SE 3K04/3M04 Lab 7: (Fall 2007)
Implementation of ABM Components
Instructor: Dr. Kamran Sartipi

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1 Lab Overview

Lab 7 is the first stage in your implementation and testing process. So far, you have gathered requirements and prepared several levels of architecture design documents for your ABM system. The purpose of this lab section is to provide you with the required support to begin your programming tasks. The beginning of the lab should be devoted to setting rules and guidelines to be followed within your group, allocating tasks, and perhaps, choosing a "program manager". You will also have to decide on the timeline and deadlines for both, the implementation and testing of your system. The remaining of the lab should be devoted to starting your coding tasks.

Through this laboratory session you shall be able to achieve the following objectives:
1. Obtain a better understanding of the development process in the software project life cycle.
2. Sharpen your skills in Java programming.
3. Implement an Automated Banking Machine system based on the low level design documents.

1 Lab Requirements

In the lab, the TAs will discuss a simplified ABM high-level Component Diagram that is based on a simplified SRS document; along with the operations and interfaces for each component in the ABM Component Diagram. These documents that are available through the link for Lab7 in the course web page, provide a common basis for all groups to code for a similar design and component interfaces.

Before leaving the lab you will have to provide the TA with the following information in a written/printed form:

- Group Name/Number
- Names of the group members
- Tasks allocated to every group member

<u>Deliverables:</u>
- An Interim Progress Report
- A hard copy of your code on disk/floppy (The code may still be not complete)

The Interim Progress Report should include the following items:
- A title page in a format similar to the one you used so far in your requirements and design documents.
- A complete list of tasks and their allocation to group members.
- A timeline for your project (GANTT chart).
- A list of completed tasks.

During Lab 8, your group will present the interim progress report and the hard copy of the code to the TA. The TA will be allocating marks based on the following criteria:
1. Group progress.
2. Knowledge and understanding of the code.

GOOD LUCK!