INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD
(Deemed University)

(A center of excellence in IT, established by Ministry of HRD, Govt. of India)

DBMS MINI PROJECT (13)

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DBMS Mini Project: Design and implement a Web-based/Desktop newsgroup system.

Abstract of the project

The objective of this project is to create a newsgroup application (either web based or desktop based) already stacked up with lots of news in different categories like politics, sports, business and more. Many newsgroups would be made available to the user to subscribe to depending on user's interests.

Specific Technology

Oracle/Access, Java, Swing, JDBC for Oracle Connectivity.

Project Tasks
- Draw ER diagram,
- Key attributes, Non-key attributes, Primary key identification,
- Data base design has to be done.
- Front-end and back end, finalization along with connectivity.

Functional components of the project

Following is a list of functionalities of the system. More functionality that you find appropriate can be added to this list. And, in places where the description of functionality is not adequate, you can make appropriate assumptions and proceed.

The application should have a user login database system backed by restaurant entries in the database.

- The application should have a user login system.
- The system should provide ratings system for the users for the articles they read and should keep track of the articles already read by a user.
- Users might post comments in response to the articles they read on these

newsgroups.
- Users should be able to add their favorite articles to read in the future.

- Other functionalities maybe added to improve the project.

Submission

The project presentation has to be done by each member to show periodically the progress and the complete project submission should contain the following:

- ER diagram:- key attributes , non key attributes, and primary key identification.
- Project can be extended or modified depending on the functionalities of the project.