

**AN EXPLORATORY STUDY IN INTERACTIVE CAR CATALOGUE SYSTEM
ON TABLETOP DISPLAY SYSTEM**

By

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Dissertation submitted in partial fulfillment of
the requirements for the
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CERTIFICATION OF APPROVAL
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CERTIFICATION OF ORIGINALITY

This is to certify that I am responsible for the work submitted in this project, that the original work is my own except as specified in the references and acknowledgements, and that the original work contained herein have not been undertaken or done by unspecified sources or persons.

DANNY NGU TECK YEIK

ABSTRACT

This report covers on the implementation of tabletop tablet to display interactive catalogue system in the car industry. This project is a prove of concept indicating that the multi touch techniques are really useful in car industry as the user can direct manipulate sense of touch on viewing the car catalogue. This is proved when car purchasing activity or car road show take place. It focuses on the background on the catalogue whereby less interactive and low in usability discussed.

The prime objective of this project is to investigate whether by having tabletop tablet will add and induce usability via user collaboration enabling more than one user to perform moving, resizing, zooming and rotating the car catalogue projected on the tabletop. On the literature section, it had been mention details of the architectural, design and application component. It also findings and readings on the multi gestural techniques, natural user interfaces (NUI) and the multi touch development platform.

On the methodology part touches on the timeline and period how the project being carried out. Attached together the Gantt chart and flow chart on the event flow and task schedule. Discussion and result section talks about the development of the project and outcome of it. Description and explanation was included on how the multi-touch application being developed integrated with the entire component. Discussion regarding the system advantages, recommendation for future opportunity and weakness included in second last section. The recommendation described and explained taking into account of the system weakness and further improvement on the further coming years. Last section is the conclusion, discussing on the hope and key aspect achieved throughout the software development and progress.

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