A blue and white logo

Description automatically generated with low confidence

Lê Thanh Phương Nam

ITITWE19025

**Report lab 5**

**Use case 1: The New Student Enrollment Process**

1. **Activity Diagram**

**A picture containing text, indoor

Description automatically generated**

1. **State Diagram**

First, students need to take the National Examination. For students with results who can study at IU, they need to prepare documents and apply for admission. Next, the school will organize an enrollment session for students through invitations. After applying, the school will examine the application. If approved, student information will be saved and proposed to pay the first tuition fee. Submit your English certificate or take the English placement exam. To be placed in an appropriate English entrance class and a physical education class to start school.

**A picture containing chart

Description automatically generated**

**Use case 2: The student stand-downs/suspensions/ exclusions/expulsions process**

1. **Activity Diagram**

**A picture containing text, indoor

Description automatically generated**

1. **State Diagram**

First, students need to make a mistake. The first and second times will be informed and supported. The 3rd time will proceed to select the sanctioning method and notify the students.**Chart, box and whisker chart

Description automatically generated**

**Use case 3: The Graduation Application Process**

1. **Activity Diagram**

**Diagram

Description automatically generated**

1. **State Diagram**

First, the major office needs to have a list of students who can graduate after submitting the thesis results to the school. Next, if students do not owe tuition fees, they can submit a graduate application. After that, the will be checked profile information. If approved, an invitation letter will be sent to join the graduation ceremony.**Diagram

Description automatically generated**

**Use case 4: The Course Registration Process.**

1. **Activity Diagram**

**Diagram

Description automatically generated**

**Diagram, schematic

Description automatically generated**

1. **State Diagram**

First, the major office will take students' opinions about the number of subjects they want to register for. The school will then schedule students to register for the course base on the survey. However, only qualified students can apply for the course. Next is to check if the course is valid, then save it to the system. Next is to check the course has been approved, if it is approved, proceed to calculate the tuition fee

**Diagram, schematic

Description automatically generated**

**Use case 5: The Tuition Fee Payment Process**

1. **Activity Diagram**

**Diagram

Description automatically generated**

**Diagram

Description automatically generated**

1. **State Diagram**

First, the courses must be registered. After that, the school will update the tuition fee for students to pay. After students pay tuition fees, they will be notified and updated with their outstanding balance. If the student is still in debt, they must continue to pay tuition fees.A picture containing text, sky

Description automatically generated

**Use case 6: The Grading Process for students**

1. **Activity Diagram**

**Diagram

Description automatically generated**

**Diagram

Description automatically generated**

1. **State Diagram**

First, Students must take the exams of the subject. Exams will be randomly graded. After that, the score will be sent to the lecturer in charge for students to feedback. If the score is wrong, will be remarked. If no doubt, it will be recorded and be updated with all other scores in class & distribution percent. Finally, the school will update students' final assessment results.**Diagram

Description automatically generated**