SCHOOL OF COMPUTING

CS4344 NETWORK AND MOBILE GAMES

CS4344: LAB EXERCISE 5

Note: After completion upload the ZIP/RAR file containing the complete project directory to IVLE (lab5-M3G). This is a graded LAB. Submissions should be done by 06/10 FRI 5 PM.

Note: Part 2 of the lab exercise will be announced during this LAB session (not same for Wednesday and Thursday batches).

1. Retained Mode: Develop an application to load a 3D model from an m3g file and to play the animation defined in the file. You may use Blender to create a 3D model (and export it to m3g) or use the samples coming with Wireless Tool Kit 2.5.
2. Immediate Mode (Part 2): Download the Lab5 sample code which rotates a Triangle in 3D with culling. Modify the application to rotate a _____<part 2>____ in 3D instead of Triangle and remove culling.

   Reference:
   i.   Slides and Sample Codes in the course website.
   ii. http://forum.nokia.com
   iii. http://www.benhui.net
   iv. http://developer.sonyericsson.com

Additional works (not graded):

3. Develop a 3D splash screen for your Project.
4. Immediate Mode: Download the Lab5 sample code which rotates a Triangle in 3D with culling. Modify the application to replace the Triangle with a 3D cube and remove culling.