

UTP second hands book for sale on campus (SHBSC).

By

Ismail Hamid Ousman

Extended Proposal submitted in partial fulfillment of

The requirements for the

Bachelor of Technology (Hons)

(Information Technology and Communication System)

September 2012

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CERTIFICATION OF ORIGINALITY
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Approved by,

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CERTIFICATION OF ORIGINALITY

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

ISMAIL HAMID OUSMAN

ABSTRACT

There is an annual generation of used books otherwise termed ‘second hands book for sale on campus (SHBSC) which are available after students have passed on to the next class during their study. This may become not immediately useful to that student but remains very useful to the upcoming fresher who may not be able to purchase brand new books especially textbooks. This becomes an alternative source to acquire same required knowledge at very much lower cost and affordable one in that case. Therefore, there is need to come up with new technologies to facilitate the gathering of numerical data which spells out the type and nature, place and time including the quantity of such second hand books available. The software clarifies the meaning of the data by highlighting the patterns that a human can easily detect while also reorganizing the data to be visually pleasing. Users can set of heuristics to measure how closely the reorganized data matching the user’s specifications and intention for the appearance of the data, and to assess the program’s effectiveness in making the data easier to understand. Using a university campus as an example, this research investigates student needs and consequent satisfaction with the creation of a website, that provides easy access for students to sell off and/or buy books and other items, and explores various methods for determining where to locate them as well. This campus currently has great need for additional web services and is required to meet the need for ‘second hand books’ disposal to potential student customers.

ACKNOWLEDGEMENT

Apart the efforts from me, the success of any project depends largely on the encouragement and guidelines of many others. The author wishes to express his gratitude to his supervisor, and to people who have been instrumental in the successful completion of this project. I would also like to show my appreciation to Mr. Faizal bin Ahmad Fadzil for his tremendous support and help. I feel motivated and encouraged every time I attend his meeting. Without his encouragement and guidance this project would not have materialized. The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. I am grateful for their constant support and help.

In addition, I would also like to thank Saipunizam Bn Mahamad, who provides us with valuable information's and guidance all through our final year project (FYP 1&2). Finally, my unending appreciation to families; friends for their understandings; and supports during and after completion of the project. And most importantly is to ALLAH (SWT) for the wisdom and mercy showed to me from time until the very moment.

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