

Object Oriented Design and Analysis Project Part 2

Name: Lindsay Walton

Title: Club Management System

Summary: A club management program that allows officers to keep track of members and officers. Users can create new events, create tasks, and assign tasks to officers/members so that they can track progress of the event.

1 Project Requirements:


General user requirements:

ID	Actor	Requirement
U1.0	User	User shall be able to log in.
U2.0	User	User shall be able to view members.
U3.0	User	User shall be able to view events.
U4.0	User	User shall be able to view tasks for events.
U4.1	User	User shall be able to view status of events (preparation complete).
U5.0	User	User shall be able to view active member status.
U5.1	User	User shall be able to view how many events he/she has attended.

Officer requirements:

ID	Actor	Requirement
O1.0	Officer	Officer shall be able to add a new member.
O1.1	Officer	Officer shall be able to add a new officer.
O2.0	Officer	Officer shall be able to create a new event.
O3.0	Officer	Officer shall be able to create a new task for an event.
O3.1	Officer	Officer shall be able to assign a task to a member.
O4.0	Officer	Officer shall be able to indicate that a member attended an event.
O5.0	Officer	Officer shall be able to view active member status of all members.

2 UI Mockups



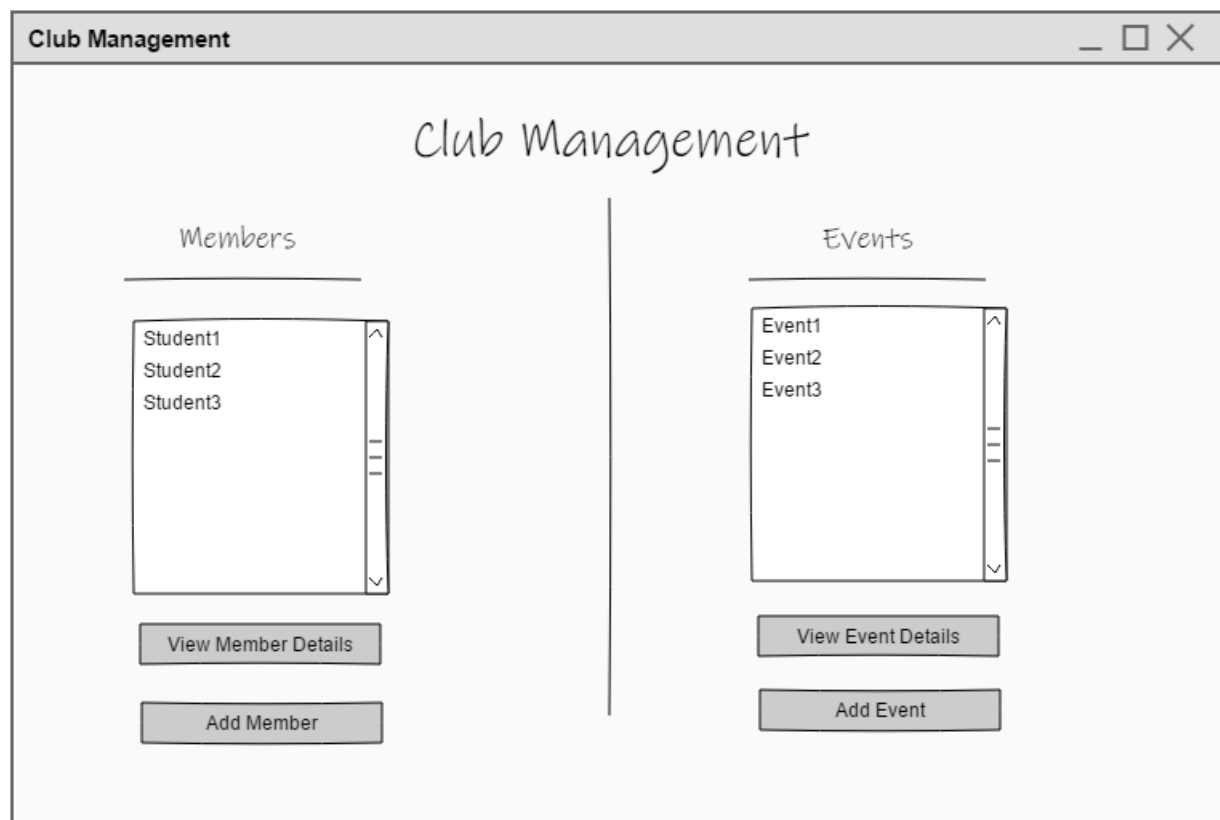
A window titled "Club Management" with a title bar containing standard window controls (minimize, maximize, close). The main content area features the title "Club Management" in a large, handwritten-style font. Below the title, there are two input fields: "Username:" with the text "student12" and "Password:" with a masked password "*****". A "Log in" button is positioned below the password field.

Club Management

Username: student12

Password: *****

Log in



A window titled "Club Management" with a title bar containing standard window controls (minimize, maximize, close). The main content area features the title "Club Management" in a large, handwritten-style font. Below the title, the interface is split into two columns by a vertical line. The left column is titled "Members" and contains a list box with three items: "Student1", "Student2", and "Student3". Below the list box are two buttons: "View Member Details" and "Add Member". The right column is titled "Events" and contains a list box with three items: "Event1", "Event2", and "Event3". Below the list box are two buttons: "View Event Details" and "Add Event".

Club Management

Members

Student1
Student2
Student3

View Member Details

Add Member

Events

Event1
Event2
Event3

View Event Details

Add Event

Club Management

Add New Member

Name:

Jane Doe

Year in School:

Sophomore

Officer?

☒

Position:

Secretary

Number of events attended:

1

Add Member

Club Management

Event 1

Name: Sample event

Date: XX/XX/XXXX

Preparation status: Not ready

View All Events

Tasks

Task 1 - complete - Member 1

Task 2 - incomplete - Unassigned

Task 3 - incomplete - Member 2

Assign Task to Member

Add Task

Club Management

Add/Edit New Event

Name:

Panel with Industry

Date:

10/31/2018

Tasks:

Invite industry sponsors

Notify members

Order pizza

Attendees:

Jane Doe (Officer1)

John Doe (Member2)

Add/Update Event

3 Class Diagram

