

**Name:- Saurabh Rana**

**Phone:- 9075224057**

**Email:- [saurabhrana0706@gmail.com](mailto:saurabhrana0706@gmail.com)**

**GitHub:- <https://github.com/saurabhrana7699>**

**Linkdin:- <https://www.linkedin.com/in/saurabh-rana-08058b242/>**

### **Problem Statement:**

1. I want to start an e-learning platform called GrowSkill.
2. Growskill provides several paid online live courses in Baking, Makeup and Handicrafts.
3. These courses are conducted by specialised instructors.
4. Each course can extend to multiple classes (which can be conducted on multiple days). Each class will have a specified time, date and topic and zoom link.
5. Customers can enrol in any course from the website and make the necessary payment. After making payment, they can attend the course live on zoom.
6. At the end of the course, customers can watch course recordings and also download its certificate.

### **User journey:**

*If you were to solve the above problem, take a case of any kind of user on your platform and define its end-to-end journey (step-by-step).*

- 1.
- 2.

### **Modelling:**

*Lay out the structure of your data models that you will be needing to solve for the above problem and journey. Define constraints, relationships and data types as well.*

### **Implementation:**

*In this step, you will have to write down the queries that will be fired in each step to implement the above journey into an application. This should include both read and CRUD queries.*

- 1.
- 2.