Project Number	TQP112
Project Title	Physics for Ecosystem
Project Description	Most of the outdoor games today have a huge environment in which the eco system becomes one of the most important components that can drastically improve the quality of the scene. Currently, the eco system rendering is still a big problem due to the massive number of objects making ecosystem physics simulation an even worse problem. Some components of the eco system like trees do have a very cheap physics model, but shrubs, grass normally don't include any physics simulation.  The aim of this project is to create a framework that can simulate a huge eco system with believable physics model to improve player's experience.  Some goals of the project are:  - High density foliage and debris
	- Procedurally distributed on the fly
	- Believable physics simulation (can interact with vehicles, wind)
Hardware/Software/Re	- <a href="http://www.vterrain.org/Plants/">http://www.vterrain.org/Plants/</a> (all about eco system)
ferences	- http://www.antisphere.com/Research/Forest.php (rendering)
	- <a href="http://www.essentialmath.com/tutorial.htm">http://www.essentialmath.com/tutorial.htm</a> (for physics)