Lee Hsien Loong IDM Smart Nation Award 2017

(Nomination Form)

Project Title:	An Interactive, Integrated, and Intelligent Medical System (I³MS)
Polytechnic:	Ngee Ann Polytechnic

Names of Members:	Nationality:
Lin Lue	Singaporean
Woo Huiren	Singaporean

Area of Focus:	(Please tick)
<u>Smart Mobility</u> Creating a more seamless transport experience through new travel options and greater access to real-time transport information.	
<u>Smart Living</u> Improving daily living in our homes through smart devices.	
<u>Smart Health and Wellness</u> Delivering better healthcare services and wellness applications for seniors and citizens through effective use of information technology.	✓
<u>Digital Services</u> Improved government operations and service delivery through technology.	

Is this project done in collaboration with a company?	Yes	✓	No	

• Estimated % of Company Involvement	10% *1
• Name of Company	Institute for Infocomm Research (I2R – A*Star)
• Name of Contact Person	**Rafael E. Banchs (Dr.)** Lab Head Dialogue Technology Group Human Language Technology Dept. **Luis Fernando D'Haro (Dr.)** Research Scientist Human Language Technology
• Contact Number	9820 7255
• Email Address	rembanchs@i2r.a-star.edu.sg luisdhe@i2r.a-star.edu.sg

Please provide the following information on the project:	
• Estimated cost of the working <u>prototype</u>	0 SGD
• Estimated timeframe for implementation from successful prototyping	6 Months

Please provide a brief description of the project focusing on:
- What problem the system is trying to solve
- Who the beneficiaries are
- How the system works
  (Highlight the technical aspects involved, for example, the platform the system is built on, software used, etc.)
- If this is a collaboration project with a company, which part the students are involved in creating

Please attach a separate sheet for your description. The write-up should be no more than 2 pages (2 sides of 1 A4 paper). You may also include separately from the write-up, no more than 3 coloured pictures of the prototype, user-interface, etc. to support your description.

*1 concept idea originally came from the internship company, i2R. The team worked on it and evolved it to I³MS.