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Part B: Group Project

Transport

Group Meeting Week 10

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29th March, 2004

Scribe
Leanne

Attendees
Leanne, Ayman, Derek, Hee Dong, Roy

Discussion topics
Questions that remain to be answered
Style of final presentation

Conclusions

1.	Things that remain to be done • For ISA we need to identify who is going to pay the price. This could be a variety of different options and amounts will depend on funding. We must state how this will affect the overall price of a car and who will and will not benefit from it. Compare car prices before and after, look at sales of car types throughout UK and Glasgow and say how this will be affected. • We need to state exactly how GPS will work as far as road charging and speed monitoring is concerned. How will ISA work on roads? How will it be recognised? Are the road speeds simply laid on top of a road map? Will this work for roads running parallel and in close proximity with very different speeds? We need to weigh the positive against the negative. • Will the current bandwidth used for computers be used? Will it be able to cope with all the extra users? If not what will be needed? What are the limitations on present IT software if everyone had to install GPS? • Will there be one central control centre for all this data handling? Will it cope with 25million vehicles? if not what changes are required? What would be the running cost of the whole system? Ayman if you want to talk about ITS then you will need to know these answers. • Show that our case study could be applied to many other cities throughout the UK and perhaps Europe.
2.	Final presentation • We will use a large mindmap to introduce the subject at the beginning of the presentation • For the final presentation we have to communicate data to audience in a friendly manor. Do not have screeds of graphs and excel sheets with millions of numbers. And when talking through scenarios try to say scenario1 would bring us a 30% drop rather than stating big large figures that may confuse our audience. • All members must talk for a reasonable length. Not just having one person introducing for 10seconds. • Roy will design the slide layout over the holidays (White background, clear and easy to read)

Actions to be completed for next meeting - Mon 19th April

Person Responsible	Task
Hee Dong/Roy	Validate our claim that ITS can make a difference in Glasgow • We need to be clear on what benefits our ITS system will bring to Glasgow. We can do this by identifying what benefits they brought to other cities. • Confirm what difference ISA will make in terms of road casualties and emissions in Glasgow • Compare Glasgow's public transport network to other cities that have introduced ITS • Look at the economic aspects, look at incentives, what is the typical uptake on new technology.
Ayman	What is the current level of ITS technology, how long will it take for GPS to be fitted as standard in cars, think about the replacement rate of cars in the country so therefore you can start to plan a realistic time scale for implementation. Contact car manufacturers regarding isa, ask how much does it cost to install isa in a car , does it come as standard ? would isa affect the sales of cars in the UK ? ...etc.
Leanne/Derek	Validate our method of congestion monitoring • confirm our figures with independent data (Glasgow city council, department of transport, etc.) to prove that our method of counting cars and timing cars was valid. • Are there British/EU standards (BS, ISO, etc.) on how this is done by professionals - how does our method compare Validate our pollution data • Does a "micro-climate" exist around the emission stations we are gathering our data from. • Examine the data for a week, are there any anomalies, if so why. Are there any daily anomalies. • Are we sure the pollution we are monitoring comes from cars, can we make an accurate estimate • Take photos of the stations and show where they are on a map
Team	Think about the possible questions that could be asked at our final crit make sure each person knows everyone's section inside out.