

**UNIVERSITI TEKNOLOGI MARA**

**APPLYING RAPID APPLICATION  
DEVELOPMENT METHOD IN DEVELOPING  
GRADUATE INTERNSHIP MANAGEMENT  
SYSTEM (GIMS)**

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## **ABSTRACT**

The Ministry of Higher Education in collaboration with the Department of Graduate Employability (GEm), Universiti Teknologi MARA (UiTM), Shah Alam, has launched a high-end internship program for graduate students to cater for national needs for skilled and experienced knowledge workers to drive the growth and prosperity of Malaysia in the future. This program is specifically tailored to expose high-achieving students in public tertiary education institution in Malaysia to the real working environment of selected high-end industries while enabling them to gain valuable knowledge, skills and experience in respect to the types of industry that they are assigned to. This internship program is called High-End Industry Graduate Internship Program (HEIGIP). As a part of the working committee who is directly involved in the program, UiTM has been selected to develop an online web-application system which serves as the primary collaboration platform for participating parties. The web-application which is required by the top management of the HEIGIP program, namely Graduate Internship Management System (GIMS), consists of four (4) modules which correspond with four (4) types of user. The modules are Super-Admin Module for GEm users, Mentor Module for lecturers, User Module for the internship students and Supervisor Module for participating companies that take-in the internship students. As a member of the web-developer team who is responsible for the development of GIMS that is led by Mr Hamid Othman, the Coordinator for system development of InfoTech, UiTM. This thesis focuses on the integration of Rapid Application Development (RAD) methodology in the research and development of web-based internship management system with multiple users and user specific functionalities that are set by the HEIGIP committee.

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