P.L.B. Sampath(100476M)

<RemindMe>
Quality Assurance Plan

Version <1.0>

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Quality Assurance Plan

1. Introduction

The introduction of Quality Assurance Plan provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this Quality Assurance Plan.

1.1 Purpose

Purpose of this document is providing the details of how the quality of the project "RemindMe" is measured at the end of each iteration.

1.2 Scope

The project - "Remind Me".

2. Quality Objectives

The product must meet all the requirements discussed in software requirement specification document.

3. Documentation

The minimum documentation that must be produced during the project to ensure that the software product that is developed satisfies the requirements includes,

- *Vision document*
- *Software Development Case*
- *Software Requirement Specification*
- *Software architecture document*
- *Risk list*
- *User manual*

4. Stands and guidelines

- *RUP stands*

5. Metrics

Metric	**Purpose**	**Sample measurement**
Quality	For measuring the quality of the project	Unit test pass rate
Progress	For checking if the time constraints are met	Checking if the schedule is followed
Security	For remove security vulnerabilities	Reports from vulnerability scanners

6. Review and Audit Plan

- *Requirements Review*
- *Architecture Review*
- *Design Review*
- *Process Review*

7. Tools, Techniques, and Methodologies

7.1 Tools

- *PHPUnit*
- *JUnit*
- *Eclipse IDE*
- *OpenProj*
- *Visual Paradigm*
- *Selenium*

7.2 Techniques

- *Unit testing*
- *Component testing*
- *Alpha, Beta testing*
- *Stress testing*

7.3 Methodologies

- *Rational Unified Process*

8. Training

- *Google calendar API*
- *Android*
- *Object oriented way of PHP*
- *Web application security*

9. Risk Management

Time constraints will be handled by following the schedule strictly.