

# CLIENT MEETING MINUTES #1

Date: 23/01/2015  
 Time: 16:33  
 Venue: Alexandra Hospital Meeting Room

Attendees: Luqman, Trecia (SMU)  
 Christine, Fu Yue, Kai Pik (JHS)

Apologies: Nil

Agenda: 1. Introduction to ALOS Project  
 2. Requirement of ALOS Project  
 3. Any other business

S/N	Note / Task	Actor	Due Date
1.	Kai Pik (JHS): <ul style="list-style-type: none"> <li>- stated that ALOS mainly used by Medicine Department as predictive tool to understand patient profile</li> <li>- Help clinicians to have better plan for patient stay</li> <li>- ALOS can be affected by               <ul style="list-style-type: none"> <li>- Factors                   <ul style="list-style-type: none"> <li>- Hospital Stay                       <ul style="list-style-type: none"> <li>- Diagnosis</li> <li>- Discharge Planning</li> <li>- Admitted to ICU directly</li> </ul> </li> <li>- Functional History</li> <li>- Social History                       <ul style="list-style-type: none"> <li>- Patient's demographics</li> </ul> </li> <li>- Previous Medical History                       <ul style="list-style-type: none"> <li>- Previous emergency</li> <li>- Previous hospital admission</li> </ul> </li> </ul> </li> <li>- Hospital practice</li> <li>- Stakeholders: Medicine, Surgery Department</li> <li>- Integrated Care Pathway (ICP) - corporation to link up with different aspect (community support)</li> </ul> </li> </ul>	-	-
	Christine (JHS): <ul style="list-style-type: none"> <li>- No visualization required</li> <li>- Assured us we will get the data set by the end of the month</li> <li>- Is proposing to meet next Friday in SMU after 3pm to discuss about the data</li> </ul>		

2.	<ul style="list-style-type: none"> <li>- Use various models to predict ALOS &gt; 14 days               <ul style="list-style-type: none"> <li>- Mix model</li> <li>- Decision Trees</li> <li>- Simple regression model (Logistic)</li> <li>- Maybe data mining techniques and background knowledge if chose diagnosis</li> </ul> </li> <li>- Find out more variable that is useful or find out unusual patterns that are not detected from dataset</li> </ul>	Luqman Trecia	-
3.	<p>Previous Visual Analytics Project that was done for JHS</p> <ul style="list-style-type: none"> <li>- Need more fancy things (animation, 3D)</li> <li>- No need slider</li> </ul>	Luqman Trecia	-

The meeting was adjourned at 17.25 . These minutes will be circulated and adopted if there are no amendments reported in the next three days.

Prepared by,  
Trecia Koh

Vetted and edited by,  
Luqman