Collab-Net on line: An on line platform for DSS research collaboration in EWG-DSS

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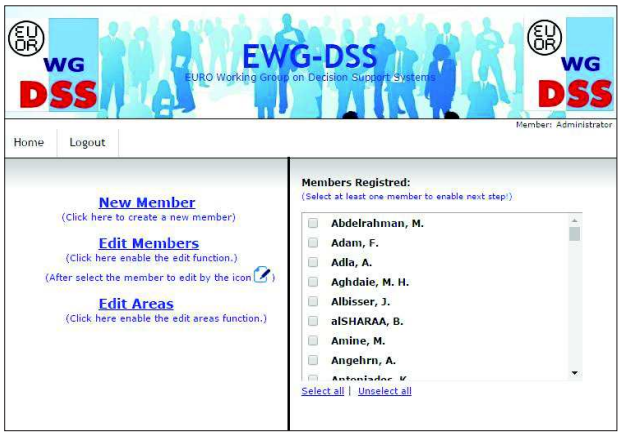
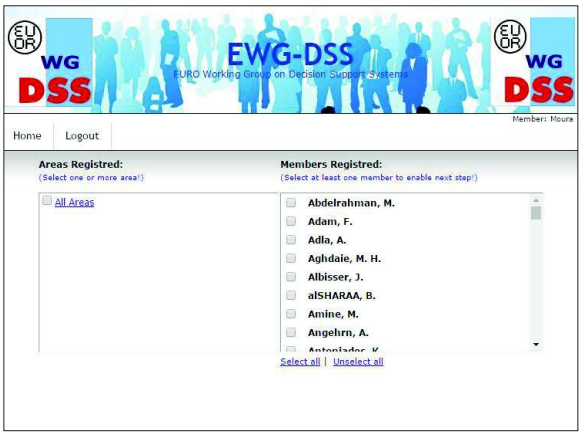
Recently, the scientific research collaboration has been extended to social network analysis area, which concerns in evaluating the collaborative interaction among papers authors within publication databases. The Collab-Net platform aims to investigate these publication relationship in an automatic way by a Web-based platform. The present system was developed using free platforms for software development and database system purposes. The main goal of the Collab-Net is to allow researchers to analyze their own collaborative network, as well as possibilities for future collaboration among EWG-DSS members only using a Web-based platform, in anywhere at anytime. The Collab-Net system can be used as two end-users profiles: Administrator and Member profiles.

ADMINISTRATOR PROFILE



MEMBER PROFILE

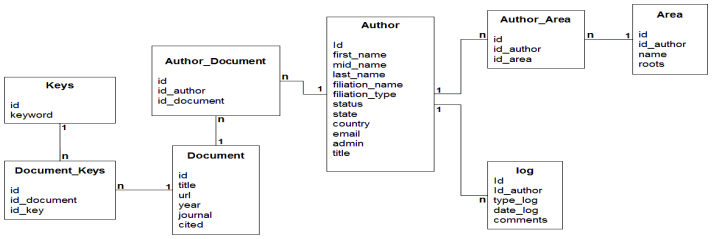


Collab-Net functionalities and technical description:

- A login page is available
- Two users' roles are possible
  - Administrator can add new members, edit members profile and remove members, add areas, edit areas, and remove areas.
  - Member can edit his own profile, find researchers by keywors or areas, run members reseach in the google scholar, and export the results in Excel format.
- Platform available at: http://www.negplace.com/collabnet/
- Developed with base on free platforms of software development and database system:
  - Eclipse Integrated Development Environment (IDE) was used to develop the Web application
  - Java development language together with Java Servlet Page (JSP)
  - Database management system MySQL was applied to for storing and retrieving data using Structured Query Language (SQL)

Google Scholar Database → Collab-Net Database
Collab-Net Web Platform Version 2.0

Data Base Model



CONCLUSIONS & REMARKS:

- The Collab-Net support members in the research of their collaboration network by key areas within the EURO Working Group on Decision Support System;
- This Web-based platform is available for all members registered in the group;
- Enables information access regards the author's published papers, such as: title, journal, year, cite number, and coauthors.
- Information recovered may provide future analysis on the researches collaboration and identify cluster areas of the EURO group.

Currently, the Collab-Net Web-based collect data from the google scholar database.

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Join us and support the EWG-DSS, visit the link: http://www.collab-net.com/