

Homework 1 for CSE 216:

Inception Artifacts for a new ATM Machine

Due date: Jan 26th (Monday) 10am in BlackBoard.

Your task is to write a vision and scope document and a use-case document for a new ATM machine.

1 Vision and Scope (10 points)

For the vision and scope document, you may use the Wiegers template as a guide with any necessary modifications. The requirements should come from your everyday experience using ATMs plus a little creativity, with particular attention paid to the following issues/areas:

- Make sure you describe each category of user. What other users are there besides the customers making deposits and withdrawals? What about maintenance workers?
- How will the ATM accommodate special needs (blind, deaf, etc) users?
- Why do you intend to develop a new ATM machine? How will it be better than existing ATMs? Use a little creativity here.
- Leave out any sections of the template that are not necessary for this project.
- Document all the features of the ATM.
- Include a “casual” version (see pg. 66 of the textbook) of the “Withdraw Cash” use case.
- Include some discussion of the interface with the computer back at the bank.

2 Use cases (10 points)

Write out a fully dressed use case for the “Withdraw Cash” use case for an ATM machine.

Instructions. Write out a fully dressed use case using the format described on pp 67-72 of our text. Include all the sections listed on pp 67-68. Make sure you include:

1. at least three stakeholders and their interests
2. at least two extensions/alternate scenarios, in addition to the main success/happy path scenario.
3. at least two special requirements.
4. at least two miscellaneous issues.

You may use any “reasonable” conception of an ATM machine as your model; feel free to be creative. Make sure you include all the steps/actions a user would normally take in the main success and alternate scenarios.

3 Submission details

Write up your documents in the word processor of your choice. Make sure to include your name and date at the top of the documents. Submit your documents electronically in Blackboard.