Software Design Document

For

**Booking System**

**Version 1.0 approved**

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data | Reason for Change | Version |
| Draft | 2021/12/14 | First version | 1.0 |

# Introduction

## Purpose

This document provides a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. It is intended to capture and convey the significant architectural decisions which have been made on the system.

## Scope

87378

## Overview

Sadd

## Definition, Acronyms and Abbreviations

|  |  |
| --- | --- |
| Term | Definition |
| API | Abbreviation of Application Interfaces |
| UI | Abbreviation of User Interface |
| Database | It’s a system that is used to save data |
| MySQL | One of SQL databases |
| User | Normal user can raise or modify a meeting, but can’t create meeting rooms |
| Manager | Manager is one of users, but the manager can create or delete meeting room |
| Room | Corresponds to the space where the entity exists, so only one event can exist at the same time |
| Event | Corresponding to a period of time, may be meetings, teaching activities, etc.. |
| Attendee | Participants of the meeting, save email address to send notification |

## References

* [Software Architecture Document](https://moodle.ntust.edu.tw/mod/resource/view.php?id=424119)
* [Artifact\_Software Architecture Document](https://moodle.ntust.edu.tw/mod/resource/view.php?id=424118)

# System Overview

This document presents the architectural as a series of views; use case view, process view, deployment view, and implementation view. These views are presented as Rational Rose Models and use the Unified Modeling Language (UML).

# System Architecture

## Architectural Design

## Decomposition Description

1515

## Design Rationale

# Data Design

## Data Description

Gfhfg

## Data Dictionary

452

# Component Design

27542

# Human Interface Design

## Overview of User Interface

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## Screen Images

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## Screen Object and Actions

52345

# Requirement Matrix

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# Appendices

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