Abstract

The objective of this thesis is to develop a web database application to manage the administrative functionalities of the client, Girls’ Brigade Australia. Girls’ Brigade Australia has a major problem of managing their data and information. This thesis talks about the authors’ solution of developing a database application to manage information. A database itself is not enough because it is not accessible anywhere. Therefore, the authors decided to create a web database application to provide accessibility for users around the world.

This thesis is mainly a web application where it can connect to a database to store, update and delete information. The focus of this thesis is about data management. How we store data into a database, how we could update the information as well as deleting the information. The authors use a web application as the user interface to deal with these database operations. The reason for this is because the authors want to provide interactive user interface for the users.

The result of this thesis is a working web database application which covers all the requirements which are stated in chapter 1.

In conclusion, this thesis application helps Girls’ Brigade Australia to manage their information into a database system and simplify their administration functions. It also solves problems such as redundancy, integrity and consistency. Overall, this thesis has successfully been implemented and helped the users minimize the problems mentioned above.

Keywords
Web Database Application, Girls’ Brigade Australia, Zend Framework, PHP, MySQL, Administration.