

KING SAUD UNIVERSITY
COLLEGE OF COMPUTER AND INFORMATION SCIENCES
DEPARTMENT OF SOFTWARE ENGINEERING

Course Title: Web Applications Development

Course Code: SWE 381

Semester / Year: Fall 2018

Project: Electronic Newspaper web application.

Team members:

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Supervised by:
Lecturer Ms. Bayan AlArifi

¶ Project Report



- ***Work division:***

Work was distributed equally among team members.

- ***Issues and challenges:***

Some of the challenges we faced were the different versions of mysql we found on the internet and the ones in our tutorial and slides, so we had to figure out the updated syntax in the new mysql versions the old one.

Also, a challenge we faced was maintaining simplicity, the further we got in developing the web application the more complex the code was getting, which was hard to simplify it afterwards, so we had to refactor the code and remove unnecessary lines that weren't critical.

The issue of naming variables and web pages in meaningful identifiers, at first it was easy since we don't know what are the further steps in but as we moved on, names were getting similar and it got harder to differentiate between them, so we had to replace redundant names with more detailed names describing the actual variable or the web page.

Also, comments were at first a problem, since we didn't add comment to describe functions, or what task this code segment is presenting, so going back to read the code it was hard to understand what it did exactly, so in result we tried adding comments as much as possible to increase the readability and understandability of the code.

- ***List of project package/folder filenames and their purpose:***

- **home-page.html:**

This page is designed to allow user to Login onto the website.

- **connect.php:**

This is the php code for allowing user to Login.

- **journalist.php:**

This is the main page for the journalist, that is displayed when journalist logs in.

- **journalist-articles.php:**

This is the page that displays the journalist's articles, in two tables identified by drafts, and submitted articles.

- **journalist_new_article_form.php:**

This is the page for writing a new article.

- **journalist-articles-form.php:**

This is the page for editing an existing article.

- **addArticle.php:**

This is the php code for adding an article, also for updating an existing article in the database.

- **delete.php:**

This is the php code for deleting an article from the database when Journalist clicks on the delete icon.

- **editor.php:**

This is the main page for the editor that is displayed when the editor logs in.

- **editor-articles.php:**

This page displays the submitted articles from journalist and need the Editor's approval or feedback.

- **aprove.php:**

This is the php code for approving a selected article in the database, when the editor clicks on the approve button.

- **feedback.php:**

This is the feedback page, where the editor can enter their feedback to the journalist.

- **feedbackbutton.php:**

This is the php code for updating the database with the feedback the editor has sent when he/she clicked on the send button.

- **Adminstartor.php:**

This is the main page for the administrator, that is displayed when the administrator logs in.

- **addeditors-2.php:**

This is the page displayed to the administrator to allow adding a new editor or journalist and display the list of editors and journalists in separate tables.

- **addAccount.php:**

This is the php code for adding a new account (editor or journalist) into the database.

- **deleteAccount.php:**

This is the php code for deleting an account (editor or journalist) from the database.

- **logout.php:**

This is the php code for logging out the current account and destroying all the current session.

- **admin.css:**

This is the stylesheet for the administrator page.

- **editorStyle.css:**

This is the stylesheet for the editor's page.

- **feedback.css:**

This is the stylesheet for the feedback page.

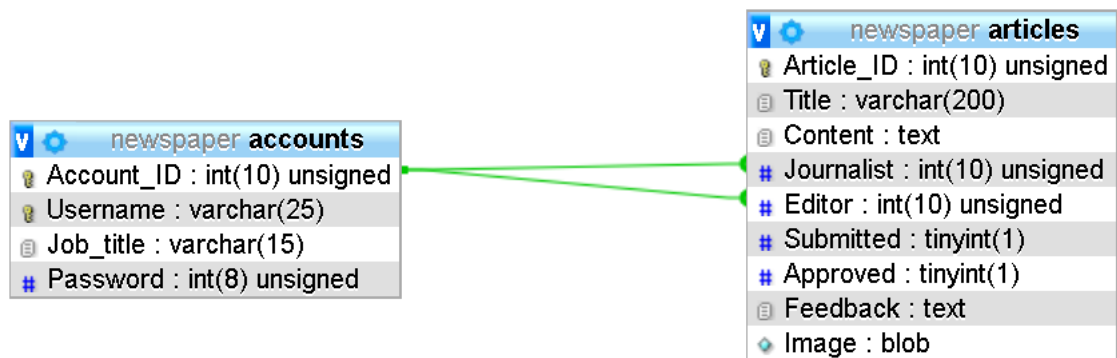
- **journ.css:**

This is the stylesheet for the journalist's page.

- **styles.css:**

This is the stylesheet for the home page.

- Data Design I.e. Entity Relationship Diagram (ER):



- Architecture diagram i.e. Sitemap:

