

E1-23: Development of a web site with dynamic data

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The World Wide Web is the most commonly used and possibly the largest information system available at present. Most of the Web sites in the Internet

use static Web pages to present information with hyper links. There are several disadvantages in this procedure such as the inability to cater for specific user needs and to update existing pages ensuring consistency of information. A Web site with a database as the back-end for information storage provides a new dimension, as maintaining consistency of the information and the production of dynamic Web pages is possible through the database.

A Web site with dynamic data was developed for one-day international (ODI) cricket data. The information processing involves data management, retrieval, producing dynamic reports and answering potential user requests. Output of the system includes the ability to present user requests as Web pages and on-line updates of information.

A Web site for ODI cricket information which stores the data available in an ODI score card and other related information in its central database was constructed with a Relational Database Management System. All the frequently asked questions regarding ODI cricket are answered using the database with relevant processing. User interface with options for different categories of interest is provided to the users. Up-to-date statistical information for user requests is presented as dynamic Web pages. This information is useful to anybody who wants to study strengths and weaknesses of players and teams.