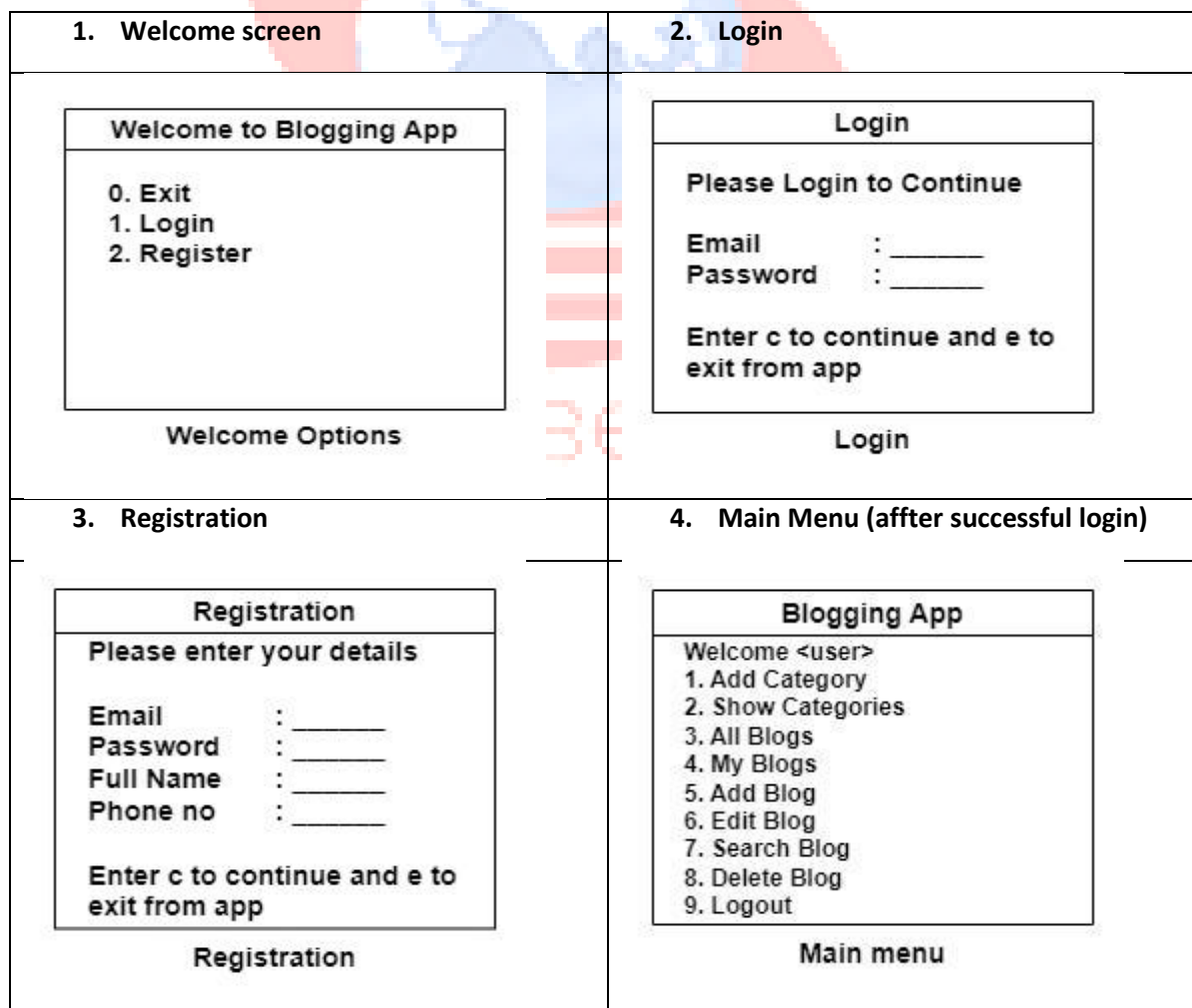
- This is for your reference only (you are not expected to use database, Use files).



- **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**



<p><b>5. Create / Edit Blog</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p align="center"><b>Edit / Create Blog</b></p> <p>Enter following details to create new blog</p> <p>Title : _____</p> <p>Contents : _____</p> <p>File Name : _____</p> <p>Category : _____</p> <p>Enter c to continue and e to exit from screen</p> </div> <p align="center"><b>Edit and Create Blog</b></p>	<p><b>6. Search Blog</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p align="center"><b>Search Blog</b></p> <p>Please Enter search text to search : _____</p> <p><b>Results:</b></p> <p>1. &lt;Title&gt;</p> <p>2. &lt;Title&gt;</p> </div> <p align="center"><b>Search Blog</b></p>
<p><b>7. View all / my blogs</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p align="center"><b>All Blogs / My Blogs</b></p> <p>Following are my/all blogs:</p> <p><b>Results:</b></p> <p>1. &lt;Title&gt;</p> <p>2. &lt;Title&gt;</p> <p>Enter blog no to see details</p> <p>Blog no : _____</p> </div> <p align="center"><b>All / My Blogs</b></p>	<p><b>8. View Blog Details</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p align="center"><b>Blog Details</b></p> <p>Title : &lt;Blog Title&gt;</p> <p>Contents : &lt;Contents&gt;</p> </div> <p align="center"><b>All / My Blogs</b></p>

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

**Happy Programming!!!**