Software Engineering 3 Assignment (40%) –

Develop User Stories

A newspaper delivery system – brief description of what is required

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 and designing this system are:

- For each delivery person, the system must print, each day, the publications to be delivered to each address.

- The system should also print, for the newsagent, a summary of who received what publications each day.

- Whether the newspapers and magazines are in stock.

- Once a month, bills are delivered to customers along with their newspapers. These bills should be computed automatically by the system.

- Customers come and go and may be away temporarily on holiday or on business.

- Not all customers necessarily have a delivery every day.

- 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.

Assignment Details:

1. You shall work as part of a collaborative group to which you are assigned.
2. You and your group are required to choose and implement an appropriate Software Development Lifecycle to <u>plan</u> and <u>manage</u> the <u>specification</u>, <u>design</u>, <u>development</u>, and <u>testing</u> of the newspaper delivery system. Development requires the proper use of a Version Control System.
3. Marking Scheme:
   a. Proper employment of chosen SDLC – 8%
   b. Specification of system – 8%
   c. Design and Development – 8%
   d. Testing (Strategy, design, and execution) – 8%
   e. Executable System – 8%

Due Date: Week 12