Recommendation system for Web Based Library Management

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Declaration

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Abstract

The Securities and Exchange Commission of Sri Lanka (SEC) was established in pursuance of the Securities and Exchange Commission of Sri Lanka Act, No. 36 of 1987 as amended by Act No. 26 of 1991, Act No. 18 of 2003 and Act no. 47 of 2009. The Securities and Exchange Commission (SEC) is the regulator for securities market in Srilanka. There are several objectives of the SEC such as the creation and maintenance of a market in which securities can be issued and traded in an orderly and fair manner, the protection of the interest of investors, the operation of a compensation fund to protect investors from financial loss arising as a result of any licensed stock broker or licensed stock dealer being found incapable of meeting his contractual obligations; and the regulation of the securities market and to ensure that professional standards are maintained in such a market.

The project is mainly focused in the development of a web based software solution to streamline the operations in the SEC's library. The SEC library consists of more than 1500 books in more than 10 categories with over 100 members. The system will help the librarian to perform basic library functions and allow members to reserve books through it. The major component of the system is its recommendation facility which will give suggestions for the users to select books based on their preferences.

Contents

List of Tables

List of Figures