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of the regulations governing the award of
the Degree of
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**Developing a Tailoring Application with
3D Graphics**

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ABSTRACT

This report is considered on how to apply system analysis, design, implementation and testing in order to build a real world system. This project is about a Tailoring System that include 3D model in it. This system is more on practical and feasible database system for the user to use. This project uses methods that such as HCI concepts and Object-oriented Methodologies. The system is more concentrate on user friendly. The creative and attractive screens are added to enhance its friendliness and the screens are based on the Graphical User Interface (GUI) designed.

The aims of the project are to produce a product where it enables to gives benefits to the customer and the users who undertake the tailoring business. The project will help the tailoring organization to handle their business in the systematic and effective way if compare to the use of written document method. Besides, the project will give advantages to the customer where they can satisfy their choices by using the product before they ask the tailor to tailor their wishes garments.

The features of the project consist of two parts. The first part is implement a tailoring system that enables to key in the human body's measurements, key in transaction and garment information, view data, print receipt and maintain the customer and employee's details. The second part is implement a movie that is about the user chooses the colors and applies to the 3D model, and the 3D model will convert into the movie format by turning around to show the clothes more obviously.

As a result of this project, most of the features are met the requirements that were mentioned. But, there are slightly different in the 3D model part where choosing the garments has been changed to choose the garment's colors. The results of the testing show that all the functions were operated as expected. The results also show that the project will benefit the tailoring organizations in the future. The 3D model part also gave advantage to the customer.