SOFTWARE REQUIREMENTS SPECIFICATION

(SRS

DOCUMENT)

For

<MESSAGING SOFTWARE>

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1. INTRODUCTION

Messaging software is a mobile or desktop app that allows individuals to communicate with each other through sending and receiving of messages. It allows reading, organizing and replying to messages as well as sending messages.

1.1 PURPOSE

The purpose of this document is to outline the different analysis, requirements, and phases when building a messaging application.

Case Study: School Messaging Application

1.2 DOCUMENT CONVENTIONS

> *Student Accounts*
> *Password*
> *Message*

1.3 SCOPE

The purpose of the messaging application is to receive, read, compose and send messages from one student to another through the desktop interface.

2. OVERALL DESCRIPTION

2.1 PRODUCT FEATURES

The major features of the messaging application is as shown below:
> *Our software system allows users to compose messages as per user requirements*
> *The message application comprises of an inbox receiving messages.*
> *The system provides a robust understanding of a messaging application and allows for efficient sending and receiving of messages.*

2.3 USER CLASSES AND CHARACTERISTICS

-User should have elementary computer knowledge and the knowledge of use
of Application.
- The user should know the details of its corresponding Student account.

2.4 DESIGN AND IMPLEMENTATION CONSTRAINTS

- ➢ *Text vs. design*
- ➢ *Design approach*
- ➢ *Responsive options*
- ➢ *Maintenance and collaboration*
- ➢ *Evolving your template*

2.5 ASSUMPTIONS AND DEPENDENCIES

- The system is having required configuration as well as Windows operating system

3. SYSTEM FEATURES (MODULES)

The System will allow access only to authorized users with specific
role. Depending upon the user role, he/she will be able to access only
specific module of the system.
- ➢ *User registration*
- ➢ *Login*
- ➢ *Sending messages*
- ➢ *Receiving messages*
- ➢ *Account integration*

4. EXTERNAL INTERFACE REQUIREMENTS

4.1 SOFTWARE REQUIREMENTS

- • Microsoft visio
- • Mysql

4.2 HARDWARE REQUIREMENTS

- • Processor: Minimum i3
- • Hard Disk: Minimum 5GB

- Memory: Minimum 1GB RAM

Advantages:

- The system is developed having high robustness and security.
- It also provides student identity protection.
- The system prevents unauthorized access of student's account through illicit means.
- Prevents hacking.

Disadvantages:

- Mismanagement of data.

Applications:

- The system can be used in any organization, institute for internal messaging purposes
- Any common individual can use it for sending, receiving of messages.
- The system can also be implemented over the Internet for public use (All through this project, we will focus on the desktop implementation only)