

Software Quality Assurance

(Version 1.0)

Team-5

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1. Introduction

1.1 Purpose

The purpose of this document is to make sure that the project is being managed, developed, and deployed in such a manner that it adheres to the standards and quality promised to the customer(s). It describes the strategy, policies followed and methods to make sure of the above mentioned point.

1.2 Scope

This section of the document mentions as to how this document will help us to manage the quality, meets standards.

The team assumes that the use of this document will make sure that

- a. Software development, deployment, management standards are followed.
- b. Proper documentation is done so as to verify and validate and thus maintain the quality of the software.
- c. Results of review meetings and corrections are reflected in the corresponding deliverables.
- d. Test results are adhered to acceptance standards.

1.3 Background

The team's primary objectives are:

- a. To provide DA-IICTians with SMS notification for each mail (and other services

Such as appointments, calendar events etc.) they receive/have on their webmail.

- b. To provide the notification in timely manner, without which the project has no advantages.
- c. To provide the notification for nominal charges.
- d. To make the 'information spreading' a smooth process.

2. Quality Checkpoints

As previously mentioned in monitoring & controlling mechanisms, review meetings would be held. To assure the best in quality, it is decided that there would be Quality Checkpoints after development of each deliverable.

The changes suggested in the review meeting should be incorporated immediately depending on the unanimous decision of the team. The deliverable would be then changed by the author/developer of the deliverable accordingly. A Quality Control Manager (QCM) would be appointed who would make sure that the suggestions made are incorporated timely & correctly before deadline. A Quality Control team of 2 members would assist the Quality Control Manager in his/her work. It is planned that a review suggestion list would be made, which would contain the details of every review meeting, and mentions the suggestions accepted as well as rejected, along with the names of the members, so that the origin of a change can be traced back. Moreover, since the end product is a software code, the QCM will make sure that the team does not violate any rights associated to the use of any particular piece of software/code (so that the user doesn't have any legal problems in future) and the code is made according to Standard code Conventions. If possible the team would try to contact the customer(s) from time to time for the timely reviews from their part also. (Dependant on client side)

3. References

- a. SRS Version 1.0
- b. Monitoring, Controlling & regulating Mechanisms

4. Staffing

The QCM is the chief person of concern in this area. Along with QCT (Quality Control Team), he/she will closely work in close association with the engineering team to define the quality control measures.