Team Quarks

CMMI Level 2 Compliance Report

	Configuration Management	Our Implementation
SG 1	**Baselines of identified work products are established.**	Review of requirement specification from the end user was conducted.
SG 2	**Changes to the work products under configuration management are tracked and controlled.**	We use MediaWiki for documentation and presentation purposes. On our team wiki, versioning of files takes place. A file upload history is maintained on wiki. We will use BitBucket as a code repository and every change to any file will be recorded. This will be used for source code management.
SG 3	**Integrity of baselines is established and maintained.**	SRS has been reviewed by the end user to ensure all the requirements and the functionalities that fulfill those requirements are properly documented for later reference.

	Project Monitoring and Control	Our Implementation
SG 1	**Actual project performance and progress are monitored against the project plan.**	Every week, the group sits with the mentor for a team review meeting, in which we monitor our progress in the past week and one of us records Minutes of Meeting, which act as a reference, for the next meeting.
SG 2	**Corrective actions are managed to closure when the project's performance or results deviate significantly from the plan.**	Work is assigned by Project Manager to each member of the team on the basis of the action items mentioned in Minutes of Meeting, so that all errors that come up during the review, can be rectified.

	Project Planning	Our Implementation
SG 1	**Estimates of project planning parameters are established and maintained.**	The Project Manager has made a work breakdown structure, splitting the entire project into smaller subtasks.
SG 2	**A project plan is established and maintained as the basis for managing the project.**	On the basis of WBS, and inputs from the development team and QA Team, he has made a Project Plan and a Gantt chart, which would help the project manager organize the project and assign tasks so that we meet the deadlines set for the project.
SG 3	**Commitments to the project plan are established and maintained.**	The team members have been made aware of the project plan and the deadlines that each branch (development and Quality) needs to adhere to. Inputs from the team members helped the Project Manager make the project plan more realizable.

	Verification	Our Implementation
SG 1	**Preparation for verification is conducted.**	• The Lead Developer would initiate unit testing. • One of the developers would perform unit testing and document all bugs.
SG 2	**Peer reviews are performed on selected work products.**	• The bugs documented during the unit testing will be discussed. • Relevant parts of code will be reviewed in the development team meeting, and members would give their feedback on possible corrective measures.
SG 3	**Selected work products are verified against their specified requirements.**	• The development team refers to the SRS during unit testing. • The development team ensures all requirements committed in the SRS are met.

	Requirement’s Management	Our Implementation
SG 1	**Requirements are managed and inconsistencies with plans and work products are identified.**	• The NGO committed to providing transport facility for collection. The Team members were consulted by the project manager while making the project plan. • Traceability exists between Use case description, class diagrams and corresponding sequence diagrams. • Each test case will be traceable to a requirement.