

PROJECT TITLE

Location Based System

IT01



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DEVELOPMENT ENVIRONMENT

Operating Platform: Microsoft Windows XP
Hardware Requirement: Intel PC installed with Apache web server, digital camera
Server: MySQL 5.0
Programming Language: Google API 2.0, XHTML 1.0, Javascript 1.8, PHP 5.0
Development Tools: Adobe Dreamweaver CS4, Adobe Photoshop CS4, Adobe Illustrator CS4, MapTiler v1.0 alpha 3, Ulead COOL 360

PROJECT DESCRIPTION

SUPERVISOR
Dr H L LAM

Project Description:

Our system is called Location Based System. The aim of our project is to improve the existing campus map system. In the large structure of the university, the current map can't be satisfied user to find the location. City university of Hong Kong aims to provide high quality and convenient system for user to find the location. In order to achieve the aim, it is necessary to have a new system to solve the problems. The Location Based System can increase the efficiency of searching location and minimize user's trouble. On the other hand, the new system can help the university more flexible to manage and improve the database by the administrator.

We have 2 main functions in our system that it is very important for user. The new system can improve and eliminate the problem and error of current map system.

The main objectives of the system includes:

1. Destination searching with path
2. Preview of nearby scenery

Special functions in the system includes:

Route from the nearest lift to destination
There will be two markers on the map that used to indicate the destination and the nearest lift with the path.

Preview of nearby scenery

Each checkpoint will be provided with a photo of nearby scenery for user. It is good for user to preview the scene around the target location and find the right path with real view.