Information System Design

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1. Course Description

The design is important and necessary to develop the system of the high quality. We lean about series of design processes and analysis techniques to develop information systems.

This class is related to DP4C.

2. Course Objectives

1.Students will be able to analyze customer needs and can grasp it.
Students will be able to make their own system proposal.
2.Student will understood how to make a requirement definition document.
3.Students will be able to make a external and internal specification.
4.Students will be able to make a specification which were conscious of a reader.

3. Grading Policy

Students will be evaluated based on the following rate: subjects 50%, term-end examination 50%. Learners who received evaluation over the total of 60% will pass this course.

4. Textbook and Reference

Textbook
伏見　正則著　最新　情報システムの開発
ISBN978-4-407-30957-7　実教出版

5. Requirements(Assignments)

This class is a required subject of JABEE　program. This class is related to learning attainment target 6-1.

6. Note

7. Schedule

[1]	Introduction
[2]	Request For Proposal
[3]	System proposal
[4]	Requirement analysis
[5]	Requirement analysis (Use Case Diagram)
[6]	Requirement analysis (Use Case Description)
[7]	Outside specifications
[8]	Data F low Diag ram
[9]	Internal specifications
[10]	Internal specifications (Data Design)
[11]	Internal specifications (Behaiver Design)
[12]	Program specifications
[13]	Program specifications (Module splitting)
[14]	Program specifications (Sequence diagram)
[15]	term-end examination　・Summary