

1 Introduction

A Software Design Document (SDD) is an representation of a software design that is to be used for recording design information, addressing various design concerns.

SDDs help us in analyzing problems during development and maintenance of software systems. A design description contains the design information needed by stakeholders.

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2 Overview

2.1 Scope

A SDD is a representation of a software design used for communicating information related to design to stakeholders.

2.2 Purpose

A software design document specifies the requirements for the selection of design languages and requirements needed for documentation.

2.3 Intended Audience

This document will be referred by Developers and tester later during implementation of the system based on proposed design.

2.4 Tools required

Dia: For drawing ER diagram, UML diagram

3 Design Description

3.1 SDD Identification

- Date of issue and scope
- Reference
- Context
- Summary
- Glossary

4 Design Overview

4.1 Approach

The application will implement the following functionalities

- User will have their own account
- User will get notified based on their interest
- User can comment on posted event
- User can create or delete events

4.2 Hardware requirement

The user only requires a smartphone with internet access to use the application

4.3 Software requirement

We are using Firebase as a database for backend development. We would be using Android Studio for developing Application.

References

- [1] IEEE Standard for Information Technology Systems Design Software Design Descriptions ,2009.