Submission and Registration Form

Please enter the relevant information in the fields below, giving an appropriate explanation when necessary. You may add supplemental pages and supporting data. If necessary, you may be asked to provide additional documents.

I. Title—Title of presentation:

Guiding Location and Transportation Services for Yangon Metropolitan Area

II. Author(s)—Full name (First name family name):
(If you are already planning a project, please include the names of all team members)

Ms. Myat Thiri Khine
Dr. Myint Myint Sein
Ms. K-zin Phyo,

III. Organization(s):
(If you are already planning a project, please include the institutions of all team members)

Research and Development Department (GIS Lab), UCSY

IV. Topic selection:
(Select one from the topics listed in "Call for Presentations")
Smart Society: ICT applications for community and environment

Smart City

IV. Abstract:
(Describe the purpose, background, objectives, content, plans for connected projects, expected results/outcomes, etc.)

Although there has been developed the effective Location-based services application in developed countries, it still lacks to develop the effective and efficient one in developing countries as Myanmar. One of the requirements of the cities of Myanmar is to fulfil the effective transportation services and location-based services not only for the local people but also for tourists who are not familiar with transportation system and places in Myanmar. Transportation system in Myanmar is very complex and most of the citizens in Myanmar make use of public transportation type such as bus, taxi, train, plane and so on.

Most people in Yangon mainly use the public transportation bus lines. There are over 250 bus lines running around Yangon and over 2.5 million commuters a day. There are nearly 2000 bus stops in Yangon downtown area. Public transportation service is not very easy to travel not only in Yangon, but also for the whole country. So, good transportation services are necessary to move people quickly, comfortably and affordably to their destinations. Moreover, some Myanmar people are not familiar with English language and are also difficult to use the applications with English language. Location-based service applications with Myanmar language are still poor and it still has the pronunciation error. In this project, Location-based service application which gives the good transportation and location services is developed for Yangon Region. The desired location can be searched with both Myanmar and English Language on the mobile devices and it also provides the user with nearest location services. Moreover, it guides the user where the nearest bus stop is, which buses need to take to get there and where the transit location is.
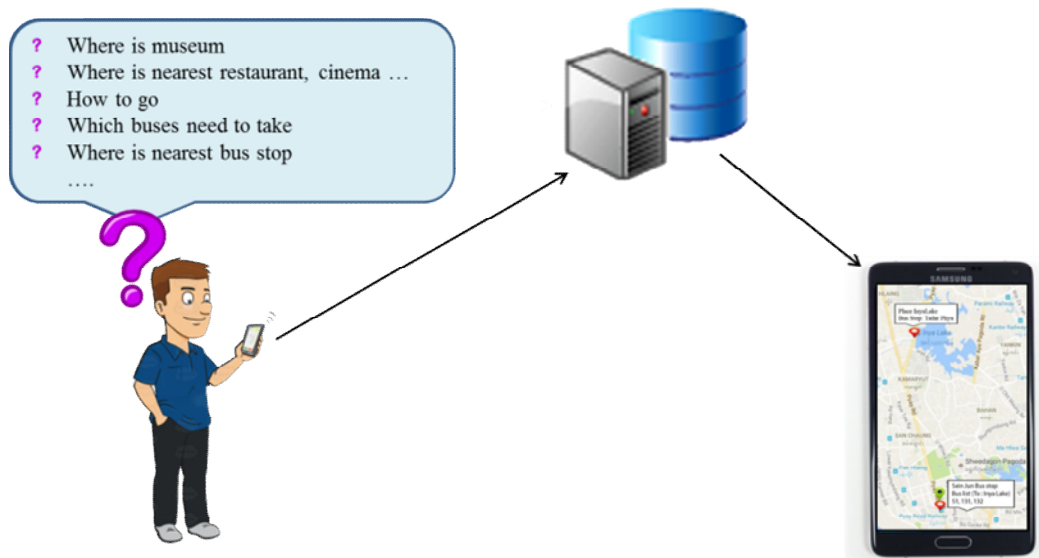

Figure 1: System Flow Diagram

V. Speaker information:

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VI. Support for speaker—circle or underline any that you wish to request:

- ⦿ Round trip fare at discount economy class
- ⦿ Accommodation