

# Searching Engine for Events– Hong Kong Events Portal

By Lau Yuen Wai, Lee Pak Yu, Tse Kwok Siu

Supervised by Prof. Nevin L. Zhang

# Project Overview

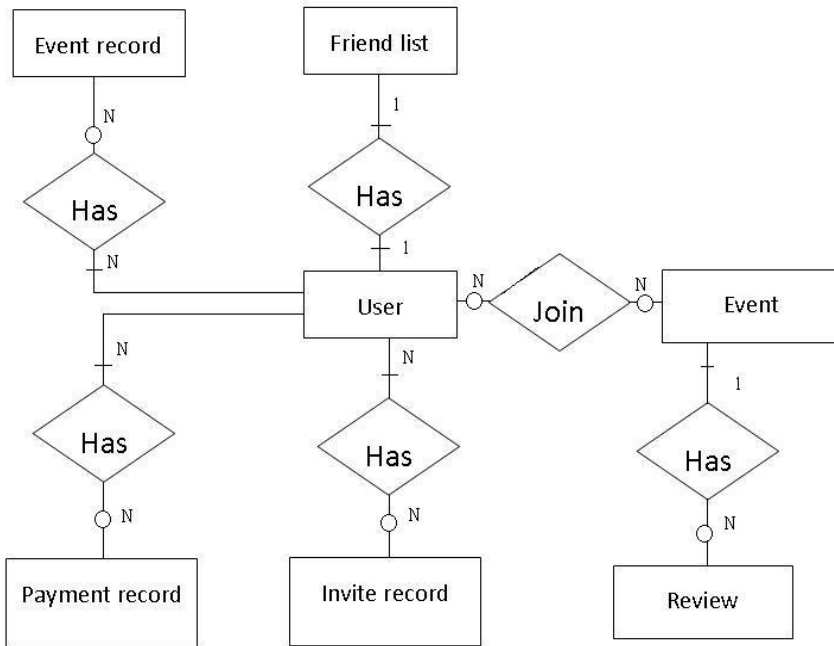
In modern society, people hold many gatherings, parties, etc. We call these “events”. Each event has numerous associated details which invitees need to know. Some companies and organizations regularly organize events to promote themselves and their products or services. But how do the event holders promote their events, and how do the invitees find information about them?

In the 21st Century, the rise of online social networks, such as Facebook and Twitter, has provided a new platform for information sharing. People can also use these networks to invite others to join events. However, this method has two significant drawbacks, which are information overload and the lack of a comprehensive event database for a wide variety of event types. Therefore, a need has arisen for a single application that makes it easy for event organizers to promote their events and easy for potential attendees to find the promotional information.

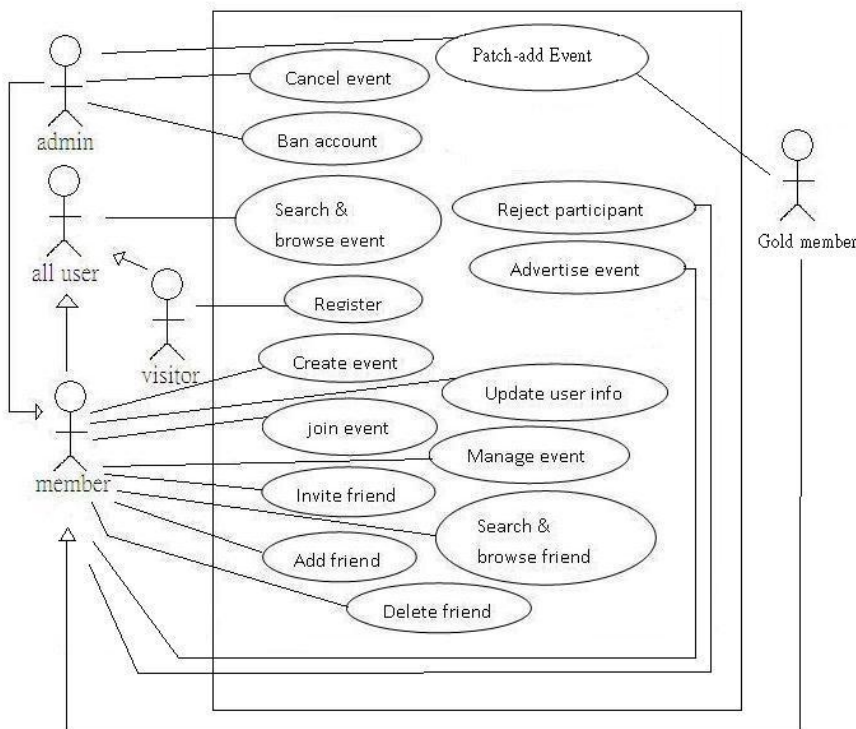
## Objectives

- 1 • Develop a Hong Kong Event Portal
- 2 • Allow users to easily search for events by keywords
- 3 • Build a database that facilitates fast data entry and retrieval
- 4 • Integrate a Google Map of Hong Kong into the user interface
- 5 • Develop an Android App

# Design

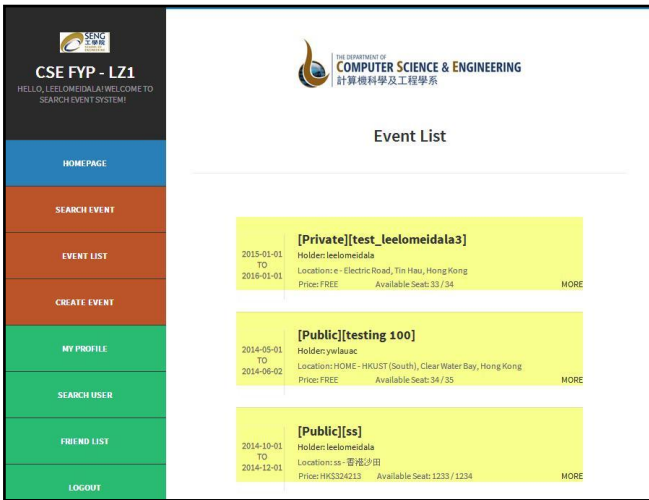


We used an entity-relationship schema (ER diagram) to design a stable and efficient database. The ER diagram helped us to know whether the relationships among the data were clear or not.

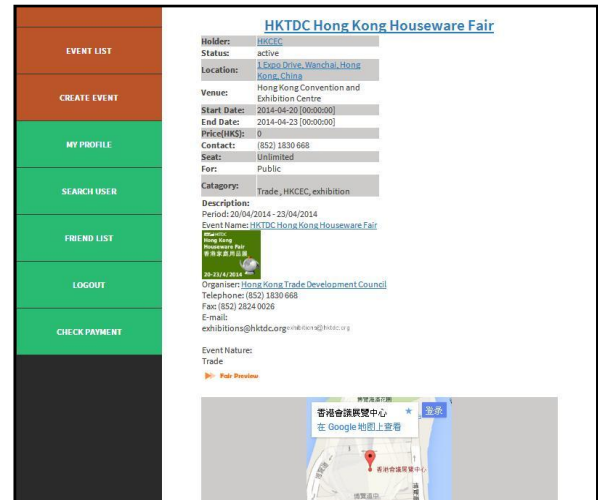


We designed a website which can be browsed on desktops. The website supports browsers like IE, Firefox, Chrome and Safari. In order to build an efficient website, we first defined the use cases. After some analysis, we drew the Use Case diagram which helped us in the implementation

# Testing & Result



Event List



Event Information

Based on our design, we used Dreamweaver to develop the website with PHP programming. We developed the user interface for desktop user. We have finished the implementation of all the Use Cases, and we tried to make the user interface user-friendly. After implementing all of them, we modified our website using CSS to make the appearance more attractive.

## Conclusion & Recommendations

In our project, we designed and implemented a Hong Kong Event Portal which is a convenient platform for user to share their events. The target users are both personal users and organizations. We fulfilled objective 1, 2, 3 and 4.

The system can be enhanced so to increased its value. Here are some recommendations:

- **Android App:**

In our proposal, we planned to build an Android App of the system so that people can use it through mobile devices. However, due to time limitation, we were not able to complete it. The system can be more convenient if there was a mobile version.

- **Build a Simulator:**

A simulator can be used to test how the system performs when there is a large amount of data and users. This can help us to modify our system and help us to further estimate the limitation of our system.