

TJHSST Senior Research Project: TJHSST
Website Redesign
2007-2008
Running Summary

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1 Summary

The code features are: staff email management, user management, password management, and news management. There are minor features like integrated spell check, as well. It uses encryption for security, and cookies are used to store temporary authentication information that is backchecked against the MySQL database. The main structure is that the user goes to the login page and enters information. The system checks for malicious code, removes it, and checks for a match in the authentication table. If so, a cookie is given with a special hash that the website will recognize as that user. Then every subsequent page loads authentication first, which does the security page. Alternatively, you leave the site but still have the cookie, and if you go to the login page you will find yourself transferred to the main page, since you already have credentials. When you use logout, the said cookie is removed. Detailed documentation is stored on Santiago in /var/www/, and available online (generally) at santiago.tjhsst.edu/phpdoc (only accessible within school).