



Faculty of Computer Science and Information Technology

***GYM MANAGEMENT SYSTEM  
FOR IRON HARDCORE GYM, KOTA SAMARAHAN***

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Bachelor of Computer Science  
with Honors (Information System)

2019



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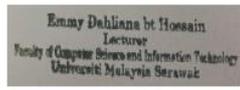
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**GYM MANAGEMENT SYSTEM FOR IRON HARDCORE GYM,  
KOTA SAMARAHAN**

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This project is submitted in partial fulfilment of the  
requirements for the degree of  
Bachelor of Computer Science with Honors

Faculty of Computer Science and Information Technology  
UNIVERSITI MALAYSIA SARAWAK

2019

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15/07/2020

## **Acknowledgement**

First and foremost, I would like to express my special gratitude to my supervisor, Madam Norazian Binti Mohamad Hamdan for the continuous support for her motivation, patience and great knowledge in helping me to guide my study especially in finishing this project. Her guidance really helped me in writing this thesis. My sincere thanks also for my fellow friends in UNIMAS for helping to give many information to stimulate ideas, for the help including at the sleepless nights together works to finish our respective report before deadlines.

I also would like to acknowledge to my family that support me spiritually throughout my life and provided a lot of advice during completing this project. Finally, thanks to Faculty of Science Computer and Information Technology for enlightening me the possibility to finish this project.

## **Abstract**

Iron Hardcore Gym Management System is a system that is developed to ease the workflow of Iron Hardcore Gym management. Some of the features that are provided in this system include the workout progress, damaged equipment report including review and trainer reservation. Before the development of this system, Iron Hardcore Gym was using manual registration using paper-based through fill in form and physical logbook. By using system management, the member registration and any reservation or report details in the Iron Hardcore Gym will be automated and will enhance the workflow of the gym become more organizable. This project develops a system that involves website which can register online without needed to go the gym. For this project, I added the trainer reservation and workout progress features so that the member progress can be monitored by the trainer. The system has demonstrated that it is better to use this kind of management system compared to manual ways and apply it to the Iron Hardcore Gym to produce a new organizational way for future work.

## **Abstrak**

Iron Hardcore Gym Management System adalah sistem yang dibangun untuk memudahkan aliran kerja pengurusan Iron Hardcore Gym. Beberapa ciri yang disediakan dalam sistem ini termasuk perkembangan latihan, laporan peralatan yang rosak termasuk tinjauan laporan dan tempahan pelatih. Sebelum pembangunan sistem ini, Iron Hardcore Gym menggunakan pendaftaran manual menggunakan kertas melalui borang pengisian dan buku log fizikal. Dengan menggunakan pengurusan sistem, pendaftaran ahli dan sebarang tempahan atau perincian laporan di Iron Hardcore Gym akan automatik dan akan meningkatkan aliran kerja gim menjadi lebih teratur. Projek ini membangunkan sistem yang melibatkan laman web yang boleh mendaftar secara dalam talian tanpa perlu pergi ke gimnasium. Untuk projek ini, saya menambahkan ciri-ciri tempahan pelatih dan kemajuan latihan agar kemajuan anggota dapat dipantau oleh pelatih. Sistem ini telah menunjukkan bahawa lebih baik menggunakan sistem pengurusan seperti ini dibandingkan dengan cara manual dan menerapkannya ke Gym Hardcore Iron untuk menghasilkan cara organisasi baru untuk pekerjaan masa depan.

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