# 10. Development Environment and Production Environment

## 10.1 Development Environment

Computer #1 – Mac

* iMac
* Model Identifier: 12,1
* Mac OS X Lion 10.7.5 (11G3b)
* 21.4 inch (1920 x 1080 display)
* AMD Radeon HD 6750M 512 MB graphics
* Intel Core i5 (2.5GHz)
* 4 GB Memory
* 500 GB SATA Disk

Computer #2 – **PC**

* OptiPlex 760
* Windows Vista Enterprise
* Dual Dell Screens
  + Dell 2208WFP (1680 x 1050 display)
  + Dell 1908FP (1280 x 1024 display)
* Intel Core Duo CPU (2.93 GHz)
* 4 GB Memory
* 300 GB SATA Disk

Server

* Hostname: oraserv.cs.siena.edu
* CentOS 5.2 (final)
* Kernel: 2.6.18-92.el5
* Intel Xeon 2.66 GHz CPU
* 8 GB of Memory
* Java SE Runtime Environment (build 1.6.0 10-rc-b28)
* GCC Version 4.1.2 20071124 (Red Hat 4.1.2-42)
* Python 2.4.3

## 10.2 Operating Environment

Quantum Technologies will be using a web based application located on Siena College’s oraserv database server. PRISM will consist of an Oracle database with an Apache Web server.

## 10.3 Maintenance

A bulk of the maintenance will be done in the security of the Software Engineering lab with the appropriate applications. These applications include, but are not limited to programs such as Oracle SQLDeveloper, Adobe Photoshop, Dreamweaver and Notepad++ as well as internet browsers such as Google Chrome, Internet Explorer, Safari and Mozilla Firefox.