1.0 Introduction

The purpose of this validation describes verification requirements of the project. These include an overview of inspections, test planning for individual components of the project.

2.0 Inspections

After the design of module completed, the design description should be immediately reviewed. It includes the analysis of use cases, whether the designed functions meet the user’s requirements. Also the whole software architecture and security factor are concerned. After implementation of specific modules, we have moved on to code inspections. This part would mainly focus on logic error and potential performance issues, which should be done in pair every week. The coding style should match the organization standard. Each review feedback is given to a specific author.

3.0 System test plans and procedures

* Testing process:

Write test programs to test each module and unit of the system

* Test recording procedures:

Trac would be used to manage the test, testers issue the bug ticket, and corresponding developer would need to fix the bug, and then close the ticket. When the percentages of each tested component are all 100%, the whole test is done.