

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

<b>Date:</b>	7 April 2016
<b>Time:</b>	1700-1800
<b>Venue:</b>	School of Information Systems, Level 4
<b>Present:</b>	Sim Peh Wuen Jeanne, Lim Hui Ting Jaclyn, Lim Hui Ting
<b>Absent with Apologies:</b>	

<b>Agenda:</b>	<ol style="list-style-type: none"> <li>1. Discuss adult findings</li> <li>2. Discussing student findings</li> <li>3. Clarify project objectives and report</li> </ol>
----------------	---

<b>1.1</b>	<p><b><u>Comments for Adult findings:</u></b></p> <p>General findings:</p> <ul style="list-style-type: none"> <li>• Use mon as proxy?- use other days such as tuesday to cross-check</li> <li>• Compare distance + time travelled at one go(mon+tues+wed..) → confirm look at weekday the distribution should be about the same</li> <li>• Peak Periods Distribution: <ul style="list-style-type: none"> <li>○ Change the axis of entry time to 15 mins interval for more details</li> <li>○ Cut off 1-5am as there are no bus services available during that time(keep time frame from 5.30am to midnight)</li> </ul> </li> <li>• Looking at general distribution: <ul style="list-style-type: none"> <li>○ Create choropleth map based on masterplan layer at subzone layer</li> <li>○ Take bus stop overlay with polygon (masterplan) first &gt; join data table in jmp &gt; aggregate in JMP</li> </ul> </li> <li>• Distance decay function <ul style="list-style-type: none"> <li>○ Bigger the exponential number, drop will be slower</li> </ul> </li> <li>• Multi-moded? <ul style="list-style-type: none"> <li>○ Look at the time interval before they continue with another mode of transport</li> <li>○ Look at the final destination to find out what is the destination of the multi-mode people</li> <li>○ Chances is this will lower within town percentage</li> <li>○ See where the multi-mode occur is it at tampines or simei mrt?</li> <li>○ Multi-mode more significant changes(within town %....) observe in adult card holder</li> <li>○ Need to be clear on why you use “at least 4 counts” to be clearer</li> <li>○ Match the bus users with the mrt data</li> </ul> </li> <li>• Conclusion of report: <ul style="list-style-type: none"> <li>○ Data quality is of great importance (eg 13k anomaly)</li> </ul> </li> </ul>
<b>2.1</b>	<p><b><u>Comments for Student Findings:</u></b></p> <ul style="list-style-type: none"> <li>• Multi-mode</li> <li>• Steward model <ul style="list-style-type: none"> <li>○ Snap residential areas to bus stops</li> <li>○ Snap POIs to network</li> <li>○ Bus stops have to cut the line so that you can calculate the distance calculations</li> <li>○ To do: <ul style="list-style-type: none"> <li>❖ Euclidean distance: from bus stop to destination, does not take</li> </ul> </li> </ul> </li> </ul>

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

	<p>the road network into consideration. Cannot use shortest distance code as this code is based on the road network. Have to use the euclidean distance code. Better to focus on this first.</p> <ul style="list-style-type: none"> <li>❖ Asked about grass. Need to create a node at the end of the line, such as to break the line. So as to calculate the distance.</li> <li>❖ Snap the points to the road, then use get_connected to break the road, and then run the analysis</li> <li>❖ Limitation: 1) Lack of time to use the road network. 2) Bus stops are not snapped to the network.</li> <li>❖ Future work- map out the real road network</li> </ul>
--	--

<b>3.1</b>	<p><b><u>Project Objectives and Reports</u></b></p> <ul style="list-style-type: none"> <li>• Remove objective 3 on providing recommendations</li> <li>• For report, need to be able to integrate the findings of the 3 age groups instead of reporting them separately. Eg morning peak-how the student &amp; adult distribution look like (student distance shorter, adult distance longer) &amp; elderly doesn't have any peak</li> </ul>
------------	---

<b>Next Step of Action:</b>	<ol style="list-style-type: none"> <li><b>1. Clip road network</b></li> <li><b>2. Find out the types of roads in the road network</b></li> <li><b>3. Draw boundaries over areas that cannot be walked through, i.e. schools, condominiums</b></li> <li><b>4. Bus routes - find out the buses taken and load in the routes and prepare a bus route layer</b></li> <li><b>5. Prepare sponsor presentation</b></li> </ol>
-----------------------------	--