Universiti Teknologi MARA

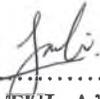# Violet Tint Inventory Management System (VIMS)

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**Thesis submitted in fulfilment of the requirements for
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STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

Violet Tint Inventory Management System (VIMS) is a web based system that study has been conducted at Violet Tint Company (VTC). VTC is a film installation of heat filter that sells and provides service of installation of tinted for home and building windows. Currently they are using manual process to manage their inventory management activities. The manager need do manage the inventory flow in and out manually. The staff need to calculated manually the stock used amount for every project that they handled. To solve this problem, the model used in the development of VIMS is a Adapted Waterfall Model. The Adapted Waterfall Model involve requirement analysis, system design, implementation, verification and validation phase. Besides that, system testing plan and evaluation from user and expert also has been done as a method to test the functionality, usability and interface design of the system. The system has been tested by three (3) expert users and thirty (30) respondents. The mean is 4.35 with standard deviation of 0.69 has been achieved for the satisfaction evaluation. This system will provide a better solution to manage the problem faced by Violet Tint in managing their inventory activities.

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