



**Sunbeam Institute of Information Technology,  
Pune and Karad**  
**Hackathon Aug 2025 Batch**

**Date: 14<sup>th</sup> Nov 2025**

- **Rules of competition:-**

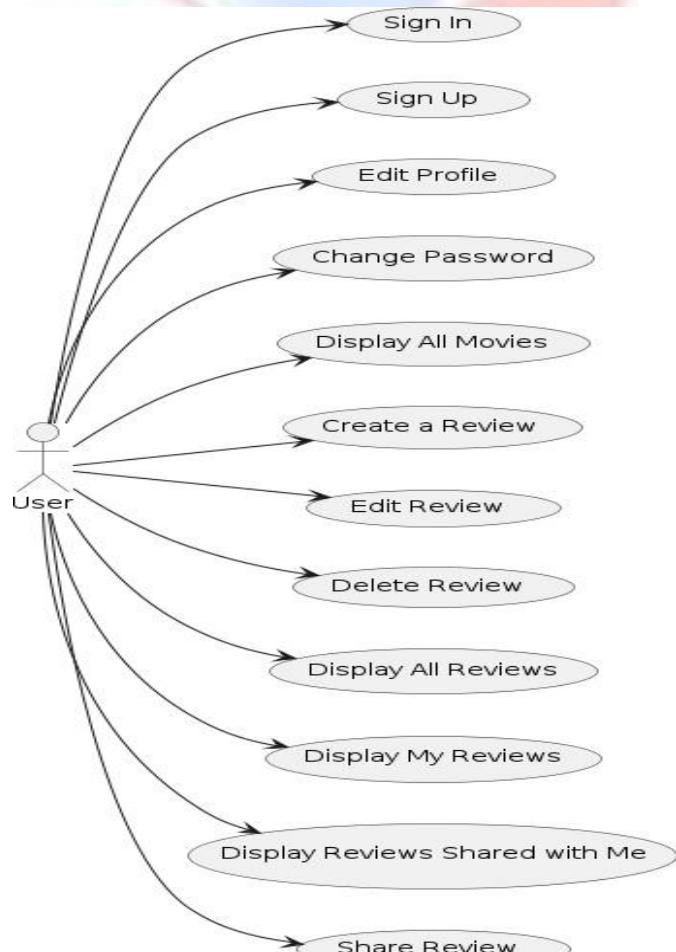
- It is group competition of 7 hours without any break.
- You need to solve case study in pair.
- You can refer documentation if needed.
- Attendance is Compulsory. Manual Attendance will be conducted. Absent Students will not be allowed for current module end Lab exam.
- This activity will help to improve programming and placement skills.

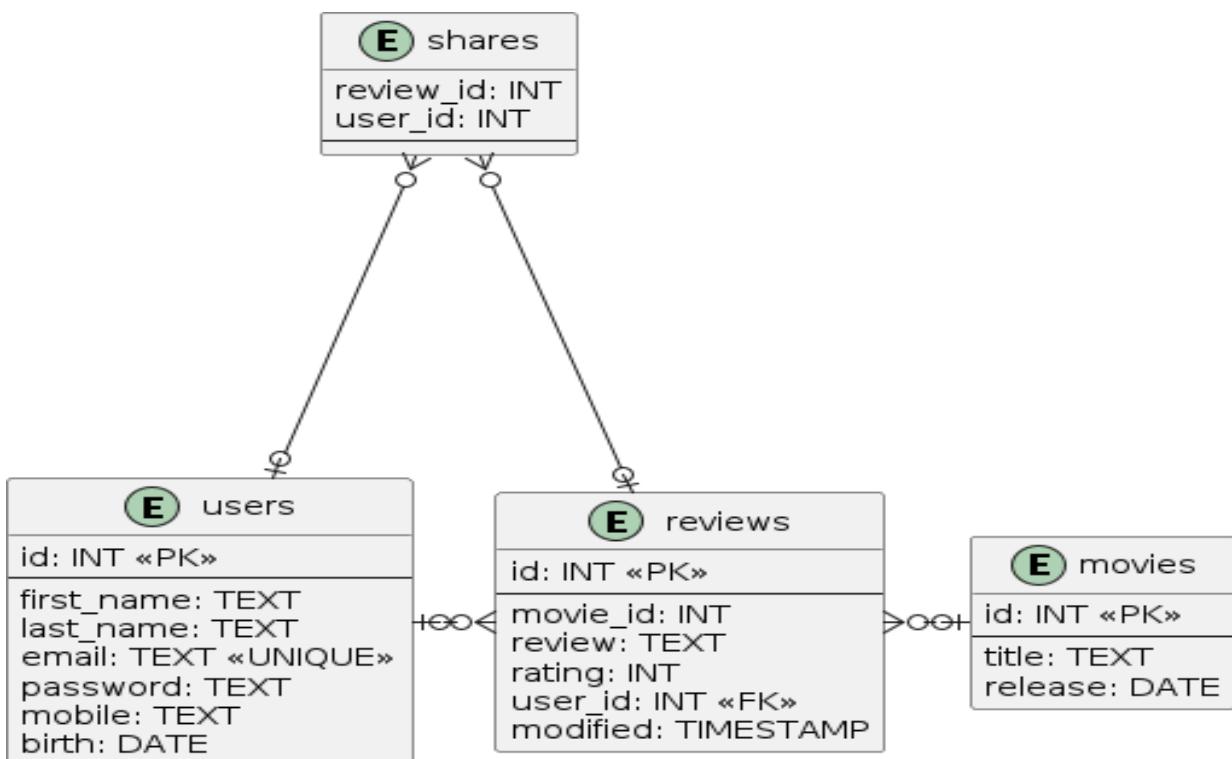
- **Technologies & tools**

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

## Movie Reviews

### Use Case Diagram



**Database design (ER Diagram)**

- **Important points to note**

- This is web based application.
- User should be able to do registration / login / logout.
- Add 10 movies (fixed) into database.
- Review can be created only for movies in database.
- User can only share/edit his own reviews. He cannot share a review with himself.
- Validate all input fields as appropriate.
- User/review id for new user/review should be auto-generated.
- When a review is deleted by a user, it should also be removed from user shares
- Please also refer attached screen shots.
- Note that these are reference screen shots for functionalities. Your program output should be well formatted.

*Happy Programming!!!*