Cover Page
COMPSCI 345 / SOFTENG 350 Human-Computer Interaction

Assignment Three: Realizing a Design

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Place this page in the front as the first page of your document that you are submitting to Canvas

Design Documentation

A: Walkthrough:

The website "Shakespeare's Soliloquies" fills the domain of drama, specifically Shakespearean texts. The type of problem which this prototype demonstrates is an individual, peer-reviewed learning activity. Based on a question answer format.

The website opens initially to a homescreen.

The location of the mouse pointer will be indicated with a red circle

1:
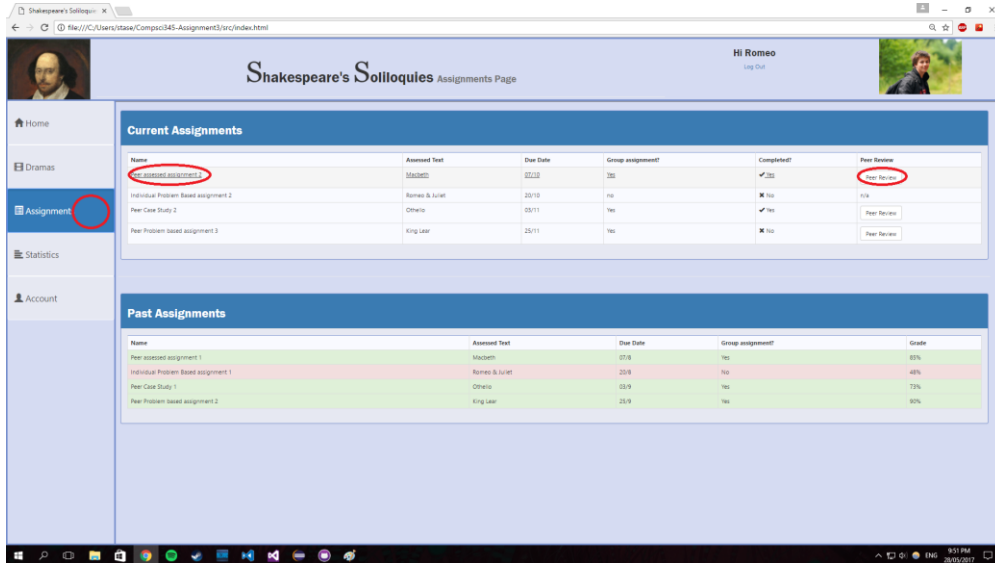
First, the user should navigate to the assignments screen by pressing assignment on the side bar, this will open up the assignment screen, listed will be current and past assignments, the user can open up an assignment by clicking on any one of the current assignments(this page will be detailed in step 2). An assignment marked as completed will instead open to an assignment review screen, with pre-filled data. The user can also press the "peer review" button on a current assignment. This will allow them to peer review assignments(this page will be detailed in step 3).

2:

In the assignment screen, the user is able to open and collapse the answer boxes, and enter answers into the text field, when they are done, they can press the submit button, which will take them to the previous screen.

3:

Once clicking on the peer review button on the assignments screen, the user will be brought to this page, where they are able to peer review a specific group member by clicking on the 'Peer review' button.

4:
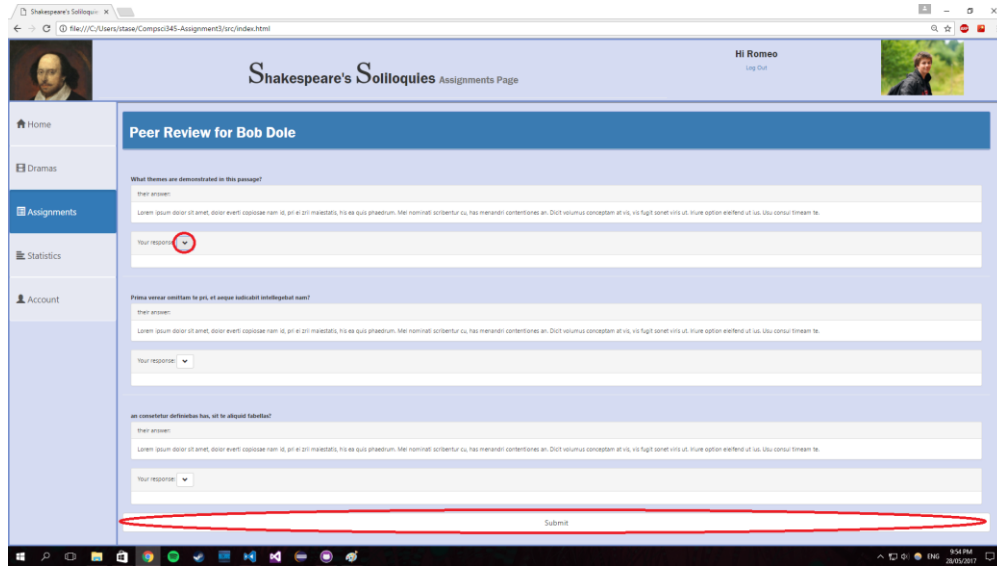
Once the user is brought to this page, they are able to view the answers that the student gave to each question. The user is able to open and collapse response boxes, allowing them to enter their peer reviews for each question. The submit button at the bottom of the page will take them to the previous screen once they are done.

In addition to the screens demonstrated in this scenario, the user is also able to
- View past assignments(and not edit them)
- View a list of available texts in the Dramas section
- View notes, full and summarised texts for each text in the dramas section

Out of scope:

Certain functionality and features were left out of this prototype, unimplemented functions include:
- Statistics screen
- Account screen

Also, certain functionality behind the ui was not implemented as the functionality is still effectively portrayed by this prototype
This includes:
- On pressing any of the submit buttons, no data is actually submitted to a server. This includes assignments and peer reviews.
- If a user submits an assignment, the data will not be there again if they navigate to that assignment a second time.
- Additionally, there is no checking that an assignment or peer review has been fully filled out. However it could be considered valid if a user doesn't put an answer in for a question.

B: Colour Scheme:

Overall this prototype has implemented a Monochromatic colour scheme based on the colour purple, each colour and their roles will be detailed below:

COLOUR	RGB: XX, YY, ZZ	PURPOSE
	RGB: 213, 219, 242	Overall background throughout the site
	RGB: 230, 232, 242	Background for panel bodies
	RGB: 117, 142, 205	Border for the sidebar, page-header and panels.
	RGB: 58, 123, 178	Panel headers and sidebar buttons
	RGB: 249, 250, 255	Lists within panel bodies

Additionally, for panel headers, a font colour of white is used to ensure enough contrast with the text. And black text is used everywhere else for the same reason

Rationale: Overall, by having a monochromatic colour scheme, emphasis on different parts of the page can be emphasised by different shades of the colour. While maintaining a consistent style throughout the prototype. By having the darker panel headers, a contrast is created which draws the users vision towards the header, as it creates an emphasis on the header as it contrasts heavily against the lighter background. By using a consistent colour scheme such as this, a sense of grouping and separation is created. As a part of the page with a distinctly different shade has a distinct purpose on the page. Aiding the users navigation of the prototype.

C: Borders Scheme:

Overall, solid lines were chosen for borders throughout the site, using the colour as detailed in the colour scheme above. A thicker border was employed for the separation between the sidebar and page-header. This creates a very distinct separation between this part of the prototype, and the enclosed main-screen. Thinner borders of the same colour were used for the outline of panels. Giving a distinct "Edge' to these elements, aiding in the visuals of the site as users are clearly able to see where an element is on the page. Due to the nature of panels, whitespace has naturally been created, showing a distinct separation between distinct parts of any given page. Additionally, plain white horizontal lines have been used to increase this sense of separation where needed.

D: Fonts Scheme:

Font-name	Example	Role
Segoe Ui	This is an example of Segoe Ui	All text otherwise not covered by the over fonts
Franklin Gothic Medium	**This is an example of Franklin Gothic Medium**	All headers (h1, h2, h3)
Georgia	This is an example of Georgia	The "S" letters in the page-header title

Overall the approach was to keep the number of fonts down to a minimum to ensure consistency. Segoe Ui is a neat font that lends a professional feel to the entire website, and this is quite suitable for most text, however its rather light type makes it not suitable for headers and titles, as it does not have enough weight. Franklin Gothic medium is a much heavier font, and is thus well suited to panel and page headers. Finally Georgia was used to give a little flair to the page-title while keeping it tidy.

E: Resources used:

- jQuery
- Bootstrap
- Bootstrap code snippets from http://getbootstrap.com/components/ and http://getbootstrap.com/css/ These were used for components such as panes, buttons, tables and forms
- Stack Overflow (only for ideas, no direct use of code from the site). Mainly for JavaScript scripting (using messaging to contact the main page to change the content of the content-page(iframe))
- Shakespeare image: https://commons.wikimedia.org/wiki/File:Shakespeare.jpg used under public domain (PD-OLD-100)
- Boy image: https://pixabay.com/en/human-boy-students-face-head-812733/ under CC0