

Coursework Report

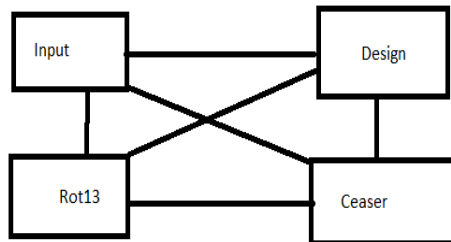
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1 Introduction

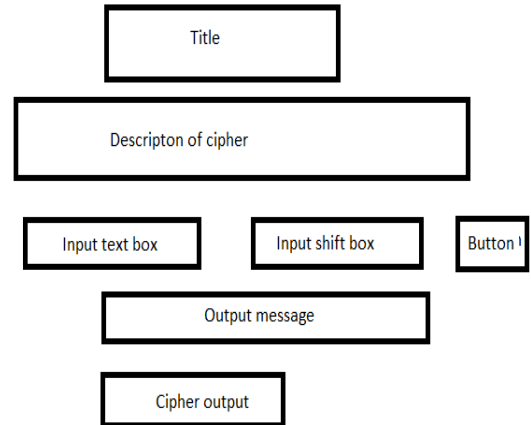
The website is to show several ciphers. It was implemented using HTML, CSS, and Javascript. The site includes 4 pages an index.html page, a design.html page and a html page for each cipher that are implemented in Javascript. The two ciphers within the site are a Rot13 cipher and a Ceaser cipher.

2 Software Design

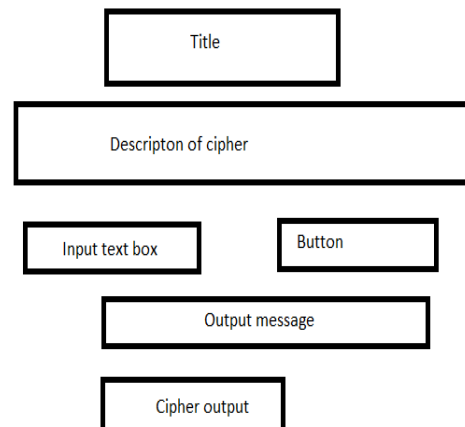
The website is required to have an index page which acts as a home page and allows access to the other ciphers. A design page which shows all of the design aspects included in the site and a page for each cipher which will contain a description and an input box to allow text to be enciphered and deciphered. There will be two cipher pages a rot 13 cipher and a ceaser cipher. All the pages will be connected by a menu bar at the top of the screen as shown below and have a pink background with blue text throughout the entire site.



Shows how all the pages are connected to each other



Layout of the Rot 13 page.



Shows the layout of the Ceaser page.

3 Implementation

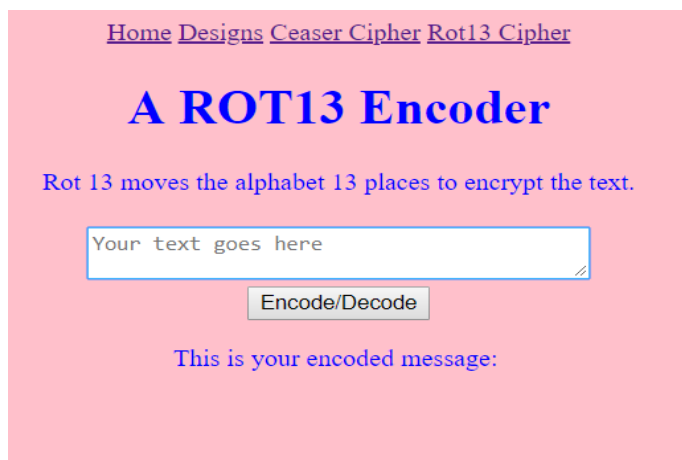


The index page gives a brief explanation of ciphers and

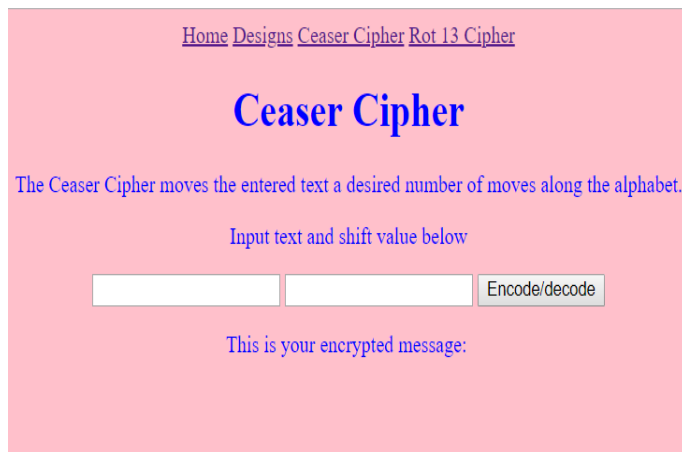
allows navigation to the other pages.



The design page shows all of the presentational items used within the site such as the menu and input boxes.



The rot 13 cipher layout allowing the user to input data and the result to be sent to the output box.



The ceaser cipher layout allows the user to input text and a number of how many shifts they wish it to take.

4 Critical evaluation

The site was required to have an index page from which visitors can navigate. This site uses a menu at the top of the page allowing easy navigation. a design page which showed all the presentational elements, the design page in the site shows how within the site elements such as menus and input boxes have been used. A page for at least two ciphers was

also required, the site contains two ciphers a rot 13 cipher and a ceaser cipher allowing visitors to change the shift.

4.1 Improvements

Improvements that could be made are to have more ciphers on the site and the site could be made more user friendly

5 Personal evaluation

While doing this coursework i have learnt a basic understanding of css, html and javascript. I had never done any of these before so it was a challenge to start from scratch i feel i performed well although i also feel i could have done more and added more ciphers to the web site.