Discuss among your group members and pick a user category and implement the Pipes based on the corresponding rule given below. All the user must have their own **Entity** file.

User Category 1:

Schema Criteria:

- **Id**: A primary key of type **int** that is unsigned.
- **fullName**: A **varchar** column of maximum length 100 characters
- **age**: unsigned integer.
- **status**: default value 'active' and values are only 'active' or 'inactive',.

Operation:

- Create a user
- Change the status of a user to either 'active' or 'inactive'.
- Retrieve a list of users based on their 'inactive' status.
- Get a list of users older 40.

User Category 2:

Schema Criteria:

- **Id**: **generateId()**: use **@BeforeInsert** for custom logic before insertion.
- **isActive**: A boolean column default value to **true**.
- **fullName**: A Nullable **varchar** column.
- **phone**: type **bigint** that is unsigned.

Operation:

- Create a user
- Modify the phone number of an existing user.
- Retrieve users with null values in the full name column.
- Remove a user from the system based on their id.

User Category 3:

Schema Criteria:

- **Id**: **generateId()**: **@BeforeInsert** hook for custom logic before insertion.
- **username**: A **varchar** column of maximum length 100 characters, unique.
- **fullName**: A **varchar** column of maximum length 150 characters.
- **isActive**: A boolean column defaulting to **false**.

Operation:

- Create a user
- Retrieve users whose full name contains a specific substring.
- Retrieve a user based on their unique username.
- Remove a user based on their unique username.

User Category 4:

Schema Criteria:

- **Id**: Autogenerate primary key
- **uniqueId**: A **varchar** column of maximum length 150 characters, generated as a UUID.
- **joiningDate**: default value of the current timestamp.
- **country**: A **varchar** column of length 30, defaulting to 'Unknown'.

Operation:

- Create a user
- Modify the country of an existing user.
- Retrieve users by their joining date
- Retrieve users with the default country value ('Unknown').