



LEBANON EVENTS

FIND EVENTS NEARBY

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A scenic mountain road with a dark, cloudy sky and steep, forested slopes. The road is paved and curves through a valley. The sky is filled with large, dark clouds, and the mountains are covered in dense green forest. The overall mood is dramatic and atmospheric.

**ARE YOU AWARE OF THE
EVENT BEING HELD AT
NDU TODAY?**

01

OVERVIEW

- Challenges
- Goals and objectives
- Opportunities
- Risks and competitors
- Advantages over competitor
- Concept
- Diagrams
- Visual design
- Demonstration

02

CHALLENGES

Learning:

- Java
- Android development
- Creating and managing SQLite Database
- Integrating API

03

GOALS AND OBJECTIVES

- Creating and sharing Events
- Searching Events
- Filtering Events
- View number of attendees
- Bookmark Events
- Reserve or buy tickets
- Request taxi
- Access Events through application
- User-friendly interface

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OPPORTUNITIES

Business

- social interaction
- Marketing Events
- Prioritizing Events
- Loyalty program

Social

- Explore Events of all kind
- Grouping users with similar mindsets

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RISKS AND COMPETITOR

Risks

- Low adoption rate
- Losing users to competitors

Similar services

- Lebtivity
- GoSawa

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ADVANTAGES OVER COMPETITORS

Lebanon Events

Lebtivity

Native mobile
Applications



Display nearby
Events



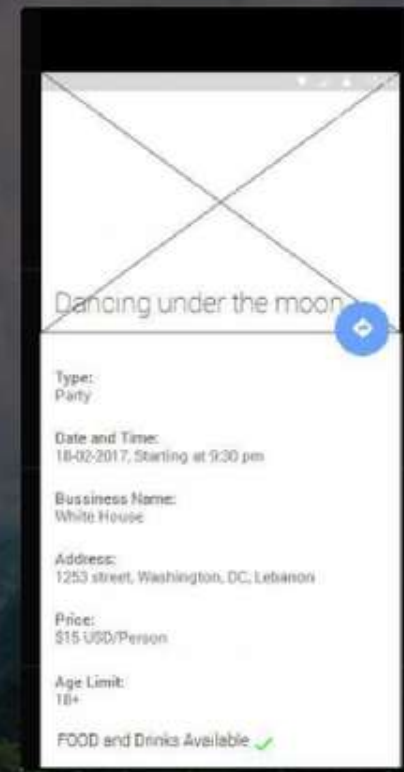
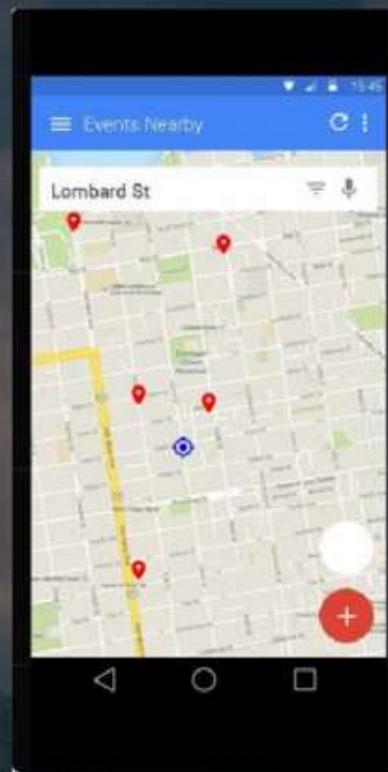
Access Taxi



Buy tickets



CONCEPT



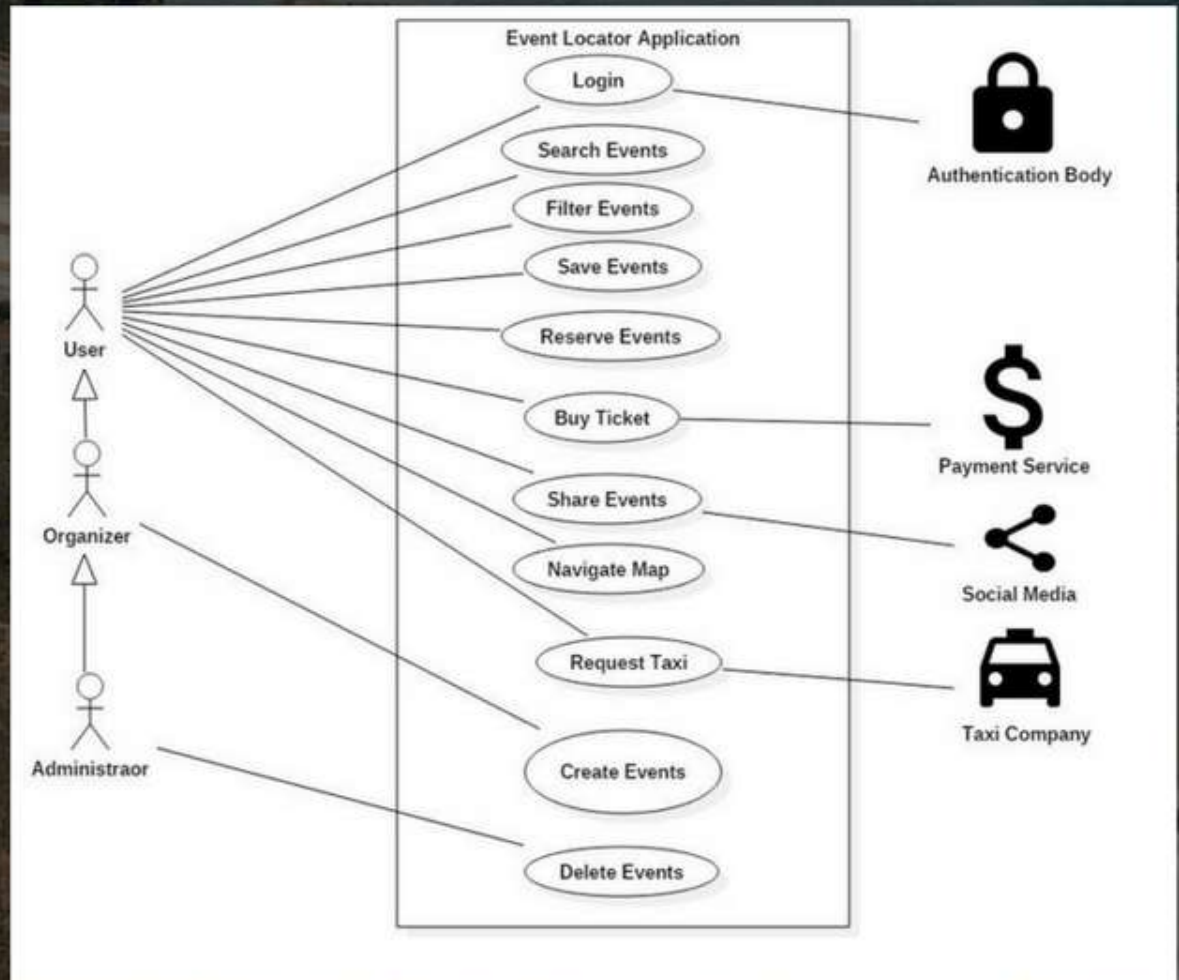
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DIAGRAMS

- Use case Diagram
- Context diagram (level 1)
- Design Class Diagram
- Database design diagram

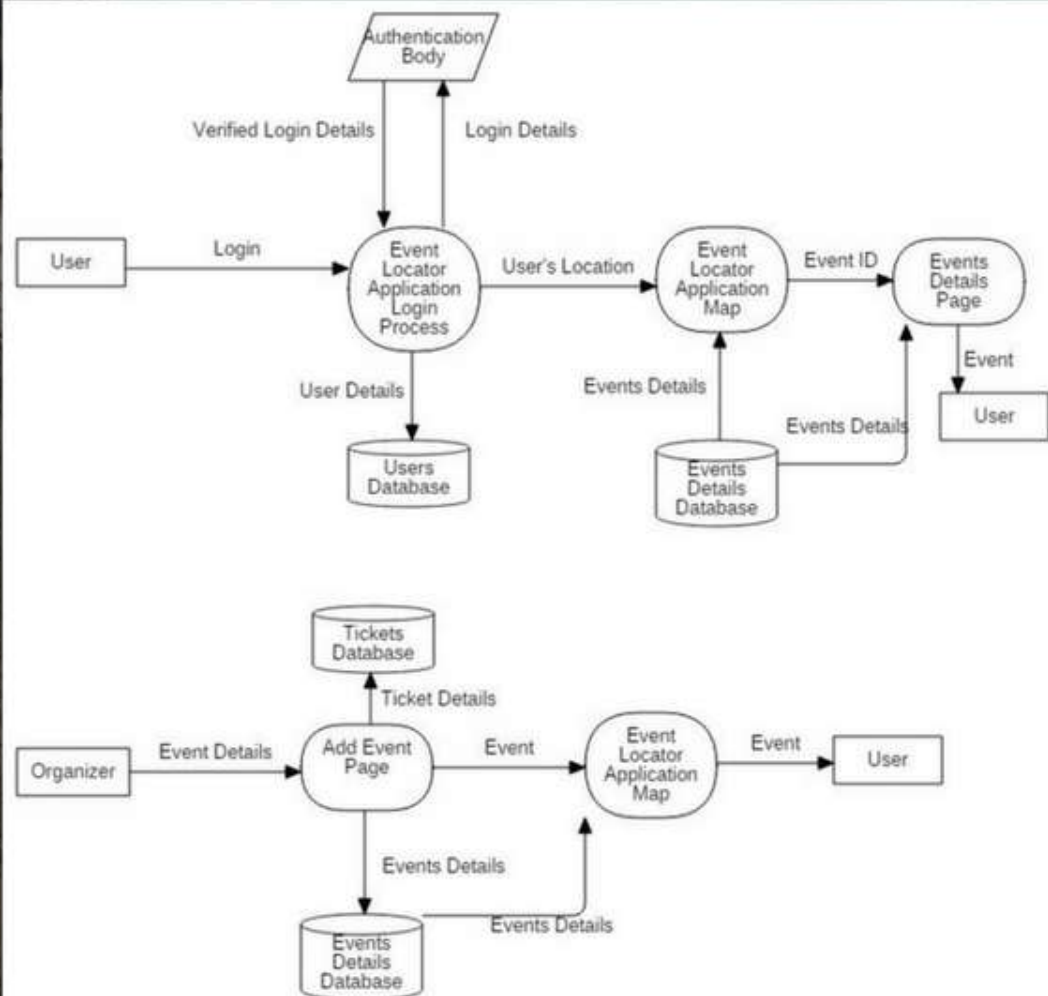
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USE CASE DIAGRAM



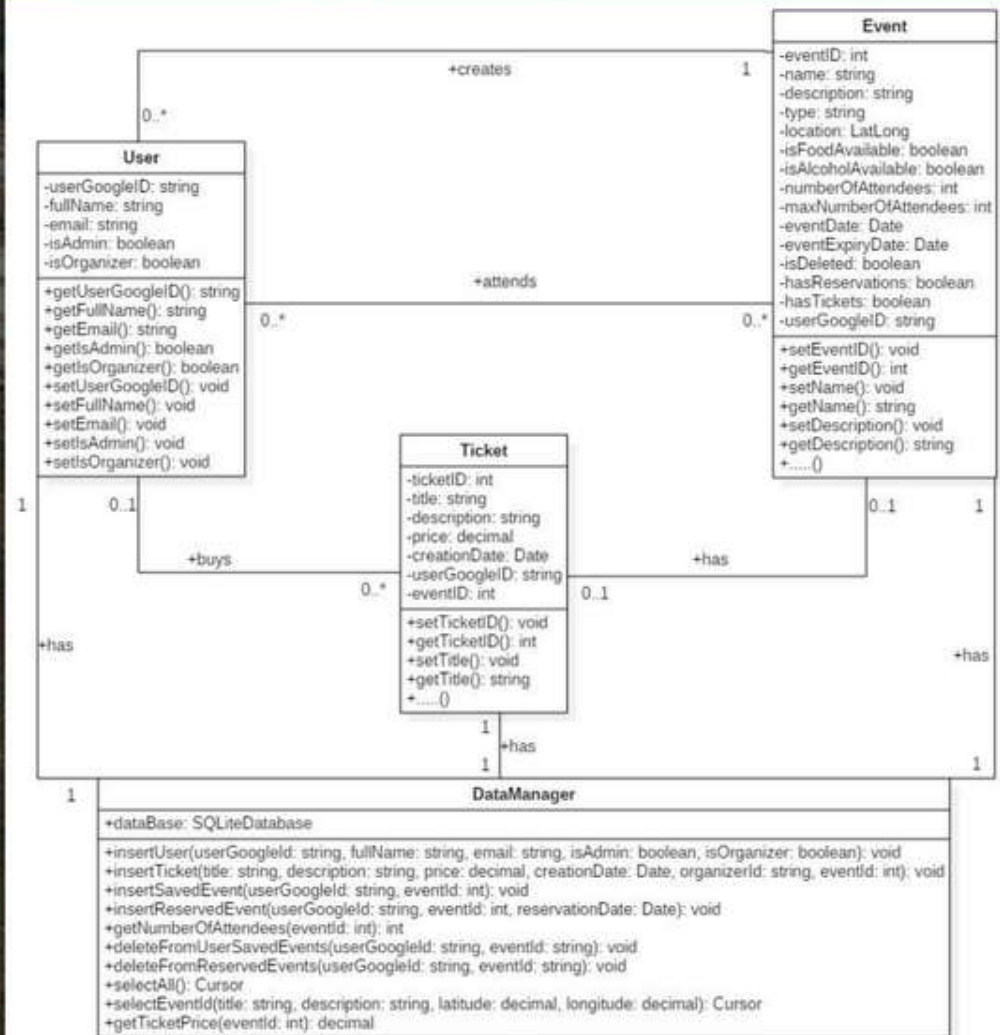
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CONTEXT DIAGRAM



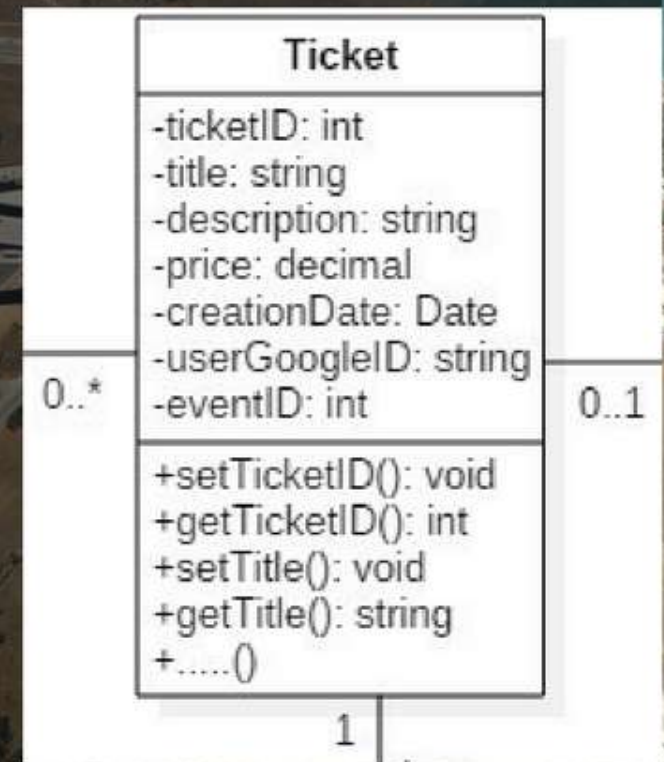
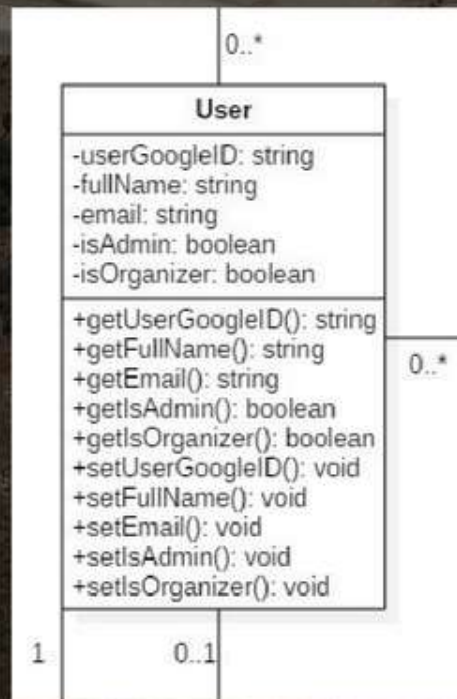
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DOMAIN CLASS DIAGRAM



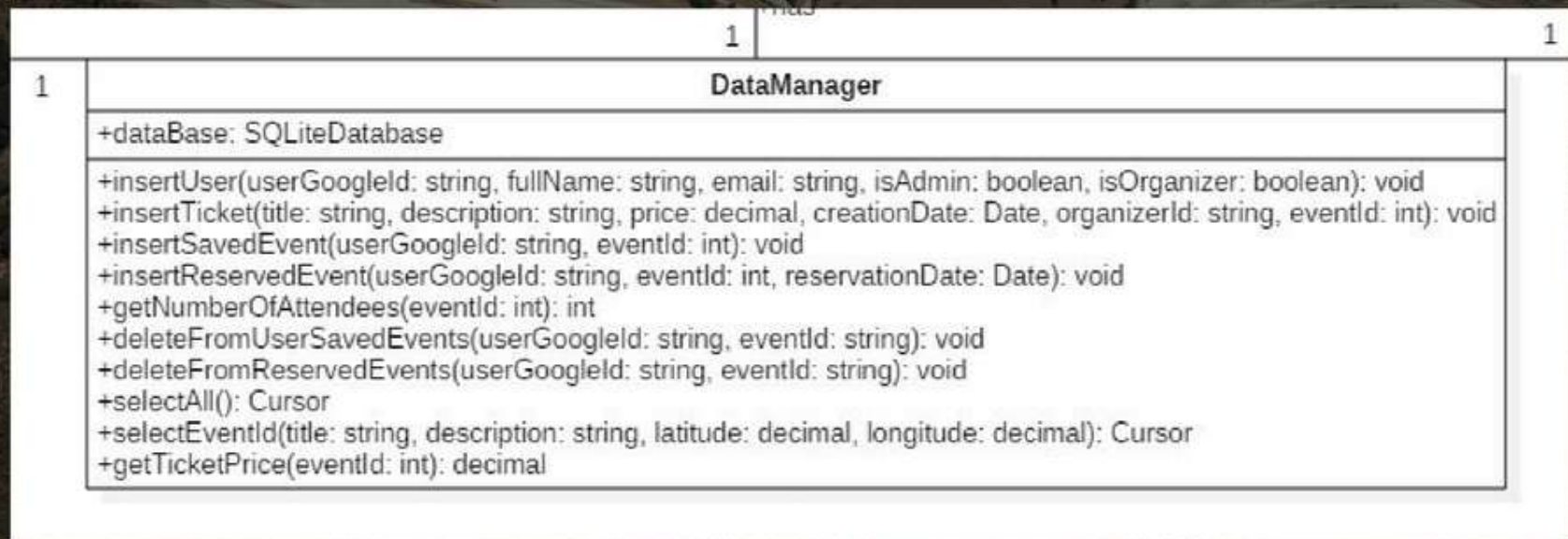
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DOMAIN CLASS DIAGRAM



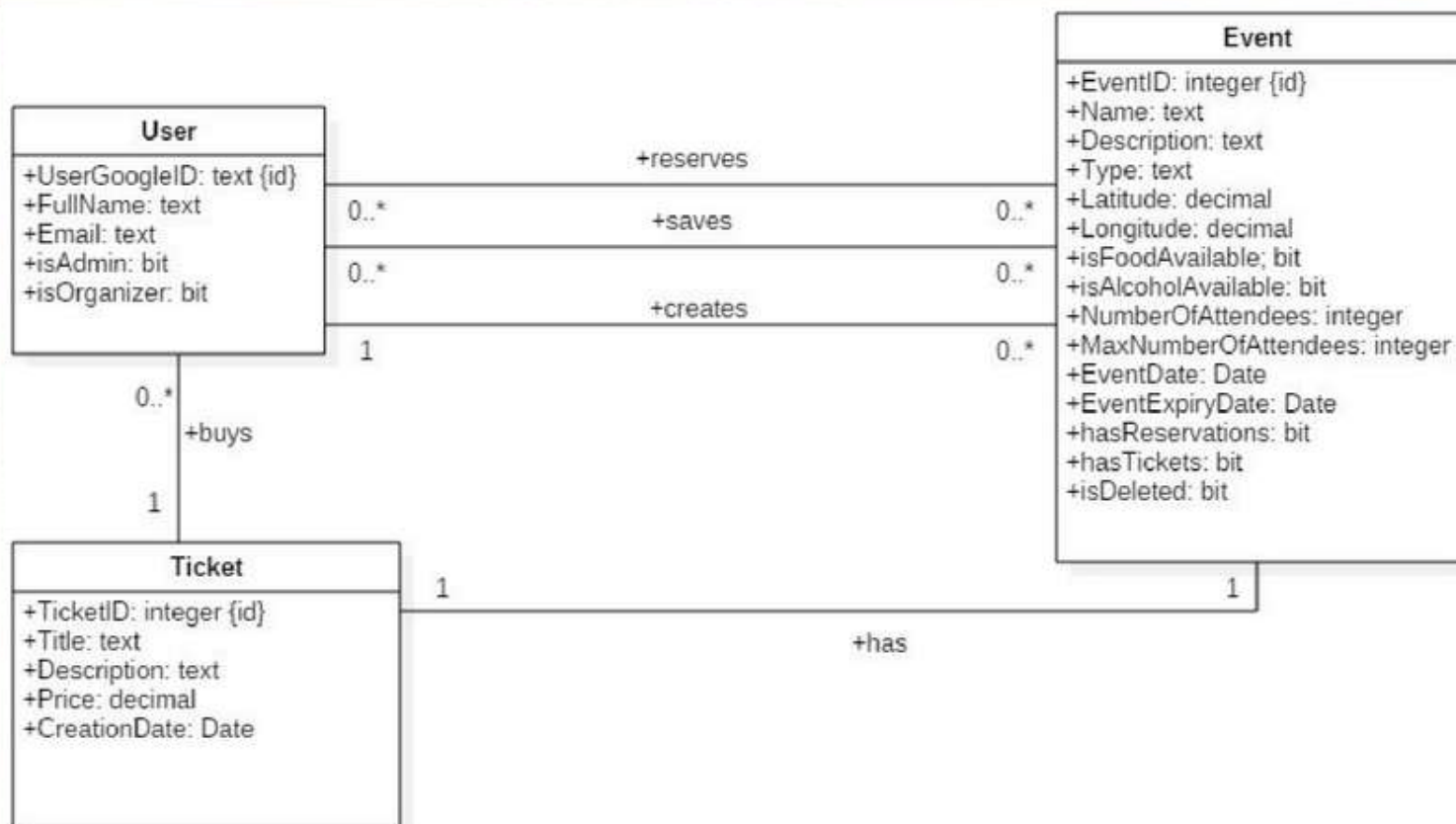
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DOMAIN CLASS DIAGRAM



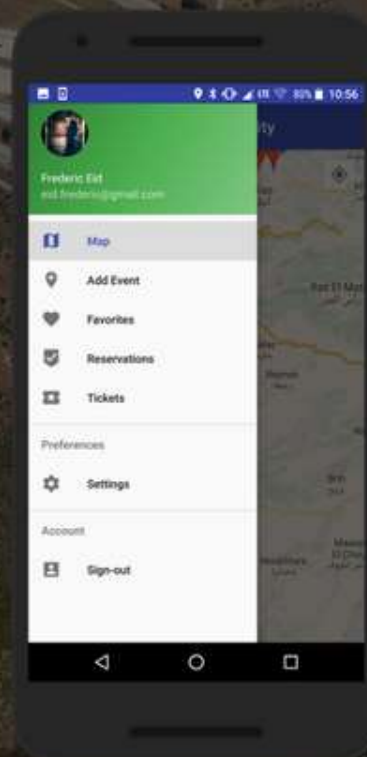
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DATABASE DESIGN DIAGRAM



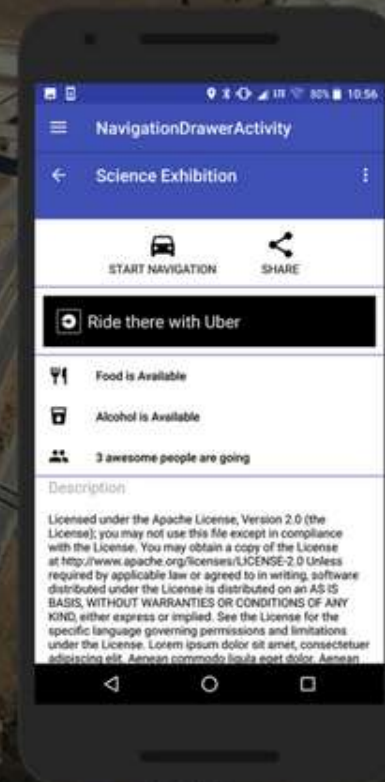
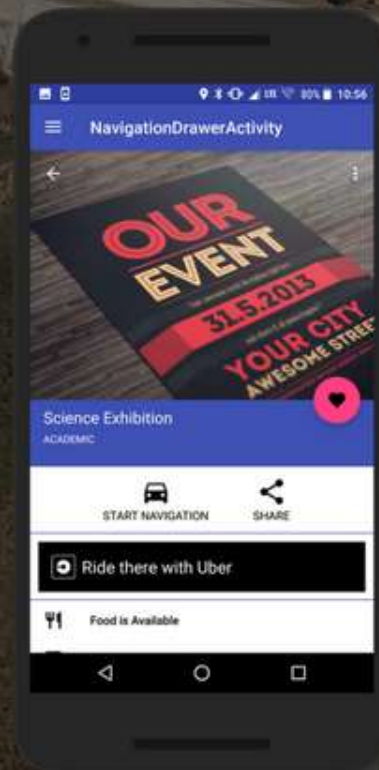
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FINAL PRODUCT



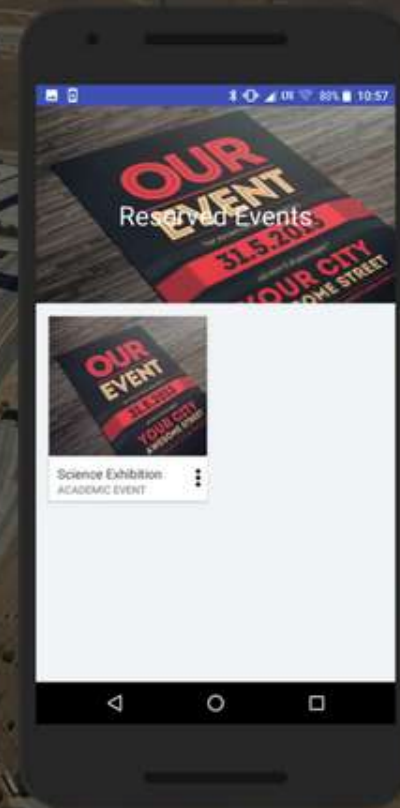
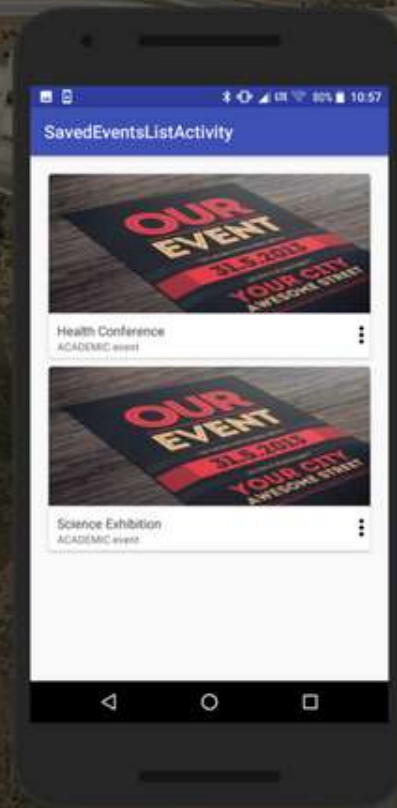
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FINAL PRODUCT



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FINAL PRODUCT



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FINAL PRODUCT

← AddEventActivity

Please Select a Place

SELECT PLACE

Event Title

Event Description

Event Type

ACADEMIC

☐ Food Available

☐ Alcohol Available

☐ Reservation Allowed

☐ Check to Create Tickets

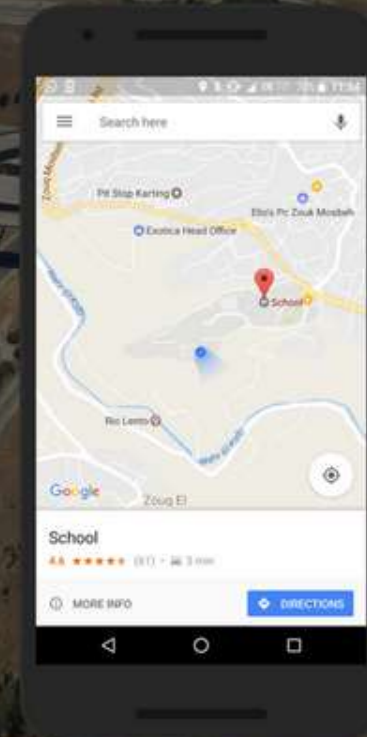
Event Max Capacity

Event Date

GO TO EVENT DATE

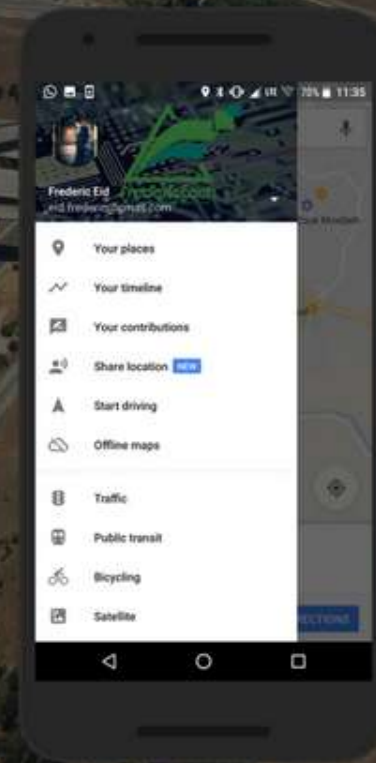
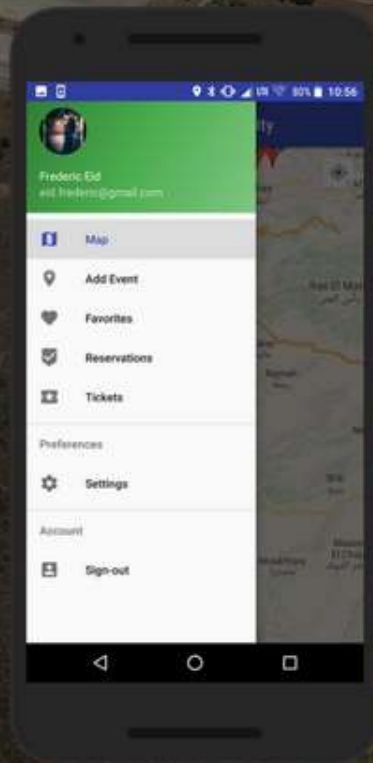
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DESIGN COMPARISON



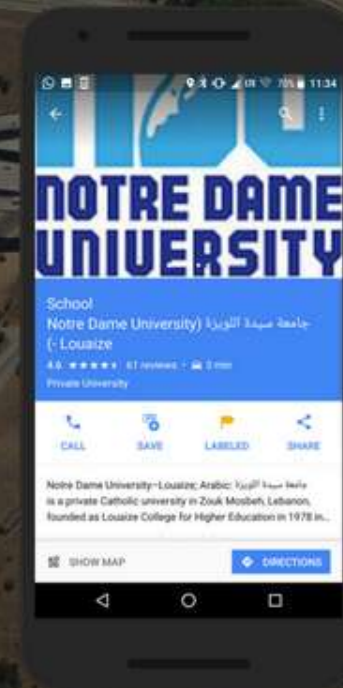
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DESIGN COMPARISON



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DESIGN COMPARISON



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FUTURE WORK

- Database moved to remote server
- Ability to edit Events after creation
- Changing the marker icon to correspond to the Event type
- Verifying Events

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LEARNING OUTCOME

- Acquiring Android and Java development skills
- Using SQLite Database
- Integrating Database in an application
- Using API (Google maps and Uber)

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REFERENCE

John Horton

PACKT publishing



Android Programming for Beginners

Learn all the Java and Android skills you need to start making powerful mobile applications

John Horton

[PACKT] open source
publishing

APPLICATION DEMONSTRATION

Scenarios:

- Check an Event
- Navigate to an Event
- Share an Event
- Request a taxi
- Save Event
- Reserve Event
- Create Event
- Buy ticket

A scenic photograph of a paved road winding through a mountain valley. The road is flanked by steep, forested mountainsides. In the distance, more mountain peaks are visible under a sky filled with large, dramatic clouds. The overall tone is somewhat dark and moody. The text 'THANK YOU' is centered in the upper half of the image.

THANK YOU