  L1 sp23

Q1:

Software Requirements Specification

for

<FPT University Academic Portal - FAP>[Student must replace this line by the name of project in the exam paper] (0.2 point)

Version 1.0 approved

Prepared by

<Nguyen Hoang Dat – SE170330 >[Student must replace <author> by your full name and studentID] (0.2 point)

<FPTU Ho Chi Minh>[Student must replace this line by the name of the FU Campus you take the exam] (0.2 point)

<20/03/2024> [Student must replace this line by the date you take the exam] (0.2 point)

Q2:

<Answer Q2 by drawing 1 use case diagram that reflect this exam paper and copy and then paste the image of that use case diagram here >A diagram of a diagram

Description automatically generated

Q3: <Answer of Q3 by fill the content to below table that reflect this exam paper>

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | (0.1 point) UC – 1: Register the courses. | | |
| Created By: | (0.1 point) (HCM K17) Nguyen Hoang Dat. | Date Created: | (0.1 point) 20/3/2024. |
| Primary Actor: | (0.2 point) Student. | Secondary Actors: | (0.2 point) Course Registration System. |
| Trigger: | (0.3 point) Student want to register courses to learn in the upcoming semester. | | |
| Description: | (0.1 point) Student enter to FAP System and register courses | | |
| Preconditions: | 1. Students have completed the courses prerequisite subjects (0.3 point) 2. Student’s timetable does not overlap. | | |
| Postconditions: | 1. Student has timetable of the courses in next semester. (0.3 point) Describe the things must be done after the actors interact with this use case. 2. Student notification system to pay fees. | | |
| Normal Flow: | 1. Student login FAP (0.7 point) Describe the sequence of steps in normal case that must be performed by the actors or the system responses. 2. Student chooses course registration. 3. Student chooses courses want to register. 4. Student selects schedule. 5. Submit register courses. | | |
| Alternative Flows: | 1. Student login FAP (0.7 point) Describe the sequence of steps in different case that can be performed by the actors or the system responses. 2. Student enters Register to improve mark. 3. Student selects courses that want to improve. 4. Student selects schedule. 5. Submit register courses. | | |
| Exceptions: | 1. Student has overlap, select another schedule (0.3 point) Describe the sequence of steps that can be handle or implement when there are any exceptions. 2. Courses classes are full, select another courses. 3. … | | |
| Priority: | (0.1 point) High priority. | | |
| Frequency of Use: | (0.1 point) Student register courses at least 4 per semester. | | |
| Business Rules: | (0.2 point) All things in software related to data. The business rules should be specific so that can be design and coding. | | |
| Other Information: | (0.1 point) may be describe the quality here for more info. | | |
| Assumptions: | (0.1 point) The assumptions about the data related to this use case. | | |

**Q4:** <The answer of Q4 must have detail and specific in number of 2 non-functional requirements>

* FAP can handle at least 1000 access at a time. Earlier user access can continue doing their works.
* FAP