

PurpleView – Research Paper Review Sy

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PurpleView is a PHP/SQL Research Paper Review System designed to help distributed projects development. Its purpose is to serve as a collection of materials relevant to a field of interest. The system's review capability allows users to rapidly evaluate the usefulness of research papers stored in Purpleview's database. Submission of materials in different categories and platforms aids their systematization. The system's sorting and searching provide powerful and expedient way of data examination. PurpleView incorporates discussion forums through a forum link provided in the data for each research paper.

The additional features added to PurpleView help increase its effectiveness. The system's notification and message board keeps members up-to-date with database's latest changes. PurpleView's rank list shows users' activity according to the submitted materials and reviews. Paging capability reduces bandwidth demands and improves clarity of big databases. Security logins and automated database backup assure respectively the PurpleView's accountability and availability. Ease of configuration allows multiple instances of the system to run on a single web server.

PurpleView was developed 6 months ago. Since then it has been intensively used by the IDLLabs group and is currently hosting 120 papers along with 300 reviews. Recently, PurpleView has been released as Open Source software and published under the GNU license. A demo and the source of the latest version are available at papers.idllabs.com/demo/.

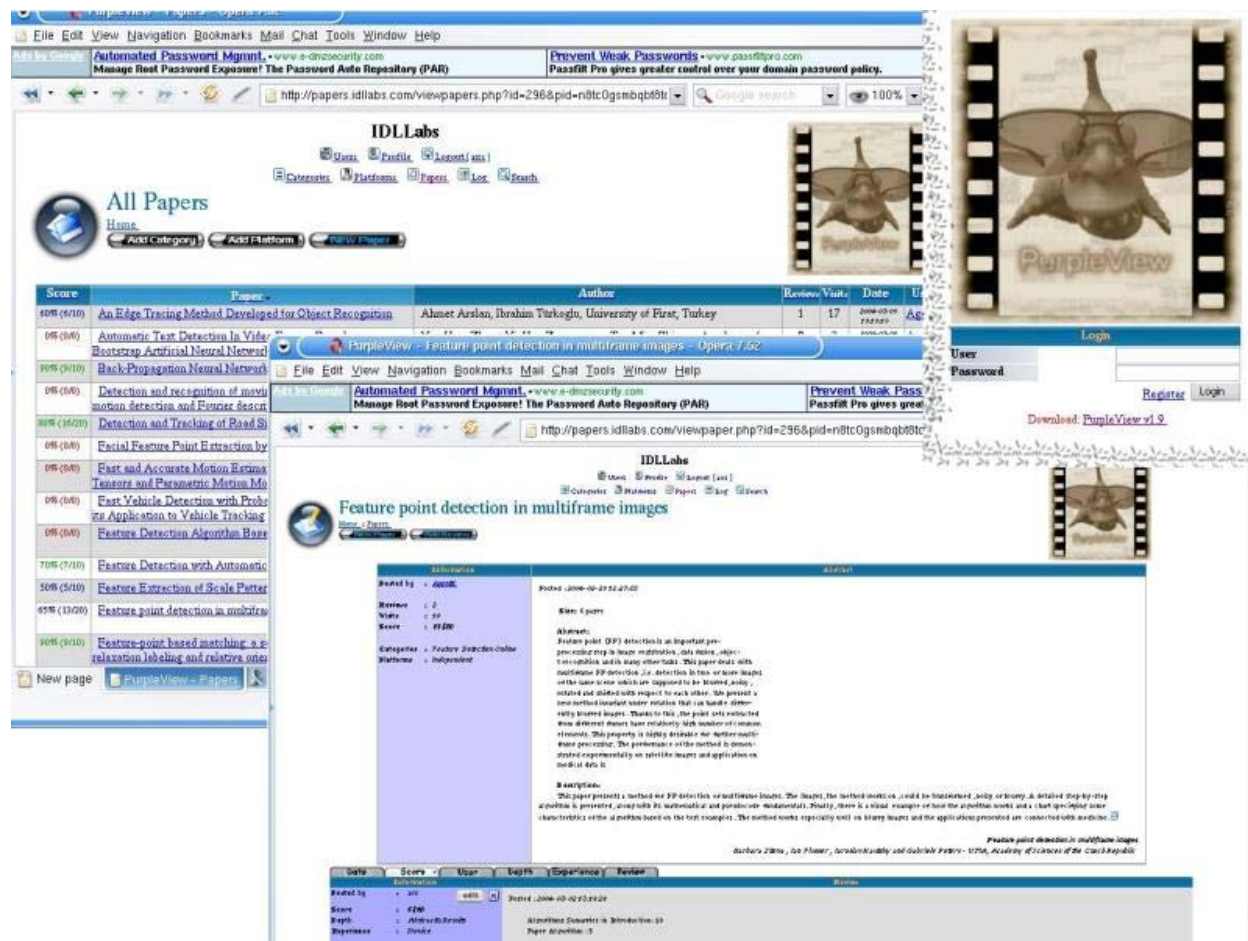


Figure 1: Different parts of PurpleView showing its design and capabilities (database papers – up left, login screen – up right, paper and reviews detailed view – bottom).