



CS251 – Software Engineering I

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CS251: Phase 2 – Team Name

Project: <Project Name>

Software Design Specification

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Screen 1 – XXX	Error! Bookmark not defined.
Screen 2 – YYY.....	Error! Bookmark not defined.
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Instructions [To be removed]

Team

ID	Name	Email	Mobi
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Document Purpose and Audience

This document describes the software requirements and specifications for an events social Network.
The document will be used in the design, implementation and management of the site.

The intended audience of this document are the project owner and the developers.

System Models

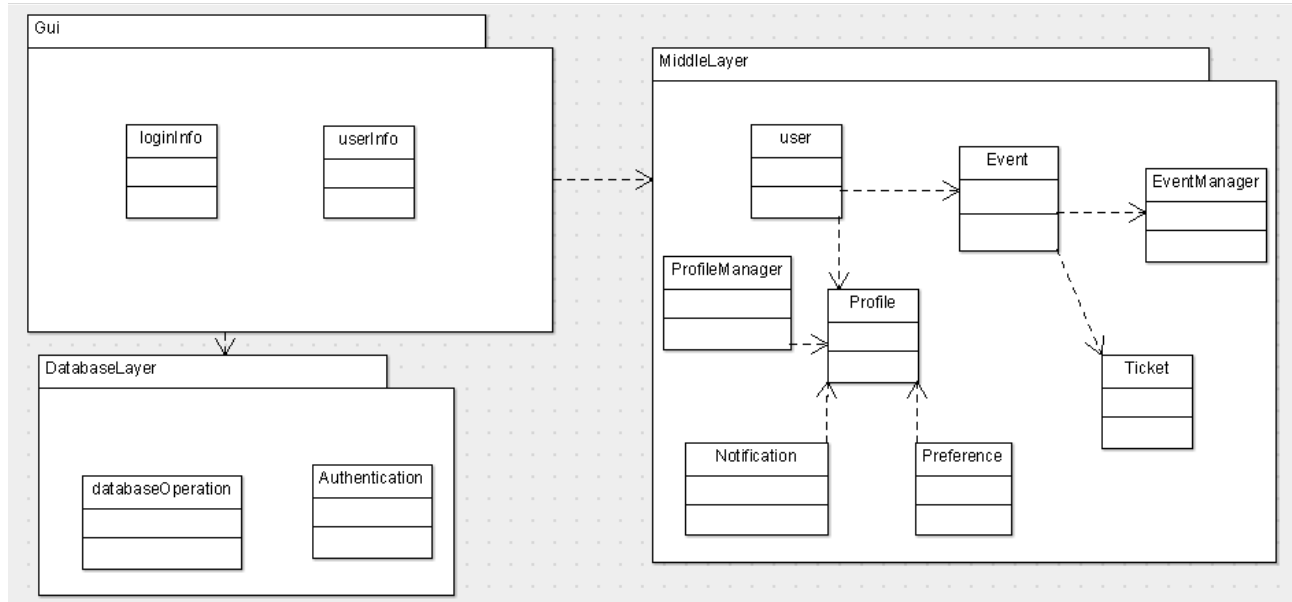
System Decomposition



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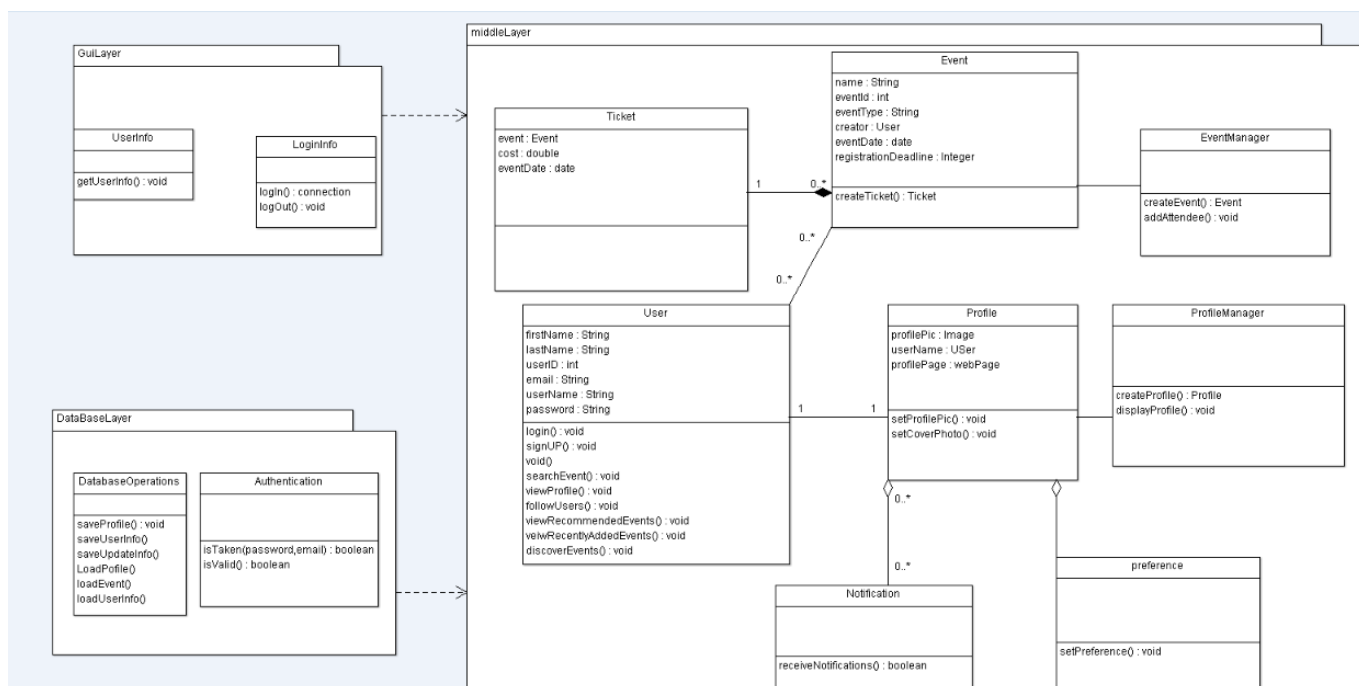
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Class diagrams

We have attached the argoUML diagram for clarity.





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Class ID	Class Name	Subsystem ID	Description
Class#1	User	MiddleLayer	This represents the user of the event site who could be a visitor, an event creator or an event attendee.
Class#2	Event	MiddleLayer	This is used to create events and manipulate them.
Class#3	Ticket	MiddleLayer	This creates a ticket for events that require buying of tickets .
Class#5	EventManager	MiddleLayer	
Class#6	ProfileManager	MiddleLayer	
Class#7	Preferences	MiddleLayer	
Class#8	Notifications	MiddleLayer	
Class#9	DatabaseOperations	DatabaseLayer	
Class#10	Authentications	DatabaseLayer	
Class#11	UserInfo	Gui	
Class#12	LoginInfo	Gui	

Important Algorithm

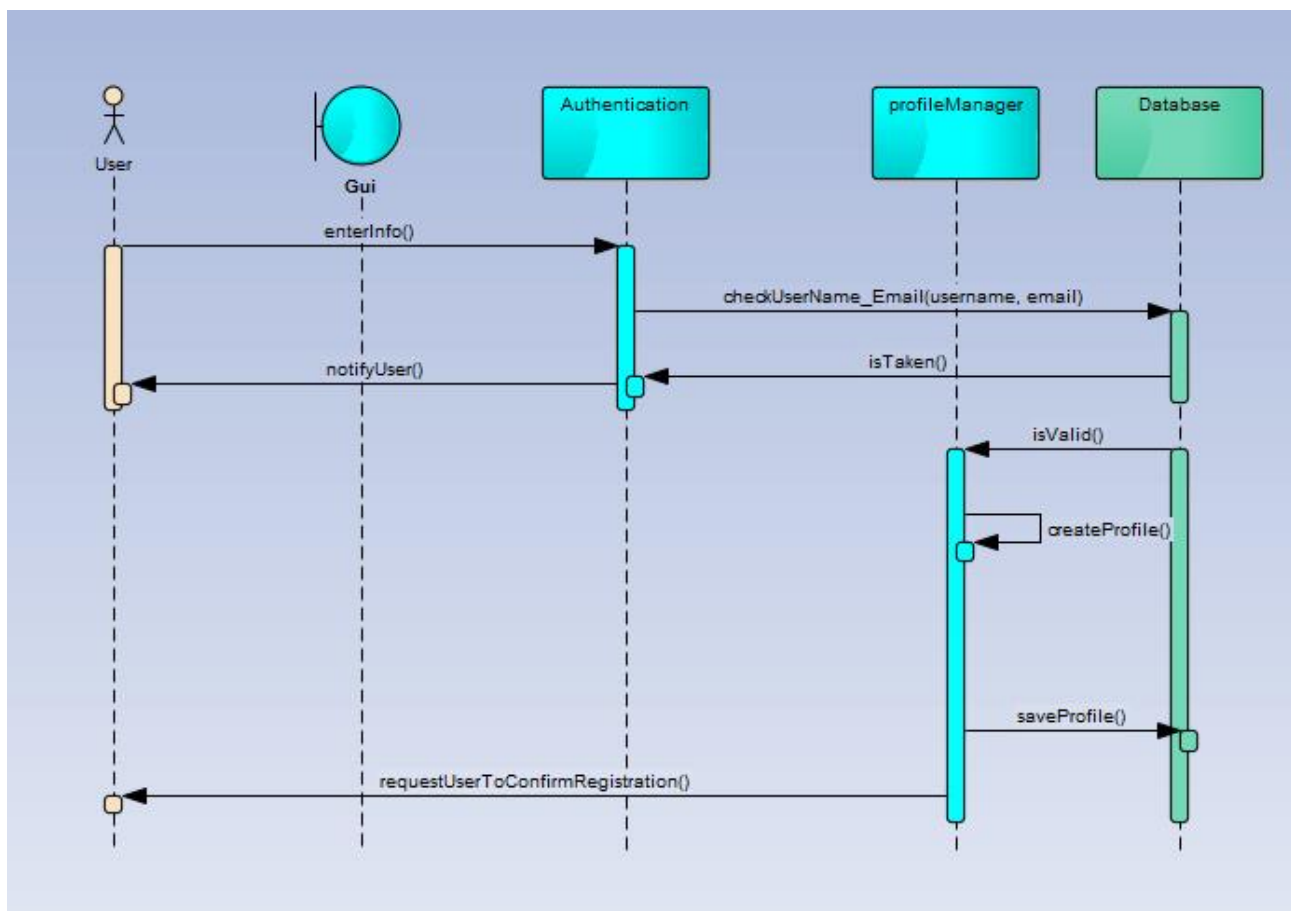


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Sequence diagrams

SignUP

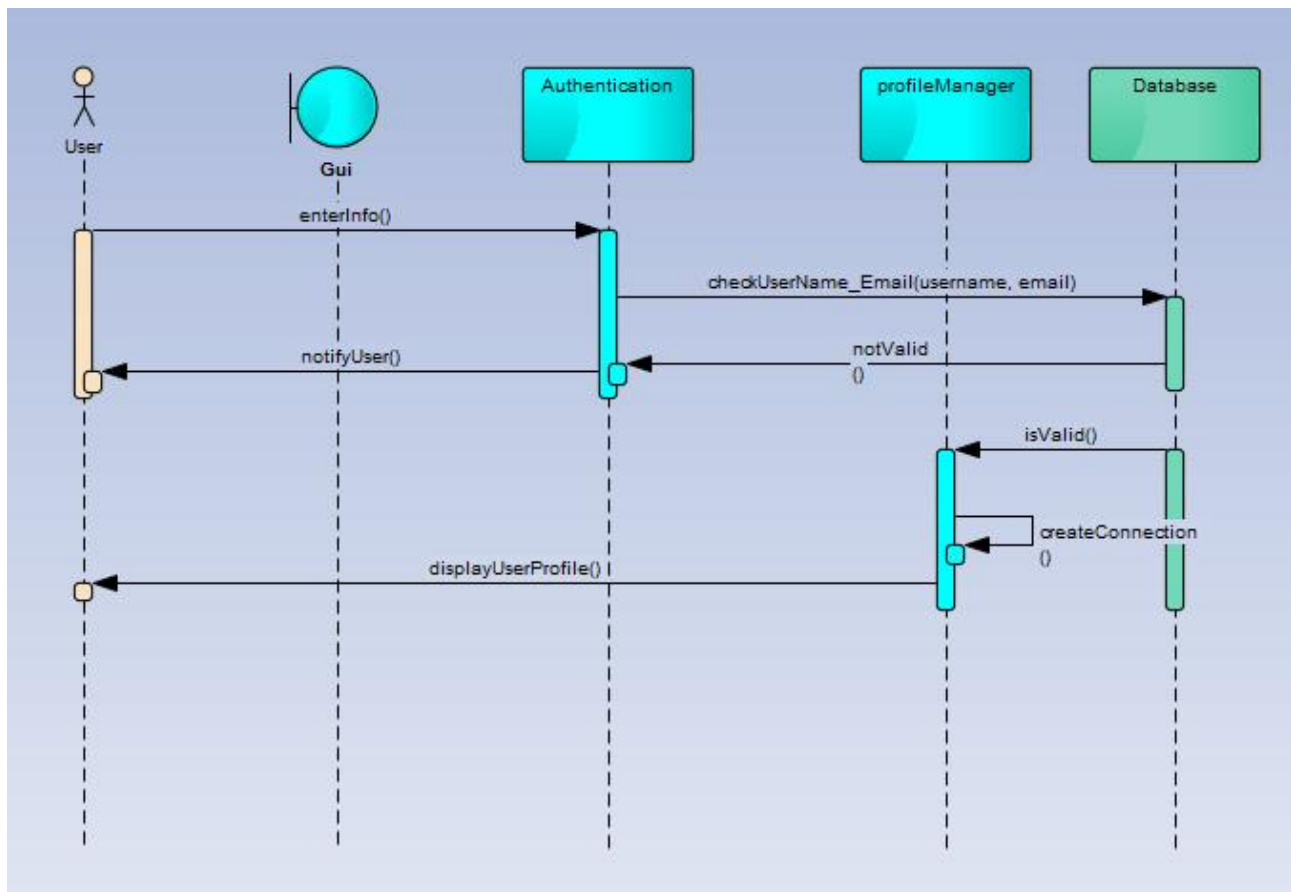




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Login

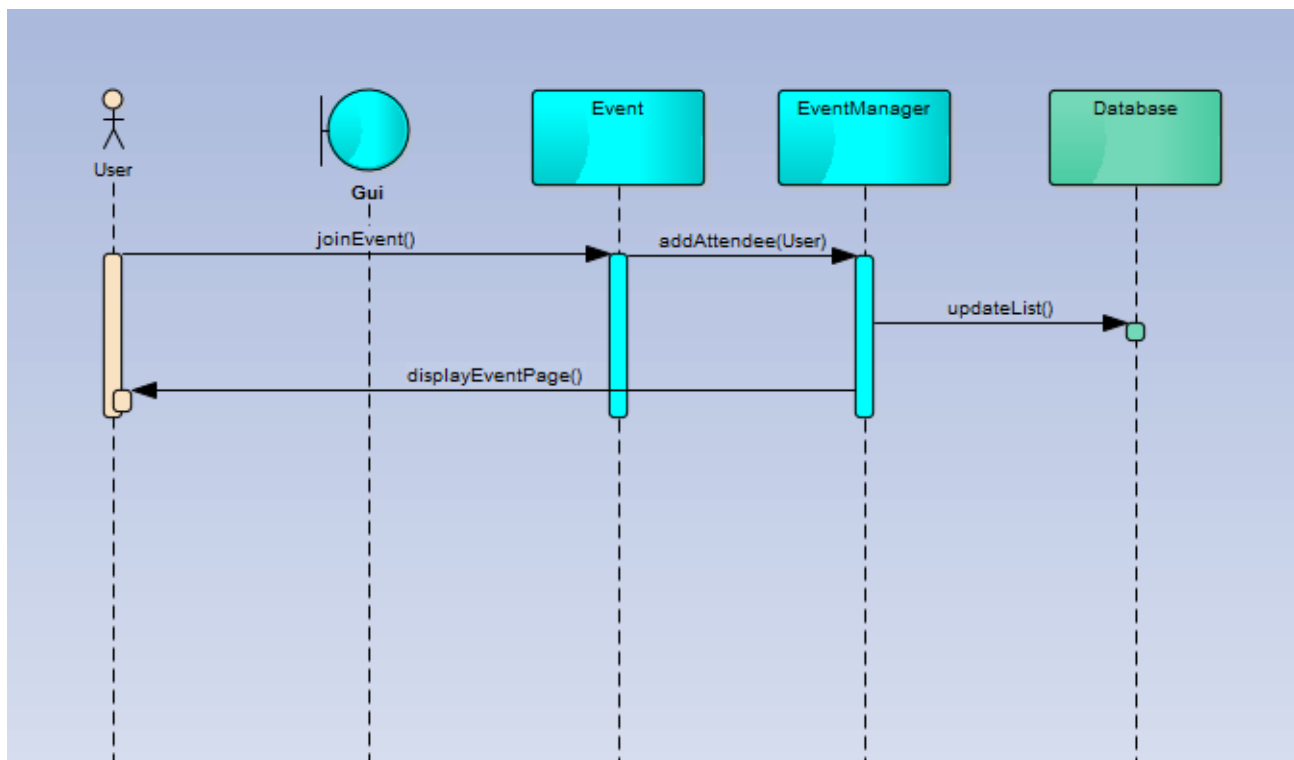




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joinEvent

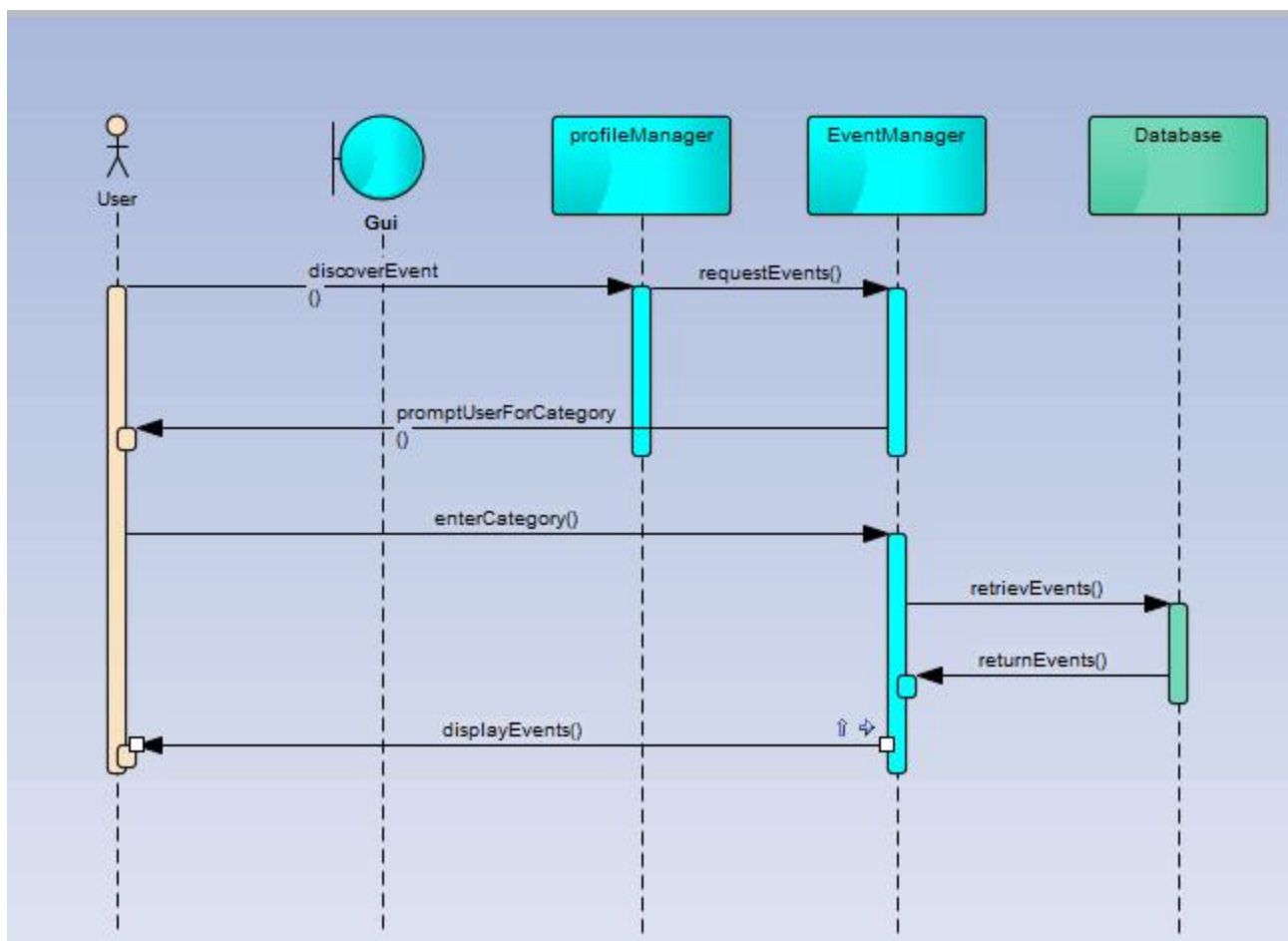




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Discover Event

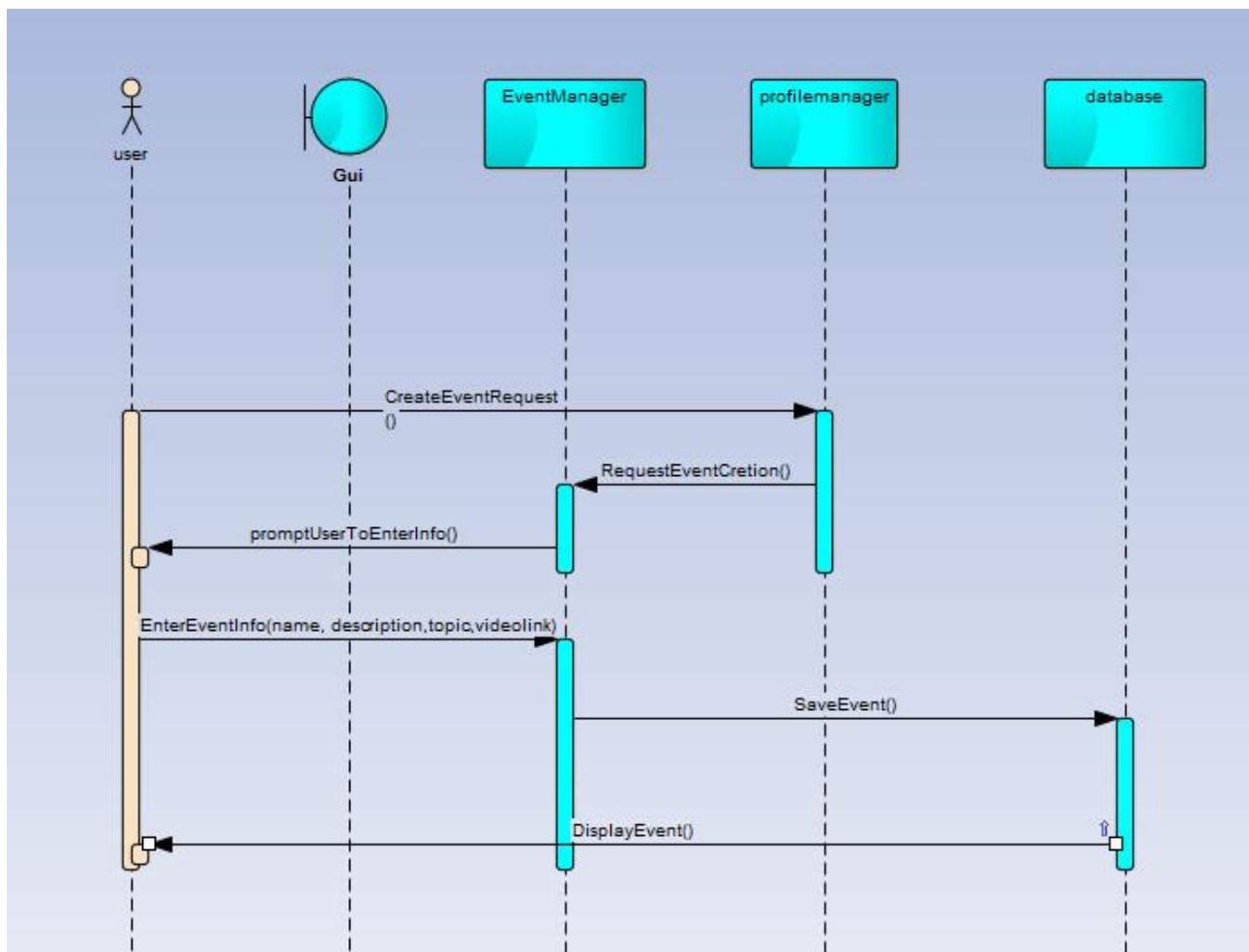




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Create Event

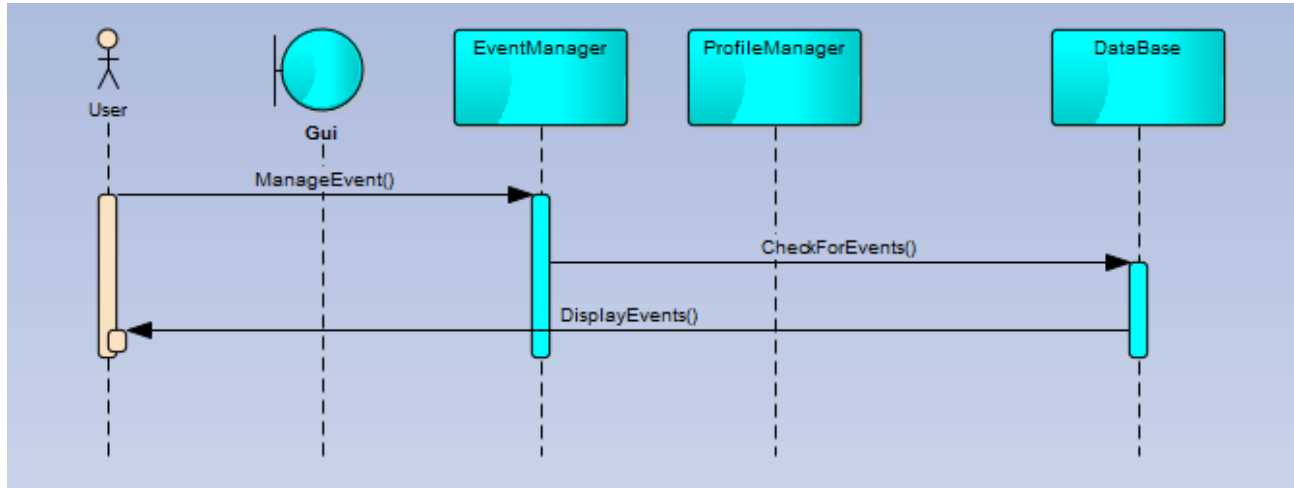


Manage Event



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Class - Sequence Usage

Class Name	Sequence Diagrams	Overall used methods
E.g. Employee	1, 3, 5 (means Seq Ids 1, 3, 5 used Employee class)	Save, GetData

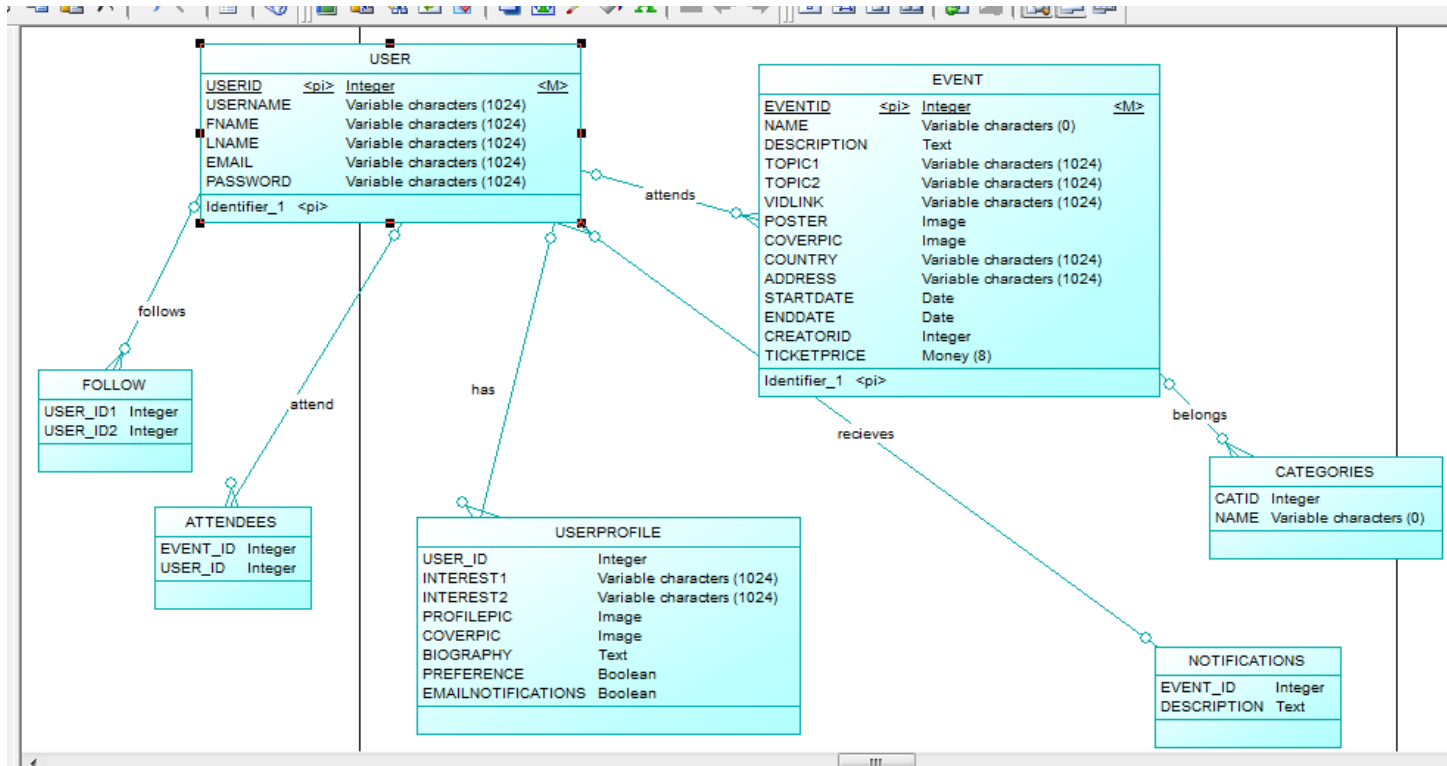
Physical Entity-Relationship Diagram



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User Interface Design

create new Account Login Page Create New Event

FirstName

LastName

email

userName

password

confirmPassword

button



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Login



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New Event

create new Account	Login Page	Create New Event
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Event Details

name*

more information(Description)

topic1

topic2

video link

location/country

Address

start Date

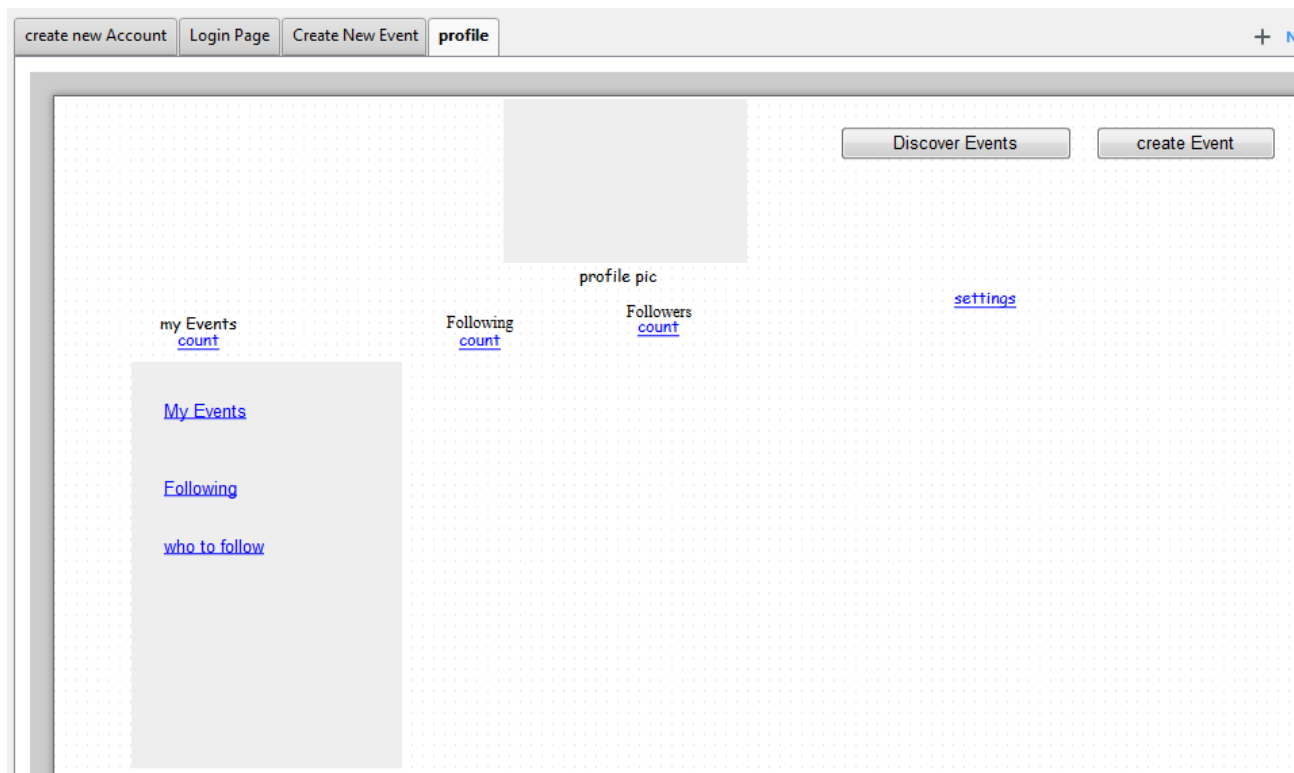
end Date

SAVE



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[create new Account](#) [Login Page](#) [Create New Event](#) [profile](#) [Join Event](#)

profile pic

[Join this Event](#)

Information

[Invite People](#)

community

user1

user2

.....

(list of users by profile pics)



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[create new Account](#) [Login Page](#) [Create New Event](#) [profile](#) [Join Event](#) [Profile Settings](#)

settings

profile

loadprofile pic

load cover Photo

userName :

Email :

First Name :

Last Name :

country city

Biography :

save



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[create new Account](#) [Login Page](#) [Create New Event](#) [profile](#) [Join Event](#) [Profile Settings](#) **[Preferences](#)**

preferences

Notifications:

☐ notify me whenever a new announcement is made from an event i'm planning to attend.

☐ Remind me about events i'm planning to attend

☐ Notify about event invites from freinds only

Emails:

☐ Email me on condition 1

☐ Email me on condition 2

☐ Email me on condition 3 etc;

Interests:

☐ Art/Literature

☐ Music

☐ Community

☐ Entertainment

☐ Technology

☐ Business



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[create new Account](#) [Login Page](#) [Create New Event](#) [profile](#) [Join Event](#) [Profile Settings](#) [Preferences](#) [Change Password](#)

new password:

Confirm Password:

Ownership Report

Item	Owners

Policy Regarding Plagiarism:

Students have collective ownership and responsibility of their project. Any violation of academic honesty will have severe consequences and punishment for ALL team members.

1. تشجع الكلية على مناقشة الأفكار و تبادل المعلومات و مناقشات الطلاب حيث يعتبر هذا جوهرها لعملية تعليمية سليمة
2. ساعد زملاءك على قدر ما تستطيع و حل لهم مشاكلهم في الكود و لكن تبادل الحلول غير مقبول و يعتبر غشا.
3. أى حل يتشابه مع أى حل آخر بدرجة تقطع بأنهما منقولان من نفس المصدر سيعتبر أن صاحبيهما قد قاما بالغش.
4. قد توجد على النت برامج مشابهة لما نكتبه هنا أى نسخ من على النت يعتبر غشا يحاسب عليه صاحبه.
5. إذا لم تكن متأكدا أن فعلا ما يعد غشا فلتسأل المعيد أو أستاذ المادة.



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6. في حالة ثبوت الغش سيأخذ الطالب سالب درجة المسألة ، و في حالة تكرار الغش سيرسب الطالب في المقرر.

References

- <http://www.mhhe.com/engcs/compsci/pressman/graphics/Pressman5sepa/common/cs1/design.pdf>

Authors

- Eng Mostafa Saad