Use Case Fully Dressed

Use Case : Enroll Student

Description: This use case will enroll a valid student into a program.

## Stakeholders/Interests:

Student enrolls into program.

Registrar Office maintains records of enrolled students.

Actors : Student, Clerk

Pre-Conditions: Program must exists in the system.

Success: Student enrolls in program.

## Main Flow:

1. Clerk enters student id and bring back student profile.
2. System displays student profile.
3. Clerk enters program code and enrolls
4. System displays confirmation of enrollment and list of courses. System email instructors
5. Clerk provides confirmation to student.

## Alternate Flow:

1. a: System does not find student.

b: Clerks enters profile information for new Student.

c: System provides Student ID

4. a: System displays “program full” message

b: Clerk searches similar programs available to enroll.

c: System returns list of available programs

d: Clerk enters program code.

Special Requirements: Final enrollment step must take sub 3 seconds.

# Domain Model :

Actors: Clerk

Categories and Nouns

Student Profile , Student ID, Program Code , Courses Enrolls ,

Program

enrolls

Student

Course

Has

Instructors

System Sequence Diagram:

Clerk : System

| \_\_\_\_\_\_\_SearchStudent(Student ID )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_🡪 |

| 🡨---------------Student------------------------------------------------- |

| \_\_\_\_\_\_ SearchProgram(Program Code) \_\_\_\_\_\_\_\_\_\_\_\_\_\_-🡪 |

| 🡨-----------------Program------------------------------------------------ |

| \_\_\_\_\_\_\_\_\_\_\_\_\_\_EnrollStudent (StudentID, ProgamCode) 🡪 |

| 🡨 --------------------ConfirmationMessage------------------------- |