Section 1: Introduction

* 1. Vision Statement

**Develop a web system to support book exchange in CSULA.**

* + 1. Software Purpose

**Support Student books exchange.**

* + 1. Software Scope

**Web Based System**

* + 1. Software Perspective

**None**

Title

1.2 Document conventions and definitions

1.3 Intended audience and Reading suggestions

**Familiar web bases system.**

1.4 References

Section 2: 0verall description

2.1 User characteristics

2.2 Operating environment

**Windows**

**Apache**

**Php**

**MySQL**

2.3 Design and implementation constraints

2.4 Database considerations

**MySQl, it is free software**.

2.5 Assumptions and dependencies

**NONE**.

Section 3: External interface requirements

3.1 Hardware interfaces

**none**

3.2 Software interfaces

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3.3 Communication interfaces

**http protocol**

Section 4: System functional requirements

4.1 System function 1

**The system shall have an administrator**

1. **The administrator shall be able to view the users.**

4.2 System function 2

The user shall be able to enroll into the system.

The user shall be able to insert their name and email into the system.

4.3 System function 3

The administrator can delete a name from the system

4.4 System function 4

The user can login to the system

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4.n System function n

Section S: Use case model

5.1 Use case diagram

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5.2 Use Case Description

5.2.1 Use Case 1

**The administrator can view all the users in the system.**

5.2.2 Use Case 2

Users can enroll in the system.

Users can insert their name and email in the system.

5.2.3 Use Case 3

Users can login to the system using their name and email

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5.2.n Use Case n

Section 6: Nonfunctional requirements

6.1 Performance requirements

6.2 Safety requirements

6.3 Security requirements

6.4 Software quality attributes

6.5 Business rules

6.6 User documentation

Section 7: Graphical User Interface

7.1 Introduction

7.2 GUI description(s)

Section S: Data Dictionary

8.1 Data Item 1

**Each user has a name and an email address.**

8.2 Data Item 2

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8.n Data Item n