College of Charleston
Department of Computer Science
CSCI 602 Foundations of Software Engineering
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Dr. Jim Bowring

Midterm Examination – Take Home

Submit your completed exam as a single PDF by EMAIL to bowringj@cofc.edu or bowring@gmail.com with the subject line "CSIS602-MIDTERM" by midnight Friday, Oct 12, 2007. You may scan hand-written documents into your submission. If you submit a question by email, I will answer to the whole group.

This exam consists of one problem.

Consider these requirements for a **newspaper delivery system:**

This system is intended to manage the delivery of newspapers and magazines in some small town or area of a larger town. It is intended for use by newsagents who are only casual users of computer systems and should run on a PC or similar hardware. Factors which should be taken into account in specifying this system are:

1. For each delivery person, the system must print, each day, the publications to be delivered to each address.
2. The system should also print, for the newsagent, a summary of who received what publications each day.
3. Once a month, bills are delivered to customers along with their newspapers. These bills should be computed automatically by the system.
4. Customers come and go and may be away temporarily on holiday or on business.
5. Not all customers necessarily have a delivery every day.
6. The system should be able to manage some simple geographic information so that it prints information for the delivery person in the order in which publications are delivered.

Your job is to produce a software requirements document. It should include each section as detailed on page 139 of the text, except the Index. You have the user requirements definition above, although you may elect to expand the list. I recommend that you spend no more than 3 hours on this. I am interested in your command of the material we have studied more than I am in whether you thought of every detail in the system.