
Software Requirements Specification

for

Email Client

Prepared by Group 1

Intro To Software Engineering Lab

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1.Introduction

1.1.Purpose

To Create a emailing client to serve the purpose formulated from the lab.

1.2.Document Conventions

No current conventions.

1.3.Intended Audience and Reading

The intended audience for this program is the lab TA and anyone wanting to use an email client.

1.4.Product Scope

This is an email client that will be able to create and send emails, view emails, and forward emails.

1.5.References

No References used currently.

2.Overall Description

2.1.Product Perspective

This product can serve as an alternative option to any emailing system such as “Yahoo Mail” or “Gmail”.

2.2.Product Functions

The Email system will be able to create a user log in, send emails, receive emails, forward emails, view and send images, and send documents.

2.3.User Classes and Characteristics

Users will be differentiated from regular users and the administrators/admins.

2.4.Operating Environment

Possibly a desktop application and it can also be accessed by the users native browser.

2.5.Design and Implementation Constraints

None at the time.

3.System Features

3.1.System Feature 1

User classification

4.1.1 Description and Priority

Labels the user as an admin or non-admin

4.1.2 Stimulus/Response Sequences

The system will check upon login to see if the user is an administrator

4.1.3 Functional Requirements

TBD

3.2.System Feature 2 (and so on)

Sending and receiving emails

4.2.1 Description and Priority

The user will be able to receive and send emails at their convenience

4.2.2 Stimulus/response sequences

takes user input to take text and files to a certain address that is directly linked to another users account.

4.2.3

TBD

3.3 System Feature 3

Forwarding Emails

4.3.1

The user will be able to directly send already received emails to other users.

4.3.2

The system will take the already established email and create a copy of it the send in to another user while also giving information as to who forwarded the email.

4.Other Nonfunctional Requirements

4.1.Performance Requirements

Works on any modern web browser.

4.2.Safety Requirements

Comes with automatic backups.

4.3.Security Requirements

A password longer than 8 characters is required for the users safety.

4.4.Software Quality Attributes

Easy access and a non-complicated user interface.

5.Other Requirements

None noted at this time

Appendix A: Glossary

Appendix B: Analysis Models

Appendix C: To Be Determined List