

UNIVERSITI TEKNOLOGI MARA

Clinic's Appointment Management System via QR code
(CAMS_{QR})

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JULY 2014

ACKNOWLEDGEMENT

Alhamdulillah. All praise to Almighty Allah SWT for making this project a real one. Firstly, special thanks to my supervisor, Puan Siti Arpah Bt Ahmad who has always guided me and my partner from the start of the project until the end. I would like to thank our lecturer for this course, Encik Kamarul Ariffin Bin Abdul Basit. I also owe a big thanks to En Hadi, En Akmal, Puan Siti Mariam binti Md Ali, Encik Arief Akmal Fauzi bin Mohd Sofiee and all team from Hospital Alor Gajah for their expert technical assistance. Not to forget, my beloved parents and husband who support me throughout the project and always pray for my success in my study. Last but not least, I would like to give my gratitude to my dearest friends who have been there for me when I need the support and help with my project.

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ABSTRACT

This study is about the integration between the Quick Response (QR) Code with the Clinic Appointment's database and a web-based online system. This project is termed a Clinic's Appointment Management System via QR code (CAMS_{QR}). The purpose of this study is to implement an appointment scheduling system. Currently the hospital's counter has congesting patients' appointment that causing delays and congestion of patients waiting to take appointment and accelerate process flow of scheduling to reduce overlapping and redundancy of appointments and also long backlogs for appointments. These backlogs are exacerbated by a last-minute cancellations or "no-shows". The QR code will be scanned and the code will display URL link. Patients can also view when their next meeting appointment is scheduled (if any) on a web-based online system. The add-on that can be included into this study later on are patient would be able to view and update profile and also be able to obtain the reminder to the appointment such that if there is an appointment with the doctor, patients can be reminded via email and so on. This study determines new and effective solution for managing appointment scheduling and information on the registration medical card.

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