



# BOOK E-Commerce



# Electronic Calendar Tool

This document defines requirements for an electronic Calendar Tool. The tool provides functions to manage calendars for individual users as well as for groups of users. Individuals use the Calendar Tool to schedule appointments and to view their calendar information in a variety of useful ways. Administrative users can schedule meetings for groups of users.

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## INTRODUCTION

- This document defines and describes the functional and non-functional requirements for the SDMS. It will be use as the basis for the design phase and as a reference for development and validation stages.
- The intended audience of the SRS is primarily our customer Synergy Soft Inc, and all parties interested on the design and development of the SDMS.



- The overall objective of the Synergy Distributed Meeting Scheduler (SDMS) is to develop a customizable, decentralized system that allows individuals or organizations to easily, efficiently, and precisely schedule meetings in accordance with practical limitations of virtual and real-world meetings. The SDMS will be a web based application designed to support the meeting scheduling needs of an organization. It will not require a client based application; instead it will be accessible and conform to standard HTML Web Application practices. The SDMS will interface with and utilize third party resources to facilitate all of the users' meeting scheduling needs (e.g. database services, email communication, etc.).



## The Overall Description

### Product Perspective

- The SDMS is aimed towards organizations with frequent meeting scheduling, organization, and administration needs. The SDMS will facilitate meeting management for both traditional and distributed meeting styles to meet the needs of modern work environments.
- The SDMS will be a browser based web service application. The SDMS shall be accessible by any popular web browsers such as Internet Explorer, Firefox, Opera and Safari.



## The Overall Description

### Product Perspective

- The SDMS shall utilize third-party applications to facilitate its features. A database system will store and organize all existing meeting data. The SDMS will interface with the default mail client and/or specified mail server to facilitate inter-user communication. Rooms and equipment will be managed by a third-party property management system. The SDMS will interface with the property management system to schedule equipment availability.





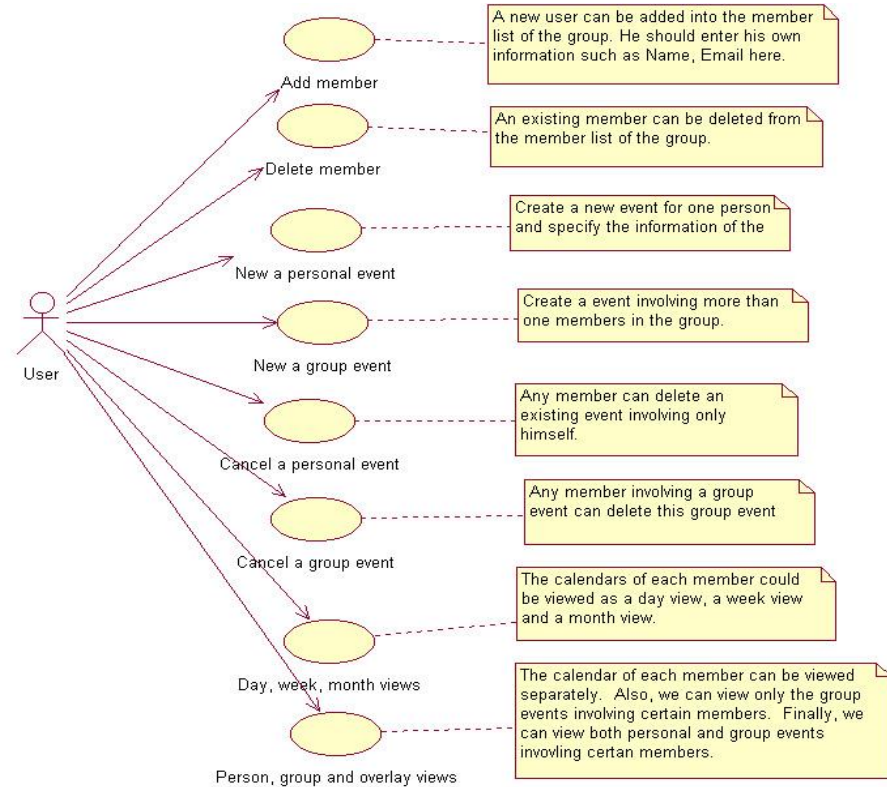
## Specific Requirements

1. **External Interface Requirements**
2. **Functional Requirements**
3. **Performance Requirements**
4. **Design Constraints**
5. **Software System Attributes**



# Modeling Requirements

## Use Case Diagram



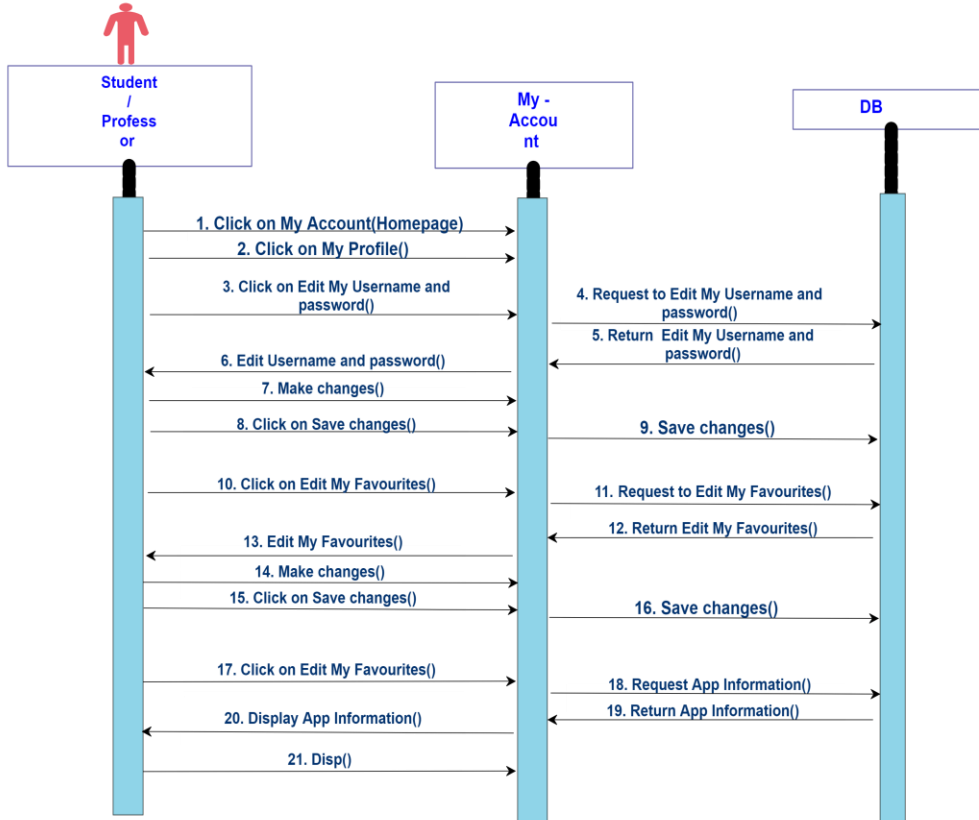


## Class Diagram



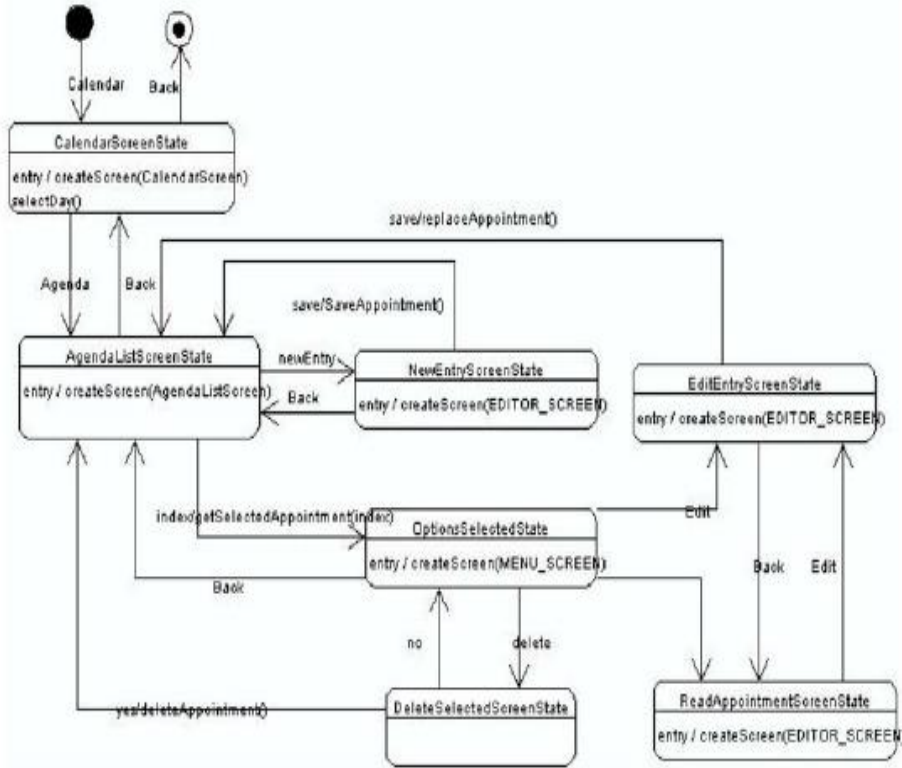
# Modeling Requirements

## Sequence Diagram



# Modeling Requirements

## State Diagram



*Lorem ipsum*



*<https://github.com/Malliakarjun>  
07/full-stack*



Thank  
you!

