HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

USER MANUAL

CAR POOLING SYSTEM

CS/370

PANAYIOTIS MOISEOS

MANIOS SHIATIS

JUNE 2007

HIGHER TECHNICAL INSTITUTE
PROJECT NO
3694 A

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(Users Manual)

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1. Summary

Each morning, thousands of cars drive to the city centre from the suburbs and then, in the afternoon, drive back. The majority of these vehicles carry a single passenger to work. Additionally, parents drive their children to and from school and private lessons. The idea of car-pooling is to provide transportation on demand for registered users who will have to order it through the proposed web site. If the demand for vehicles outnumbers the supply, then private minibuses will be called in. Here is a hypothetical scenario: Mr. X lives in the same neighbourhood as Mr. Y, in Latsia. They also work in the city centre, Mr. X at the ministry of finance and Mr. Y sells sandwiches nearby. If they both register for car-pooling, the system will identify that they can share a car because travel times, departure point and destination match. They will be given the option to share their cars or be driven to work.

The system will be implemented as a webpage and security will be considered. The user will register, logon and search for other matching members. The users will also have the ability to contact the administrators for any questions, suggestions or comments that they have. We will try to make as user friendly as possible to help beginners get around the website without problems and faster.