

# **APPLICATION OF PRAYER TIMES AND QIBLAT DIRECTION ON MOBILE PHONE**

## **Final Year Project Thesis**

**Project report submitted in part of fulfilment of the degree of BCS (Hons.) with the supervision of Mrs. Hani Fuziah Abdul Rahman and coordinated by Assoc. Prof. Mrs.Zaidah Ibrahim**

**Computer Science Department**

**Faculty of Computer and Mathematical Sciences**

**Universiti Teknologi Mara**

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## ABSTRACT

Nowadays, mobile plays an important role of each individual life. It is not only to be used for calling or messaging but wider than that. Mobile technology is also a familiar part of education for all around the world. The used of mobile in daily life has made the life becoming more effective and easier. As for that, the mobile technology is applied to this project. This project title is application of Qiblat direction and Prayer times on mobile phone. It provides a list of five prayer times and also shows the direction of the qiblat so that they can views wherever and whenever they are. The ringing of alert when prayer times arrived also will be provided. The modern approach is applied for this project. The spherical trigonometry method is applied to calculate the qiblat direction and astronomical measure is applied for the calculation of prayer times. This project will focus on every capital state in Malaysian and fives prayer times everyday. It very useful for Muslim people and it suitable for all mobile phone with support Java language.

*Keyword: Qiblat direction, Prayer times, Modern approach, Spherical Trigonometry Method.*

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