



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

Date: 20th April 2024

● **Rules of competition: -**

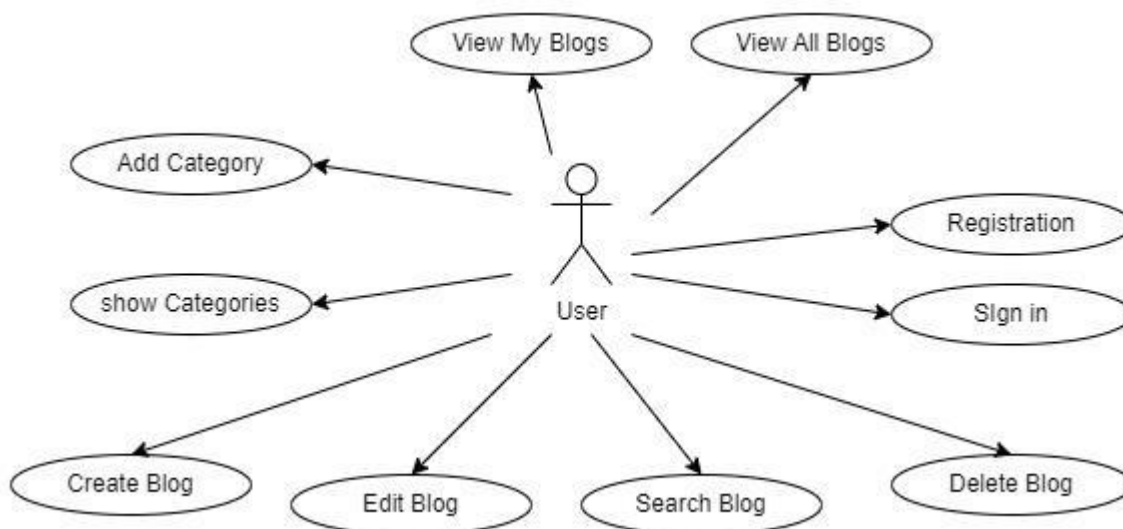
- It is group competition of 9 hours without any break.
- You need to solve case study in pair.
- You have to upload your final case study on git for evaluation.
- You can refer documentation if needed.
- Count of Successful completion per group will be the score of that particular group.
- Attendance 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**

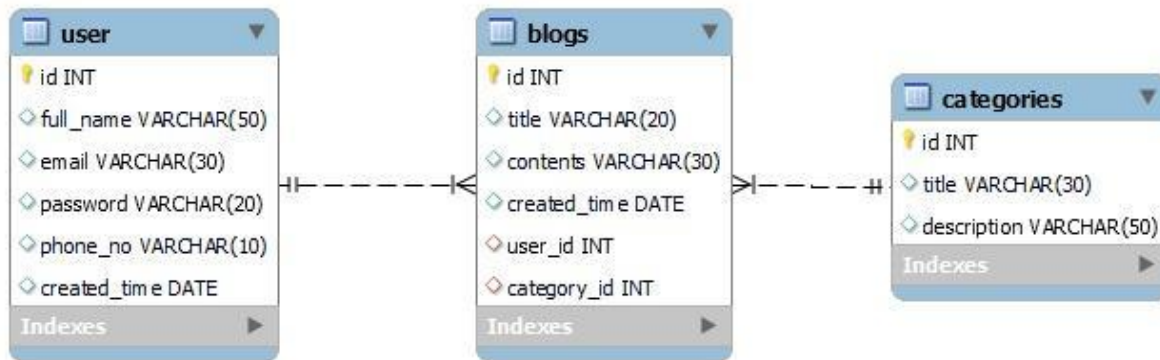
- Programming language: MERN
- Database: MySQL
- IDE: VS Code or any other IDE

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)



● Important points to note

- This is web based 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

● UI design

1. Login

Login	
Email	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Sign in"/>	<input type="button" value="Sign up"/>

Login

2. Registration

Registration	
Email	<input type="text"/>
Password	<input type="password"/>
Full name	<input type="text"/>
Phone No	<input type="text"/>
<input type="button" value="Sign up"/>	

Registration

3. Menu Board (After login)

Blogging App	
My Blogs	
All Blogs	
Add Category	
Show Categories	
Add Blog	
Search Blogs	
Logout	

Menu Board

4. View all / my blogs

All Blogs / My Blogs				

	Id	Title	Category	Actions
-----				<input type="button" value="edit"/> <input type="button" value="delete"/>
-----				<input type="button" value="edit"/> <input type="button" value="delete"/>
-----				<input type="button" value="edit"/> <input type="button" value="delete"/>
-----				<input type="button" value="edit"/> <input type="button" value="delete"/>

All and My Blogs

5. Create / Edit Blog

Edit / Create Blog	
-----	Title : <input type="text"/>
-----	Contents : <input type="text"/>
-----	Category : <input type="text"/> ▼
-----	<input type="button" value="Create"/> <input type="button" value="Cancel"/>

Create Blog

6. Search Blog

Search Blog																					
-----	Keywords : <input type="text"/> 🔍																				
-----	<table border="1"> <thead> <tr> <th>Id</th> <th>Title</th> <th>Category</th> <th>Date</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Id	Title	Category	Date	Action															
Id	Title	Category	Date	Action																	

Search Blog

7. View Blog Details

Blog Details	
-----	Blog Title :
-----	Contents :

Blog Details

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

SUNBEAM

Happy Programming!!!