FOOTBALL SERVICE; COMBINING LOCATION BASE SERVICE AND EVENT NOTIFICATION USING GLOBAL POSITIONING SYSTEM IN ANDROID MOBILE PLATFORM

By
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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

Football Service; Combining Location Base Service and Event Notification Using Global Positioning System in Android Mobile Platform

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James Purnama, M.Sc, Major Lecturer

Football is a sport that has the biggest fan in the world. Every event that related to this sport always seized people attention. Every year, a lot of event occurs such as European Champions League, English Premier League, Serie A, La Liga, and this year on June – July there is the biggest event that only occurs once in four years called World Cup 2010 in South Africa.

Those events consist of the best and talented player who gives a good entertainment that makes people in this world put aside their work only to watch and follow the information. This opportunity attracts developer to developing a new service that can fulfill the demand of football fans to be more actively knowing and participating in the World cup event so they can easily access the service through computer system.

In response to this opportunity, it is a challenge for me to implement the Location Based Service (LBS) and event notification in mobile device, since this device is the most common technology that people used this day. This thesis can also be used as a guide in mobile application development in the future.

DEDICATION

I dedicate this thesis to my Family, Friends, and all worldwide football fans that always support me in pursuing my studies.

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Thank you very much to **Swiss German University (SGU)**, who has supported me in my four years of study. SGU has taught me the importance of practical in the field or in the project rather than studying theories in the class. It is important to balance the theories from the class and the practical work in the real life.

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