

CIS 210 – Assignments and Rubrics

Assignment 2: Use Cases

Due Week 4 and worth 100 points

As an intern software developer for a retail bank, you have been tasked with developing use cases to support the ATM service.

Prepare a 5-6 page paper in which you:

1. Describe (in a one to two (1-2) page narrative) a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.
2. Illustrate the use case using Visio or a similar product.
3. Describe (in a one to two (1-2) page narrative) a use case dependency for making an account deposit. Illustrate this use case with Visio or a similar product.
4. Describe (in a one to two (1-2) page narrative) a use case dependency for making an account transfer. Illustrate this use case with Visio or a similar product.
5. Identify and explain at least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.
6. Research and cite at least three (3) authoritative academic sources.

Your assignment must follow these formatting requirements:

- Be typed, double-spaced, using Times New Roman font (size 12), with one-inch margins on all sides; citations and references must follow APA or school-specific format. Check with your professor for any additional instructions.
- Include a cover page containing the title of the assignment, the student's name, the professor's name, the course title, and the date. The cover page and the reference page are not included in the required assignment page length.
- Include charts or diagrams created in Excel, Visio, MS Project, or one of their equivalents such as Open Project, Dia, and OpenOffice. The completed diagrams/charts must be imported into the Word document before the paper is submitted.

The specific Course Learning Outcomes associated with this assignment are:

- Summarize the various requirements modeling techniques.
- Create a use case based on relating functional requirements.
- Analyze and articulate ethical, cultural, and legal issues and their feasibilities among alternative solutions.
- Use contemporary CASE tools in process and data modeling.
- Use technology and information resources to research issues in systems analysis and development.
- Write clearly and concisely about Systems Analysis and Development topics using proper writing mechanics and technical style conventions.

Grading for this assignment will be based on answer quality, logic / organization of the paper, and language and writing skills, using the following rubric.

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Points: 100	Assignment 2: Use Cases				
Criteria	Unacceptable Below 60% F	Meets Minimum Expectations 60-69% D	Fair 70-79% C	Proficient 80-89% B	Exemplary 90-100% A
1. Describe (in a one to two (1-2) page narrative) a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM. Weight: 15%	Did not submit or incompletely described a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.	Insufficiently described a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.	Partially described a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.	Satisfactorily described a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.	Thoroughly described a use case, complete with typical and alternate courses, that documents the event of a bank customer withdrawing money from an ATM.
2. Illustrate the use case, using Visio or a similar product. Weight: 15%	Did not submit or incompletely illustrated the use case, using Visio or a similar product.	Insufficiently illustrated the use case, using Visio or a similar product.	Partially illustrated the use case, using Visio or a similar product.	Satisfactorily illustrated the use case, using Visio or a similar product.	Thoroughly illustrated the use case, using Visio or a similar product.
3. Describe (in a one to two (1-2) page narrative) a use case dependency for making an account deposit. Illustrate this use case with Visio or a similar product. Weight: 20%	Did not submit or incompletely described a use case dependency for making an account deposit. Did not submit or incompletely illustrated this use case with Visio or a similar product.	Insufficiently described a use case dependency for making an account deposit. Insufficiently illustrated this use case with Visio or a similar product.	Partially described a use case dependency for making an account deposit. Partially illustrated this use case with Visio or a similar product.	Satisfactorily described a use case dependency for making an account deposit. Satisfactorily illustrated this use case with Visio or a similar product.	Thoroughly described a use case dependency for making an account deposit. Thoroughly illustrated this use case with Visio or a similar product.
4. Describe (in a one to two (1-2) page narrative) a use case dependency for making an account transfer. Illustrate this use case with Visio or a similar product. Weight: 20%	Did not submit or incompletely described a use case dependency for making an account transfer. Incompletely illustrated this use case with Visio or a similar product.	Insufficiently described a use case dependency for making an account transfer. Insufficiently illustrated this use case with Visio or a similar product.	Partially described a use case dependency for making an account transfer. Partially illustrated this use case with Visio or a similar product.	Satisfactorily described a use case dependency for making an account transfer. Satisfactorily illustrated this use case with Visio or a similar product.	Thoroughly described a use case dependency for making an account transfer. Thoroughly illustrated this use case with Visio or a similar product.
5. Identify and explain at least one (1) ethical issue that the use case	Did not submit or incompletely identified and	Insufficiently identified and explained at	Partially identified and explained at	Satisfactorily identified and explained at	Thoroughly identified and explained at

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exposes in connection with the development or use of the ATM system. Weight: 15%	explained at least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.	least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.	least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.	least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.	least one (1) ethical issue that the use case exposes in connection with the development or use of the ATM system.
6. Clarity, writing mechanics, and formatting requirements. Weight: 10%	More than 8 errors present	7-8 errors present	5-6 errors present	3-4 errors present	0-2 errors present
7. Research and cite at least three (3) authoritative academic sources. Weight: 5%	No references provided	Does not meet the required number of references; all references poor quality choices.	Does not meet the required number of references; some references poor quality choices.	Meets number of required references; all references high quality choices.	Exceeds number of required references; all references high quality choices.