De La Salle University - Dasmariñas

# Computer-Based Instruction on Discrete Mathematical Structures for Computer Science

**CBI - DMS**

A262S

An Undergraduate Special Problem
Presented to
The Faculty Mathematical Sciences and Computer Studies Department
De La Salle University – Dasmariñas

In Partial Fulfillment
of the Requirements for the Degree
Bachelor of Science in Computer Science

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## 9.0 Conclusion and recommendations

### Conclusions

Automated tools are now considered to be aids in learning. Moreover, coursewares are now widely accepted as an alternative for the traditional teaching process.

CBI –DMS is a courseware designed to make Discrete Mathematics easier to learn. It features examples, exercises, and exams in order to enhance and evaluate the skills of the student in learning Discrete Mathematical Structures. Its main purpose is to educate 1st year or 2nd year Computer Science students in Discrete Math.

The courseware includes the hypertext feature in order to give the user immediate information about the hypertext word.

### Recommendations

Courseware applications are beneficial in the field of education. It stimulates the interests of the students in learning more about a certain subject, which in this case, Discrete Mathematical Structures.

Converting the simple courseware into a multimedia which would feature interactive activities and active videos would make the courseware more interesting.

A print option can be added so that students can print a copy of the lesson and study the topic far away from the computer.

Also, an online-help feature could also be added so that students may navigate the courseware easier.

Moreover long exams could be added after 2 lessons or more, depending on the discretion of the programmer.

Sounds could also be integrated as well, to make the courseware more enticing to the user.