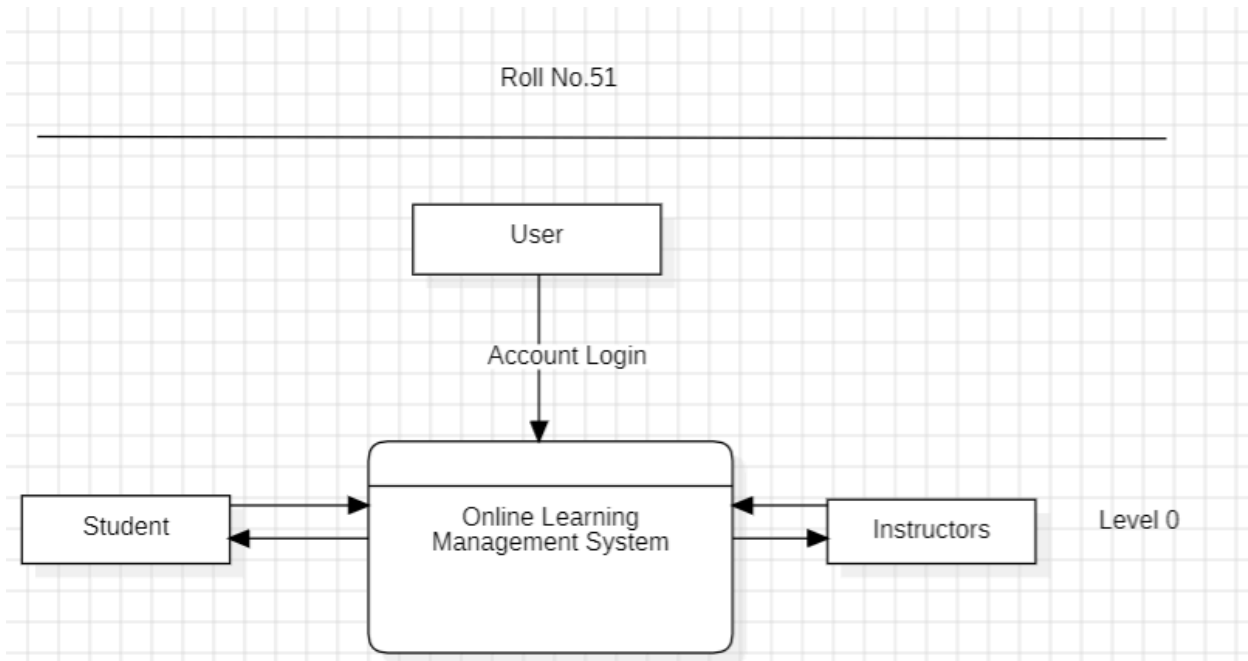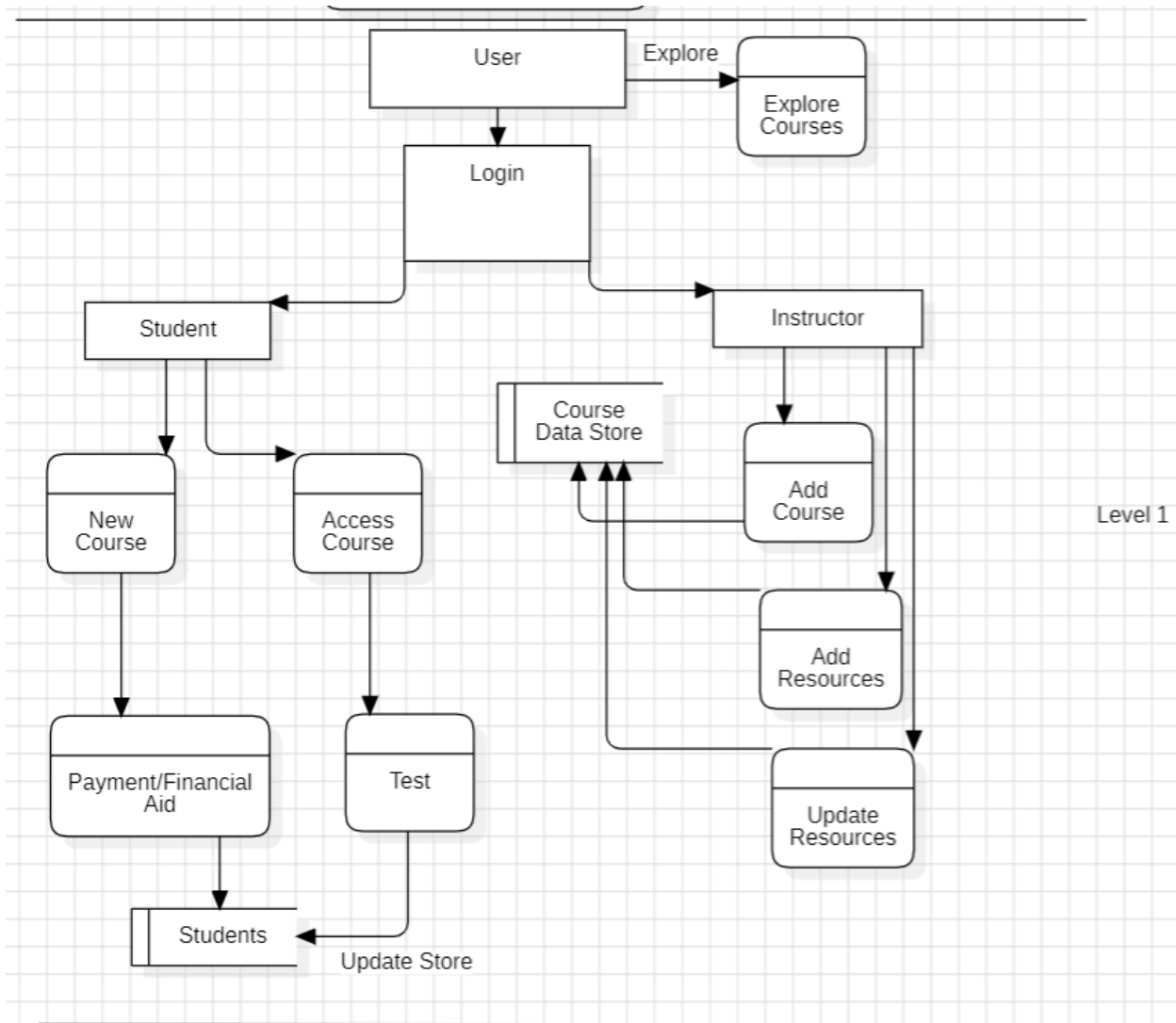Roll No.51
Name: Poushik Yelne
Practical No. 8

# Data Flow Diagram on Online learning management system

Level 0:



- This diagram represents the very basic view of all the external entities and a single main process. How these entities will be going to communicate with the main process is shown.

Level 1:

Level 1

• In level 1, we create all processes acting as an internal part in online learning management system. This process includes Login, enroll in new course, proceed for payment, etc.
• User entity: Has 2 processes to do i.e. Login or explore courses.
• Student entity: Can enroll in a new course or access enrolled courses. These processes are further going into different processes according to entity requirements. And any change in data reflects in the Students Database.
• Instructor entity: Has 3 basic processes i.e. add new course, add material, and Delete course. Work on my process will update courses database correspondingly.

Level 2:

Level 2

```
                    ┌──────────────────┐
                    │  Make Payment    │
                    │                  │
                    └──────────────────┘
                         │    │
        ┌────────────────┘    └──────────────┐
        ▼                                     ▼
  ┌──────────┐                          ┌──────────┐
  │          │                          │          │
  │   UPI    │        ┌──────────┐      │  Coupon  │
  │          │        │          │      │          │
  └──────────┘   ◄────│   Net    │──►   └──────────┘
        │              │ Banking  │  ┌──────────┐       │
        │              └──────────┘  │          │       │
        │                            │  Redeem  │       │
        │                            │   Code   │       │
        │                            └──────────┘       │
        │              ┌──────────────┐      │          │
        └────────────► │   Student    │ ◄────┘          │
                       │     DB       │ ◄───────────────┘
                       └──────────────┘
```