The Web
Its Utilisation, Evaluation and Security

Media Anugerah Ayu

IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
THE WEB: ITS UTILISATION, EVALUATION AND SECURITY
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Editor
Media Anugerah Ayu

IIUM Press
Published by:
IIUM Press
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2. **Hajj Pilgrims Tracking and Monitoring System**

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**ABSTRACT**

Hajj Pilgrim tracking system circumscribes three major areas from the user perspectives and accumulates together as an integrated and interactive monitoring system to apply in pervasive conglomerating environment during Hajj ritual. The Hajj is one of the most important activities and also one of the five pillars in Islam which is mandatory (if some important factors are fulfilled) for Muslims and has to perform at list one time in his or her life by visiting the Holy Ka’aba in Makkah with some holy activities. Missing pilgrims, locating lost, injury, health problem etc. are frequently encountered during Hajj that occurs sorrowfulness in their relatives’ minds as well as the responsible committees. To reduce these problems and also to provide helps to the pilgrims, a new Hajj Pilgrim tracking system is proposed. Architectural and functional overview of the proposed monitoring and tracking system for Hajj Pilgrims are also presented in this chapter.

2.1 **INTRODUCTION**

Hajj is a huge congregation of Muslims which is the fifth pillar of Islam and occurs only once in a year in the holy place of Makkah, Kingdom of Saudi Arabia (KSA). Millions of Muslims from all over the World gather at Makkah to perform Hajj. Among 2.8 million pilgrims, 1,799,601 (64.27%)