 E:\TeachingOldM\Android All\code_examples\androidhtp2_examples\eclipse_projects\FlagQuiz\assets\Asia\Asia-South_Georgia.png L1 FA23

Q1:

Software Requirements Specification

for

FU Project Bank (FUPB) Website

Version 1.0 approved

Prepared by

<author>[Student must replace <author> by your full name and studentID] (0.2 point)

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

<date created> [Student must replace this line by the date you take the exam] (0.2 point)

Q2:

<Student must replace this line, 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 >

Q3:

< Student must replace this line, answer of Q3 by fill the content to below table that reflect this exam paper>

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | (0.1 point) the UC – 1 UC-1 | | |
| Created By: | (0.1 point) The name of your email account. | Date Created:14/11/2023 | (0.1 point) The date you take the exam. |
| Primary Actor: | <Student> | Secondary Actors: <Teacher, Admin> | (0.2 point) The name of actor that use the data of the primary actor. |
| Trigger: | Student initiates the proposal of a new software project idea. | | |
| Description: | Allows students to propose their own ideas for software projects. | | |
| Preconditions: | 1. 1. The student is logged into the FUPB website. 2. 2. It is the specific semester for SWP391 course. | | |
| Postconditions: | 1. 1. The proposed project is added to the FUPB system. 2. 2. The idea can be approved or rejected by the teacher. | | |
| Normal Flow: | 1. 1. Student logs in and navigates to "Add Project" section. 2. 2. Student provides project details. 3. 3. Student submits the project for approval. | | |
| Alternative Flows: | 1. Teacher rejects the project proposal. | | |
| Exceptions: | 1. Network failure during submission | | |
| Priority: | High | | |
| Frequency of Use: | Moderate | | |
| Business Rules: | All project details must be valid and comply with the course requirements. | | |
| Other Information: | The quality of the project proposal may affect its approval. | | |
| Assumptions: | Students have valid @fpt.edu.vn email accounts. | | |

**Q4:**

a. The most important non-functional requirement:

- Performance: The FUPB system should be able to handle a simultaneous submission of at least 100 project proposals without significant lag. This ensures that the system performs efficiently even during peak times.

b. The second important non-functional requirement:

- Security: The FUPB system should implement encryption to secure user data, ensuring that student project ideas and personal information are protected from unauthorized access.