**Software Quality Assurance Exercise**

**Context**: IT graduates need to have technical and problem solving skills to visualise, specify and build innovative and quality solutions to complex problems. Software Development is a profession and it’s essential to realise that there is a professional context to work and SQA is of paramount importance in this respect. There is change and evolution in terms of what constitutes a modern SQA environment and different organisations can be at different stages in terms of their environment. The changes to what constitutes SQA results from factors such as: ideas and research on SQA, technical innovations in relation to SQA such as DevOps and changes to the nature of the software systems we are building e.g. IOT, big data etc. Currently there is broad consensus in terms of what constitutes modern SQA environments.

At the onset of your professional career it’s important to have a good understanding of what constitutes modern SQA environments. Demonstrate your understanding of this by writing a white paper (2 to 3 page synopsis) outlining your views and opinions and appropriate supporting information based on the material and resources in the SQE module and your own research.

You should cite approx. three references in support of your argument and list the references at the end and the audience for the deliverable is IT management, IT project managers and senior developers.