**Date : 28 oct 2020 Class Activities**

**1)Requirement Analysis**

Registration

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| Use Case Name | Login User |
| Summary | **In Order to Login** to get personalized information, place orders and other specialized transactions a user must fill registration form so that system can give personalized features and can determine his access level |
| Basic Flow | 1.The use case start when user indicates that he wants to Create New Account.  2.The system requests the full name(\*), age(\*),gender, Contact(\*):Phone and/or email, Address.  3. The system will check/send OTP for the email and/or phone to verify the accounts(i.e. information provided is correct or not).  4. Now system requests username(\*) ,password(\*),confirm password(\*).  5. Now Submit the registration form.  6.User has to login with his username and password. |
| Alternative flows | Step2:If \* fields are blank or validations are not met, next steps are not continued and give message to fill all the fields.  Step2:If already registered email and/or phone details. then next steps are not continued and give alert (that email/phone already registered and/or provide alternate email and/or contact details).  Step3: if confirmation fails, use case go back to step2 and make necessary changes for email and phone.  Step4: Matching of password and confirm password is done.  Step5: System checks for the uniqueness of username among all the registered users, if not unique, system asks the user to make changes in the username. And got to step4. |
| Preconditions | None |
| Postcondition | The user can login and perform functions according to his access level |
| Business Rules | Depending on access level, users can visit and able to do some functions after login |
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**2) Class Diagram**

**Students**

Student Name

Student Id

Age

Email

Create Student()

Student info()

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**Enrollment**

Student

Courses

Enrollment of student into courses()

**Login**

Student Id

Password

**Account**

Student Id

Email

Password

Create Account()

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**Courses**

Course Name

Course Id

Course Fees

Create course()

Courses info()

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