

ANLY 482 AY1516 T2
Team CommuteThere- Minutes of Supervisor Meeting 3

Date:	7 March 2016
Time:	1400-1500
Venue:	School of Information Systems, Level 4
Present:	Sim Peh Wuen Jeanne, Lim Hui Ting, Lim Hui Ting Jaclyn
Absent with Apologies:	

Agenda:	1. Review of Interim Report
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1.1	<p><u>Review of Interim Report</u></p> <ol style="list-style-type: none"> 1. Objective and focus of the study is still quite dynamic. Still not clear of what we are doing. The main confusion is whether we are doing walkability or transit network. <ul style="list-style-type: none"> • Confusing, not clear what project direction is • Should be more focused, clearly state that our main objective should be to find the relationship between walking and its effect on bus commuting • Refer to the study and how they articulated their overview & objectives 2. Make your study in a broader context: <ul style="list-style-type: none"> • A lot of people talking about how useful walkability is • You should tie it in with healthcare, urban planning and urban design. Focus would usually be on how to provide a more conducive facility, road design, city planning to encourage walking. • Highlight that there is very little work to look at, i.e. this interface between walking and public transport, especially in a state like Singapore with very good public transport, and how it may have an effect on walking • That should be the focus of our study • And, Tampines will be a case study to analyse the effect of public transport on walkability
1.2	<p><u>Current Research Papers</u></p> <ol style="list-style-type: none"> 1. <u>Study 1: Measuring walkability and its effect on light rail usage: a comparative study of the USA and Japan</u> <i>Authors: J. Nawrocki, D. Nakagawa, R. Matsunaka & T. Oba</i> <ul style="list-style-type: none"> • Doing research requires a clear idea • Find out the relationship between public transport and walking 2. <u>Study 2: Walkability is Only Part of the Story: Walking for Transportation in Stuttgart, Germany.</u> <i>Authors: Maren Reyer, Stefan Fina, Stefan Siedeutop and Wolfgang Schlicht</i> <ul style="list-style-type: none"> • Relationship between walkability and health • Walking is a good substitution from transport • SG has good public transport network but this gives a good reason not to walk • Encourages a healthy lifestyle 3. <u>Online Reference: Basics: walking distance to transit</u>

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	Source: http://humantransit.org/2011/04/basics-walking-distance-to-transit.html
1.3	<p><u>Findings: Student, Adult & Elderly</u></p> <ul style="list-style-type: none"> • Bar charts - Arrange from Monday to Friday • Points of interest- • To find the POIs to find out the interests of the journey • We are interested to look at the unique number of trips that we will be able to pick out • The method in which we chose the most frequently travelled routes
1.4	<p><u>Main Analysis</u></p> <ul style="list-style-type: none"> • Find out ppl who take bus within a short dist for certain activities-look for commuters who keep travel the same route throughout the week,these are the people who will be part of our sample • Concat count: • To separate by weekday/ weekends instead of day-by-day • Can eliminate the counts that have origins & destinations at the same place • The concat counts should be around on 4-5 counts (over a few days) • Elderly: <ul style="list-style-type: none"> ○ Morning (more active time period → 9am - 12pm) ○ Don't bother about the non-peak hour period ○ One elderly may go to the same destination for all 7 days ○ Non-peak hour → ad-hoc trip • Adult and Student: <ul style="list-style-type: none"> ○ Just get the peak hours which fall on weekday-to infer that they going to sch or..... ○ Pgrouting req road network ,raster don't need • Pgrouting • Pgrouting requires the pedestrian network in order to route possible walkways • Cost-distance - use raster • Path analysis - use road network

Next Step of Action:	<p>1. Make revisions to the project overview, objectives, data</p> <p>2. Zip Qgis data together</p>
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