The University of Northampton

Web Development I

https://1a2nd3ip4.github.io/csy1018/

Submitted by:

Name: Punam Dahal

UN ID: 17421487

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1. Introduction

This project is about making a portfolio that includes home page, CV page, bio page and contact page. I have made this project trying to meet the requirements to make my portfolio attractive using various material designs including transitions, animations, gradient and shadow. I have also used list items and pictures to navigate from one page to another. Similarly, I have used simple and changing background to provide a good finishing to the portfolio. Furthermore, I have also linked social media to my portfolio. Header and footer are placed properly in every page. All around, I have tried to make my portfolio user-interactive. I used a combination of green and blue colour for header and section and black in footer, constituting a light theme.

I have used flex to give proper structure to my portfolio. Despite of other properties, I preferred flex because it is easily manageable. We can give easy and proper placement to any div using flex structure. Flex properties like; flex-end, flex-around, flex-between, column wrap, row wrap are used to give proper shape to the portfolio.

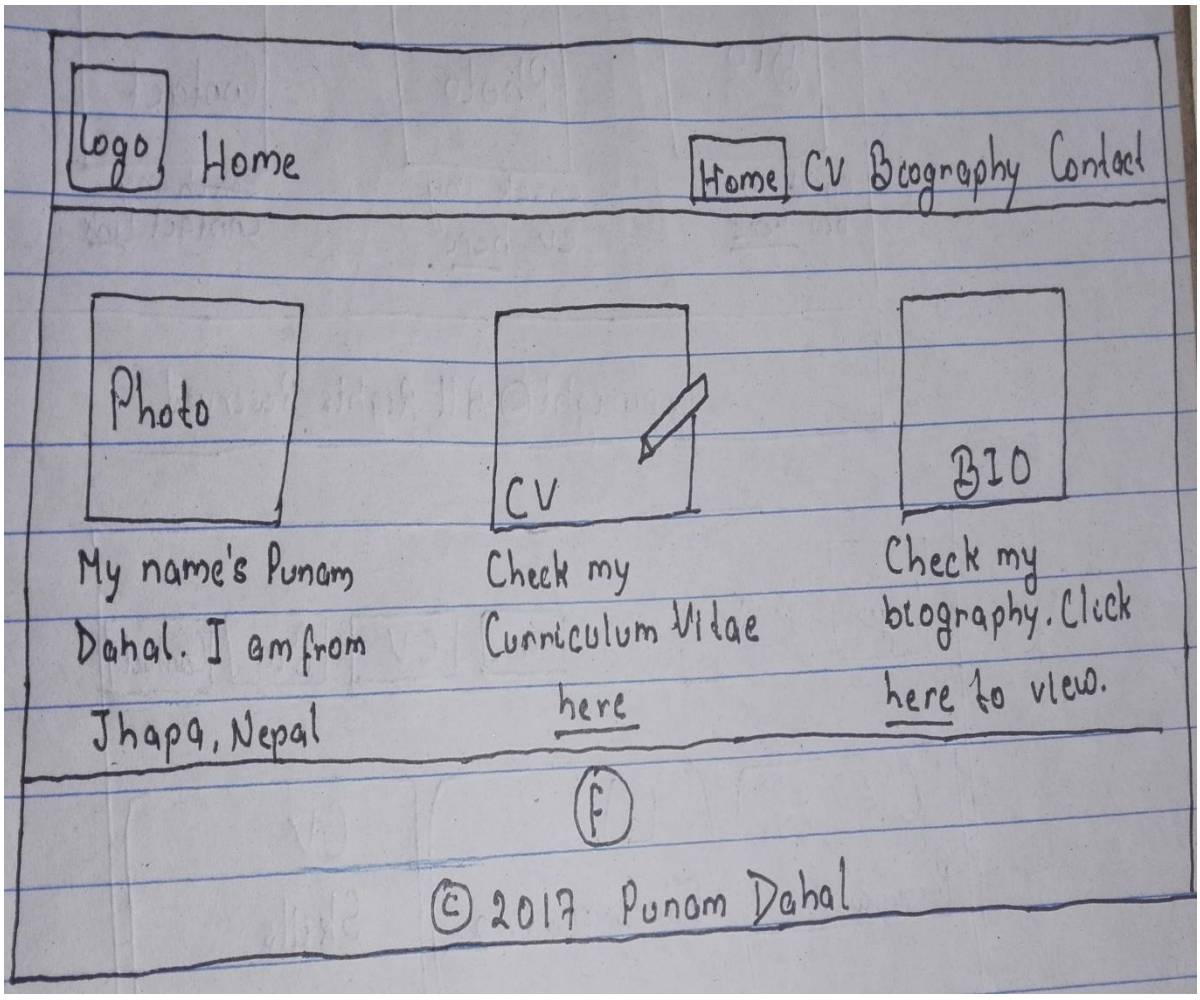
2. Sketches

2.1 sketches for desktop design

Firstly, I drew some rough sketches before implementing my ideas directly to the portfolio design. I made many sketches so to compare them and select the best sketch for the design.

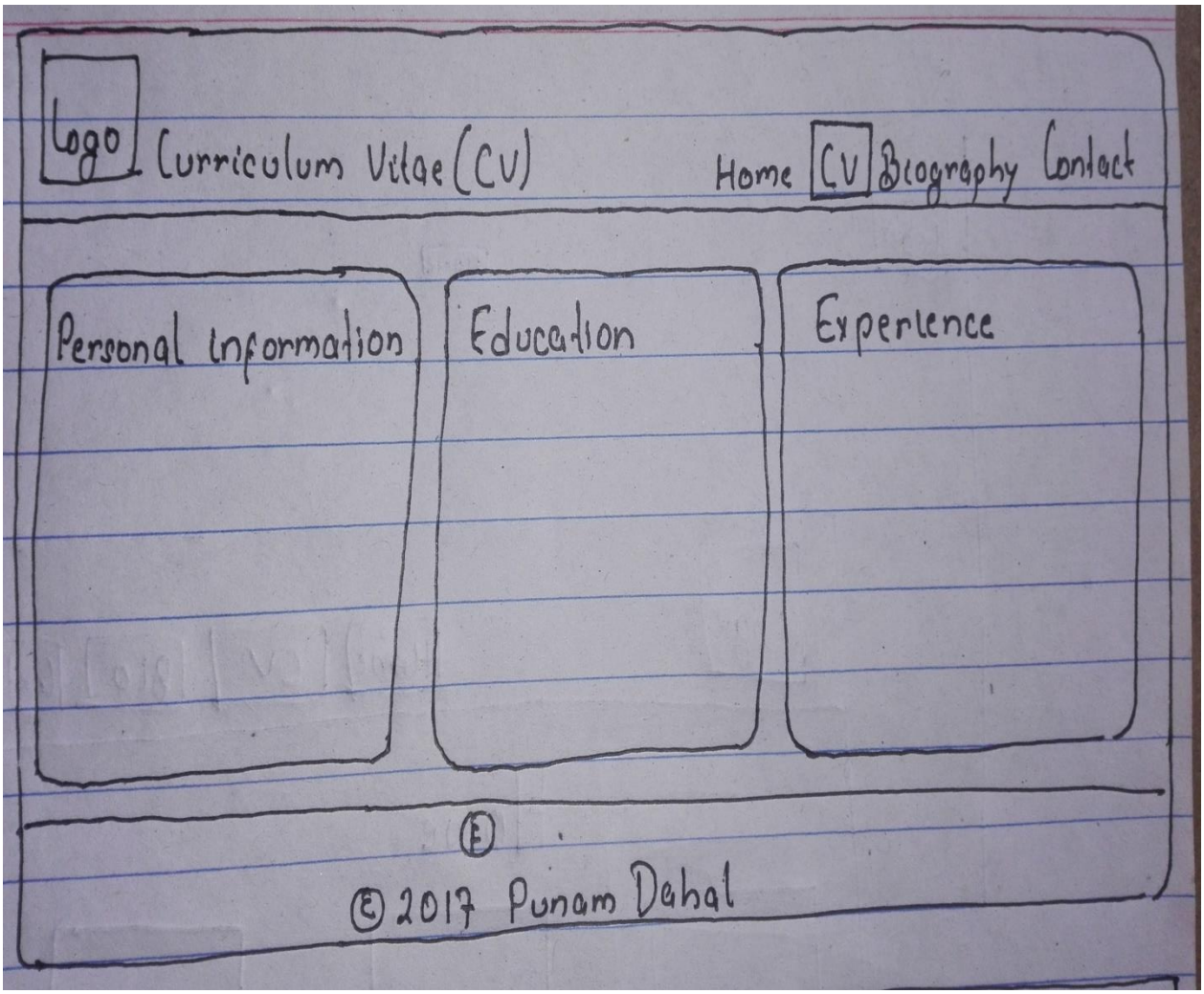
2.1 Sketches of Home page

This is my final sketch for home page.



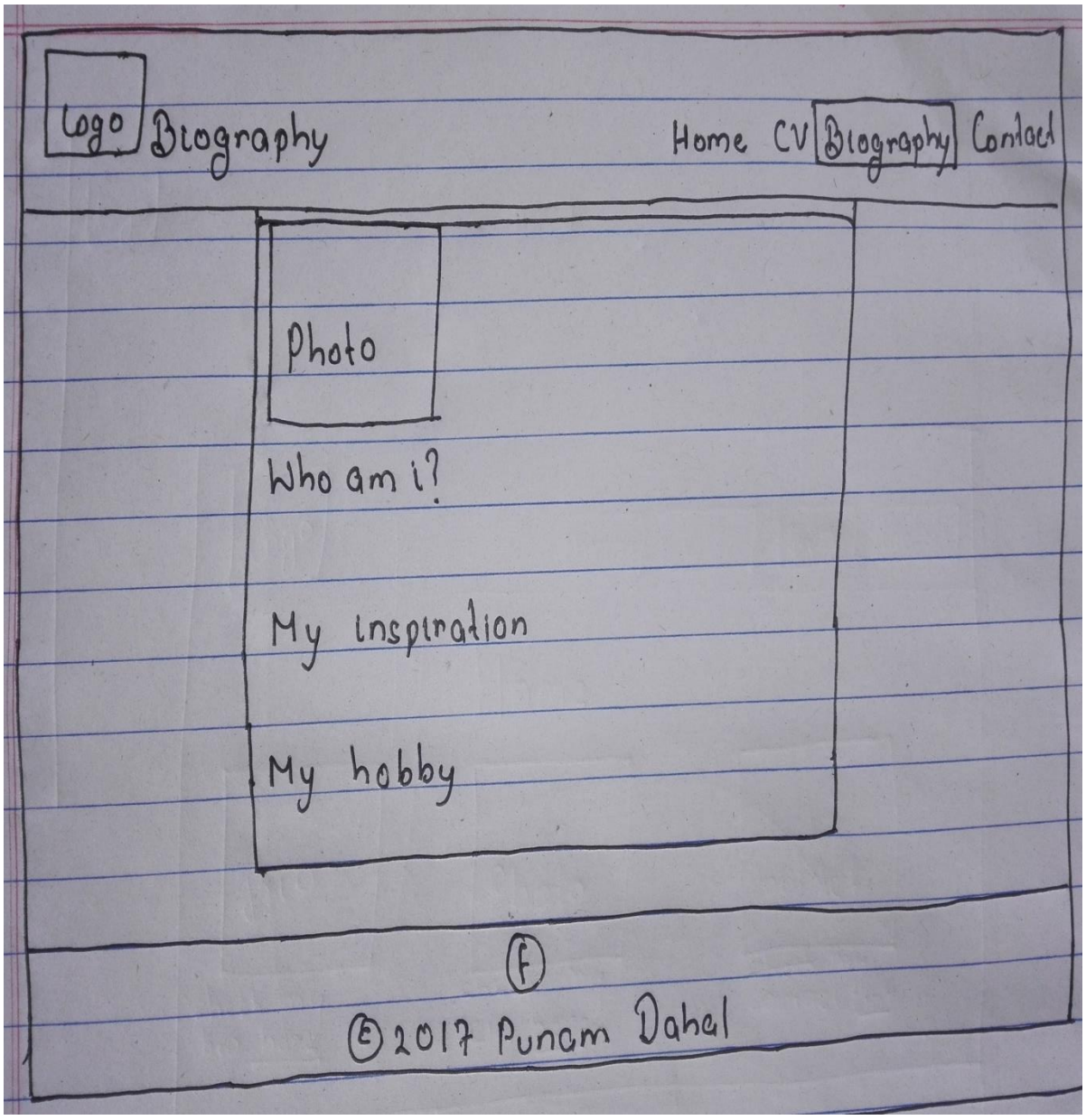
2.2 Sketches of CV page

This is the final sketch for my CV page



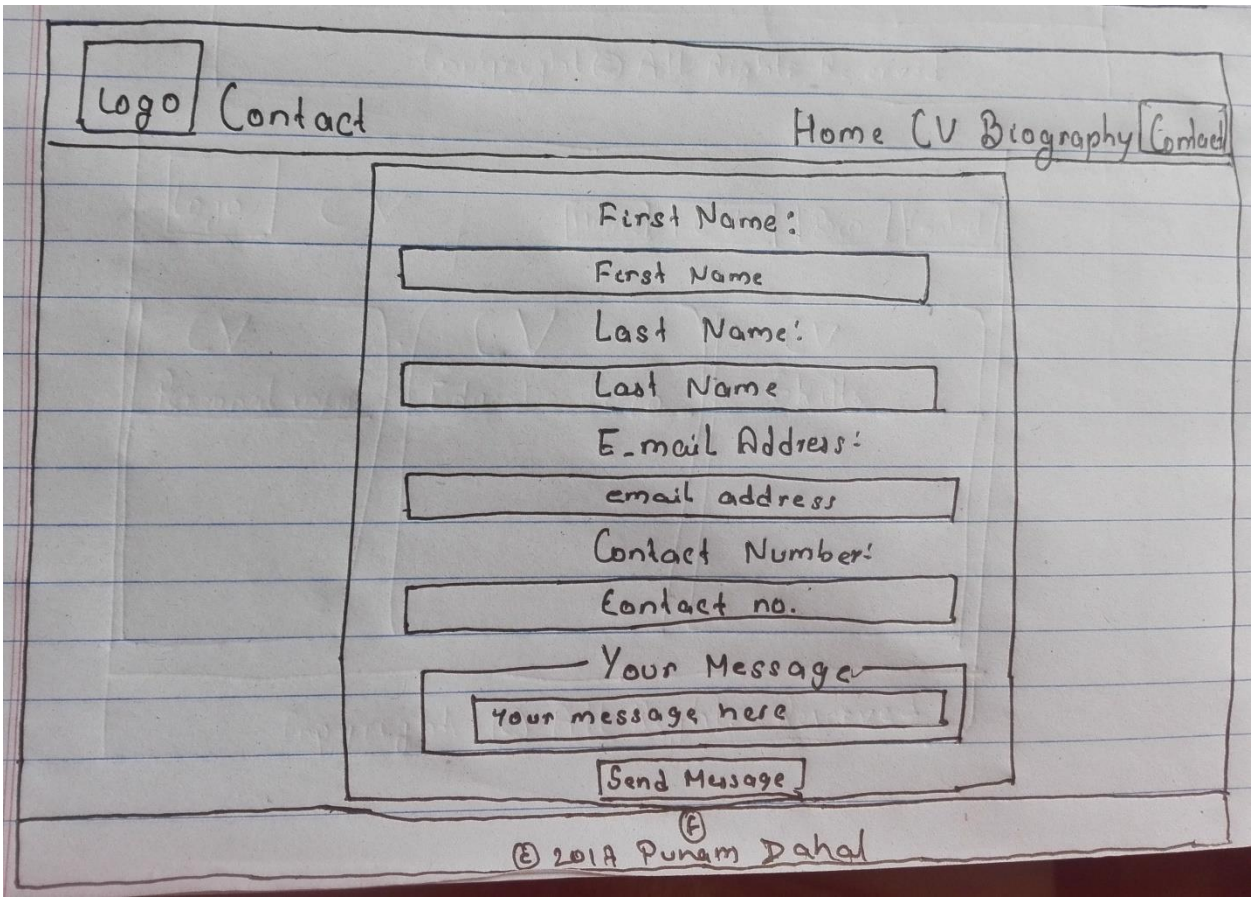
2.3 Sketch of Bio page

This is the final sketch for my Bio page.



2.4 Sketches of Contact page

This is the final sketch for my Contact page.



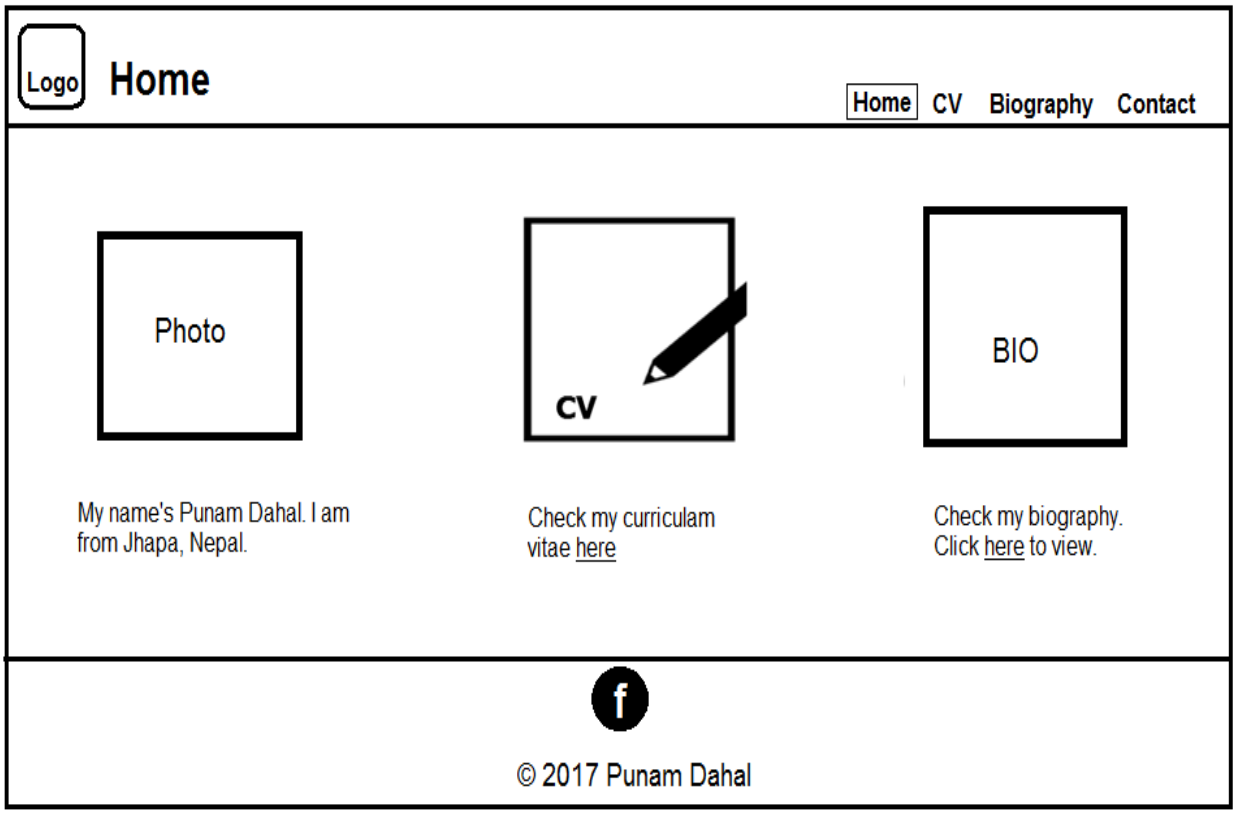
3. Wireframes

After completion of sketches, I made simple wireframes considering the sketches to make it easy to give final look to the design of portfolio.

3.1 Wireframes for desktop design

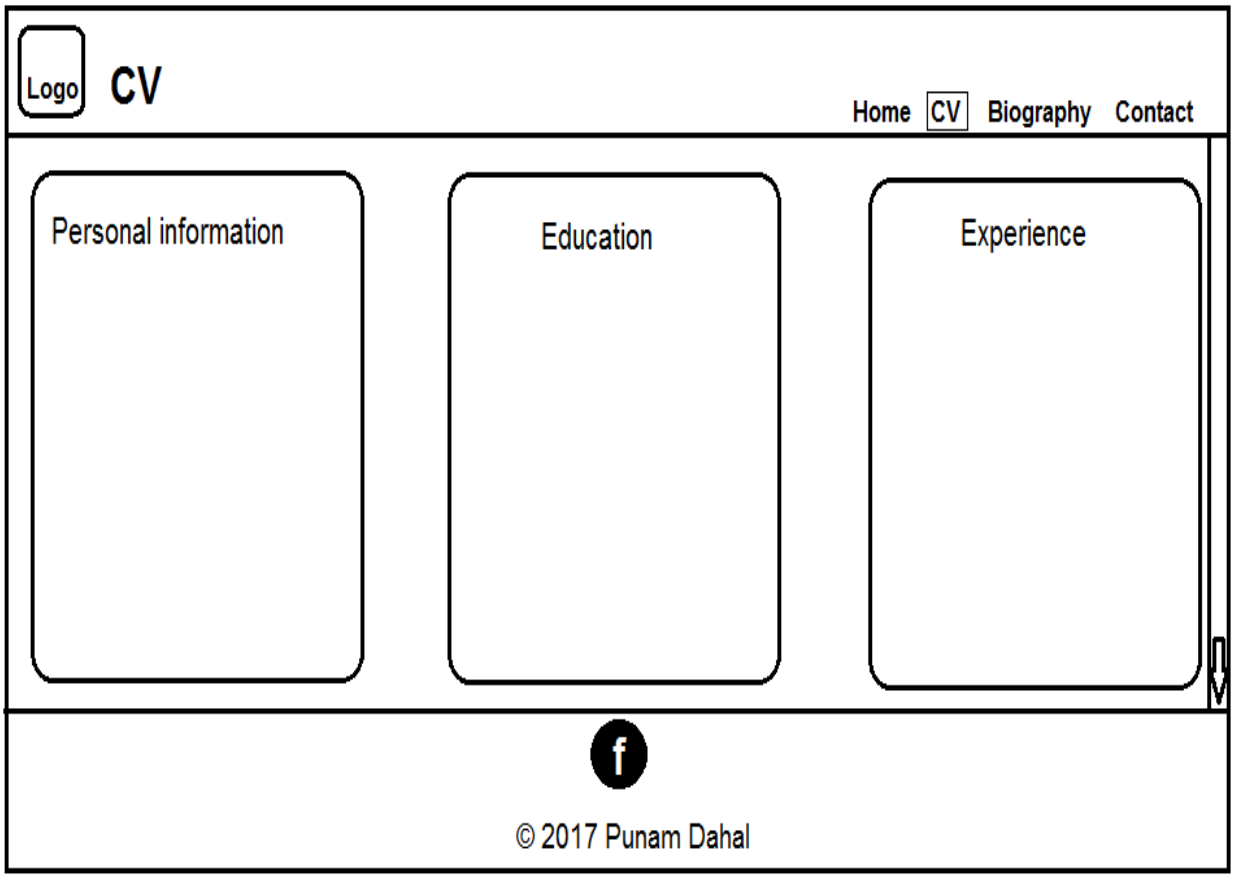
3.1.1 Wireframe of Home page

This is the wireframe of home page.



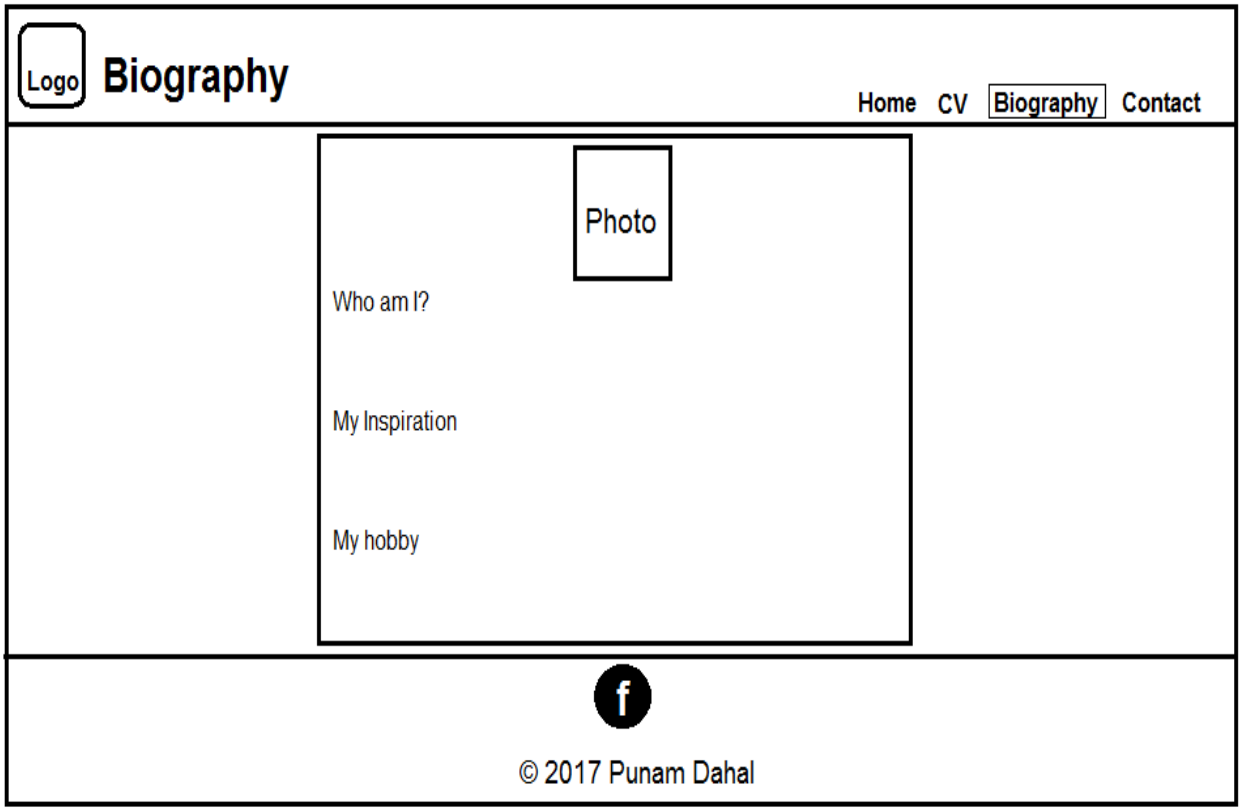
3.1.2 Wireframe of CV page

The wireframe of CV page is as below.



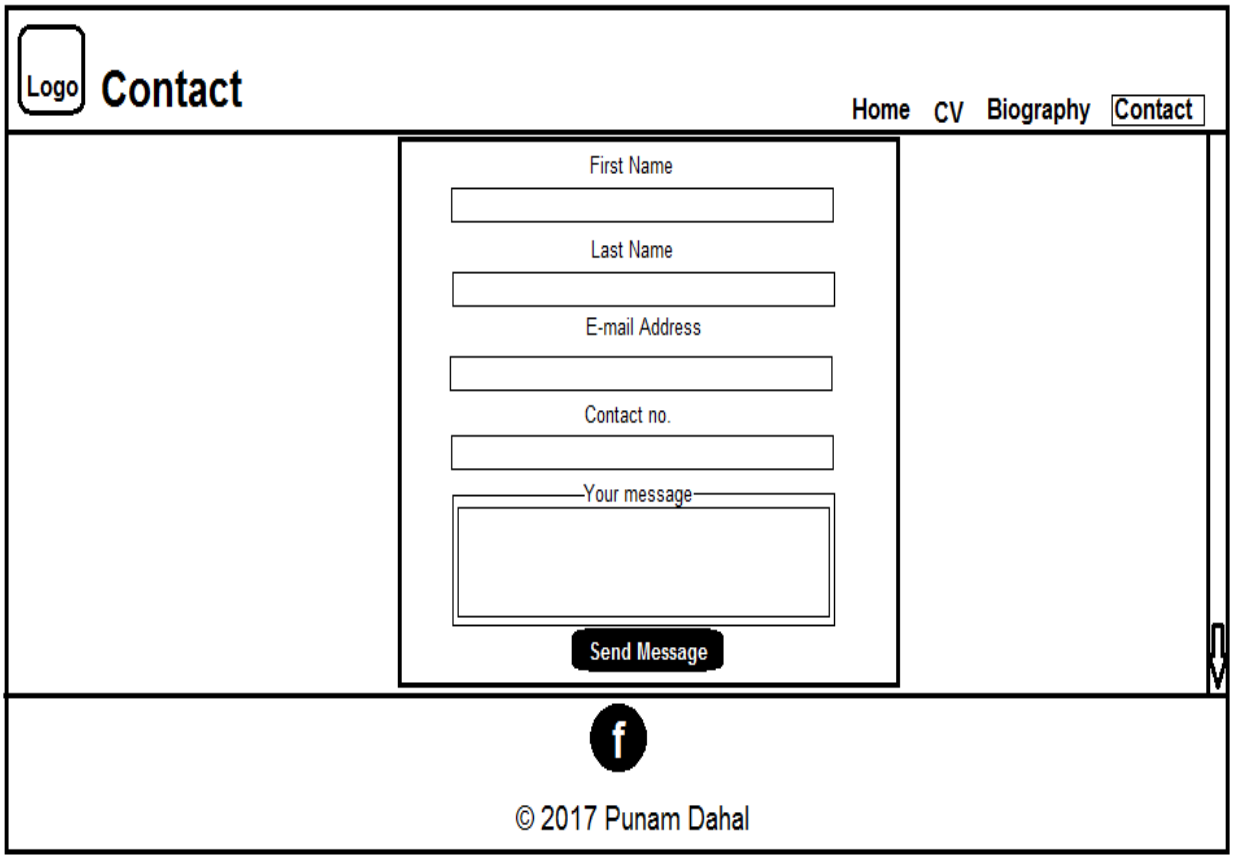
3.1.3 Wireframe of Bio page

This is the wireframe of Bio page.



3.1.4 Wireframe of Contact page

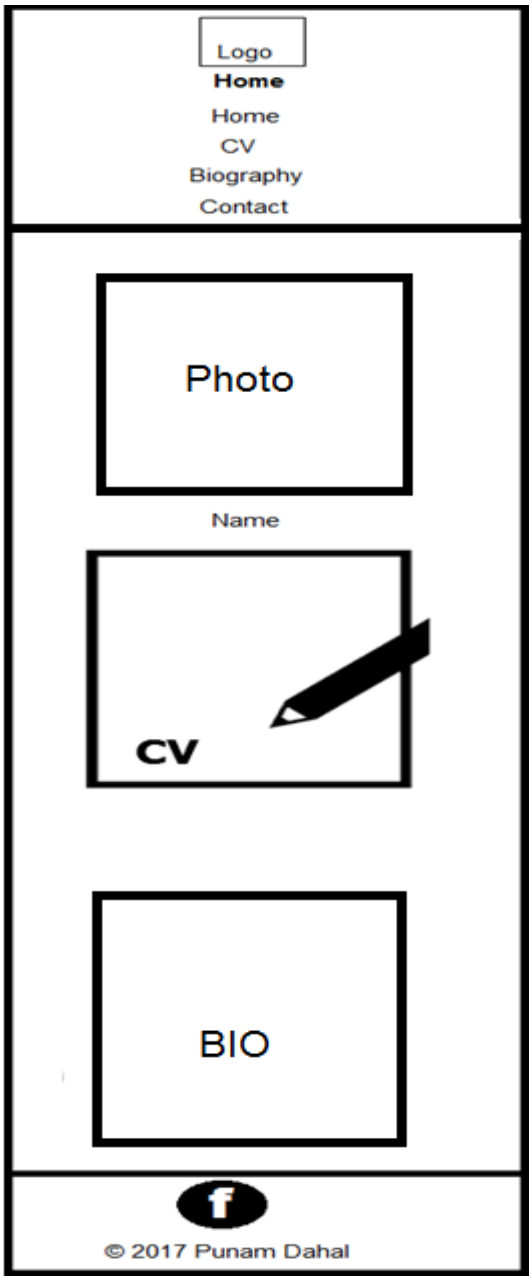
This is the wireframe of Contact page of the portfolio.



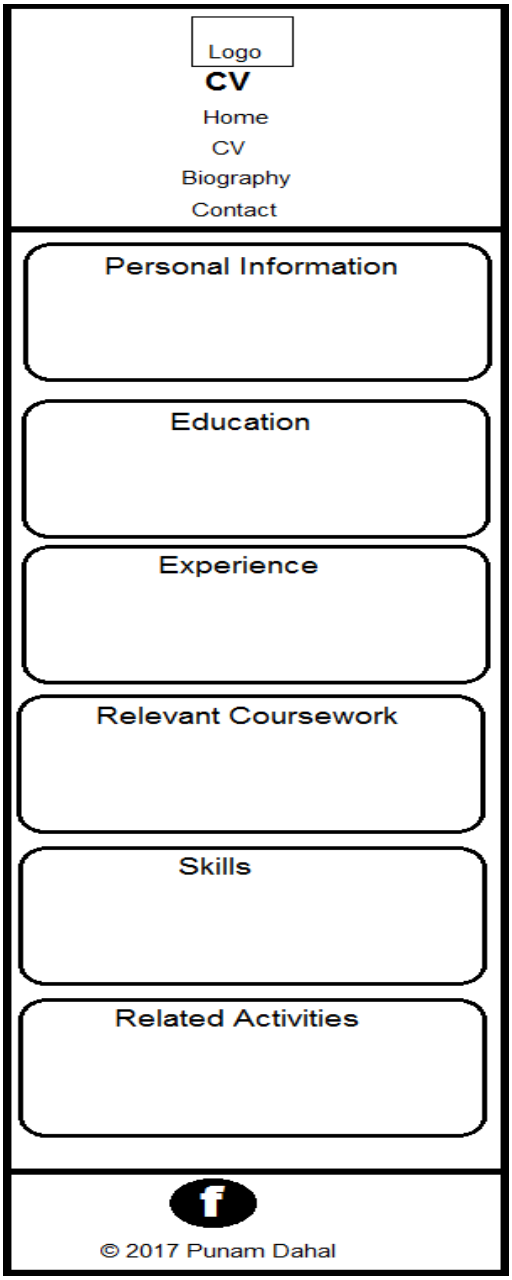
3.2 Wireframes of mobile design

I have also made the wireframes and designs for mobiles. So the portfolio is applicable in mobile frames.

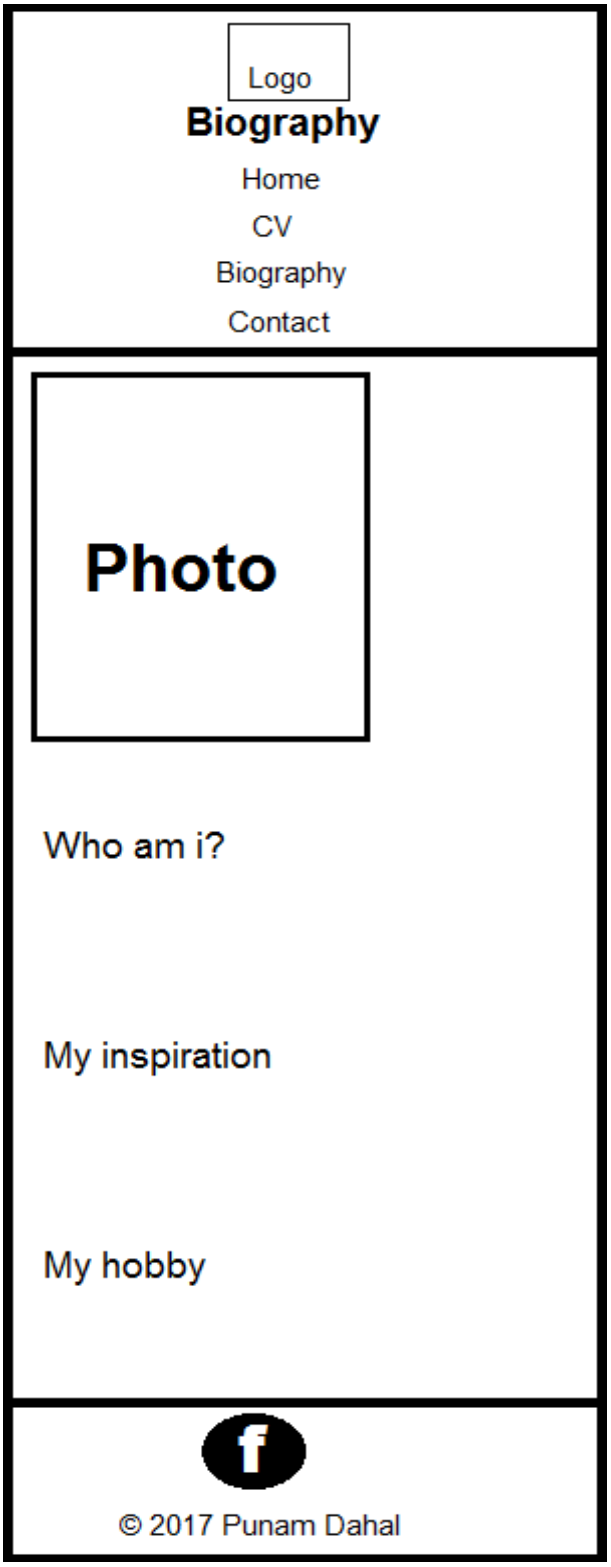
3.2.1 Home page in mobile design:



3.2.2 CV page in mobile design:



3.2.3 Bio page for mobile design:



3.2.4 Contact page for mobile design:

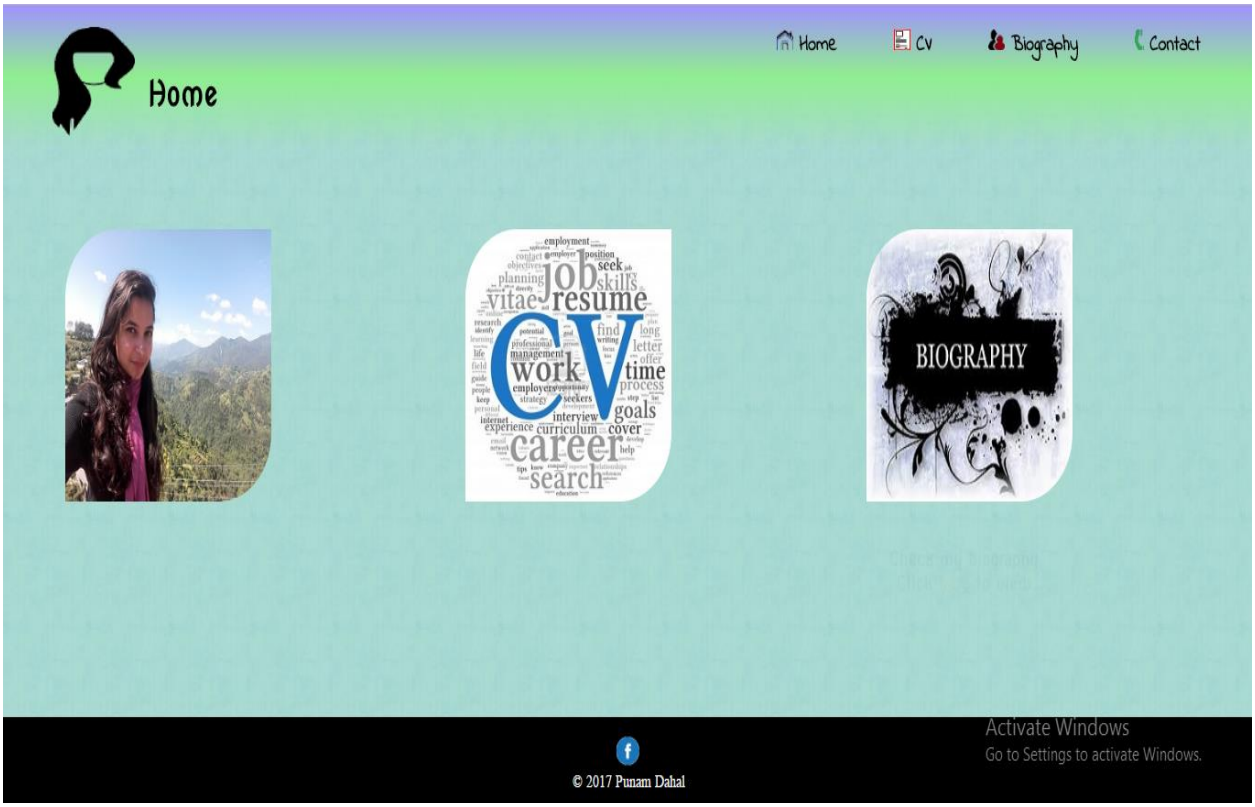
4. Design

After many alterations in my past designs I have made my final design for my portfolio. It has proper placement of header and footer. The header contains logo and menu bar. The menu bar contains buttons like home, CV, biography and contacts that link user to their respective page. Similarly, the footer consists of social media link and copyright section.

4.1 Desktop design

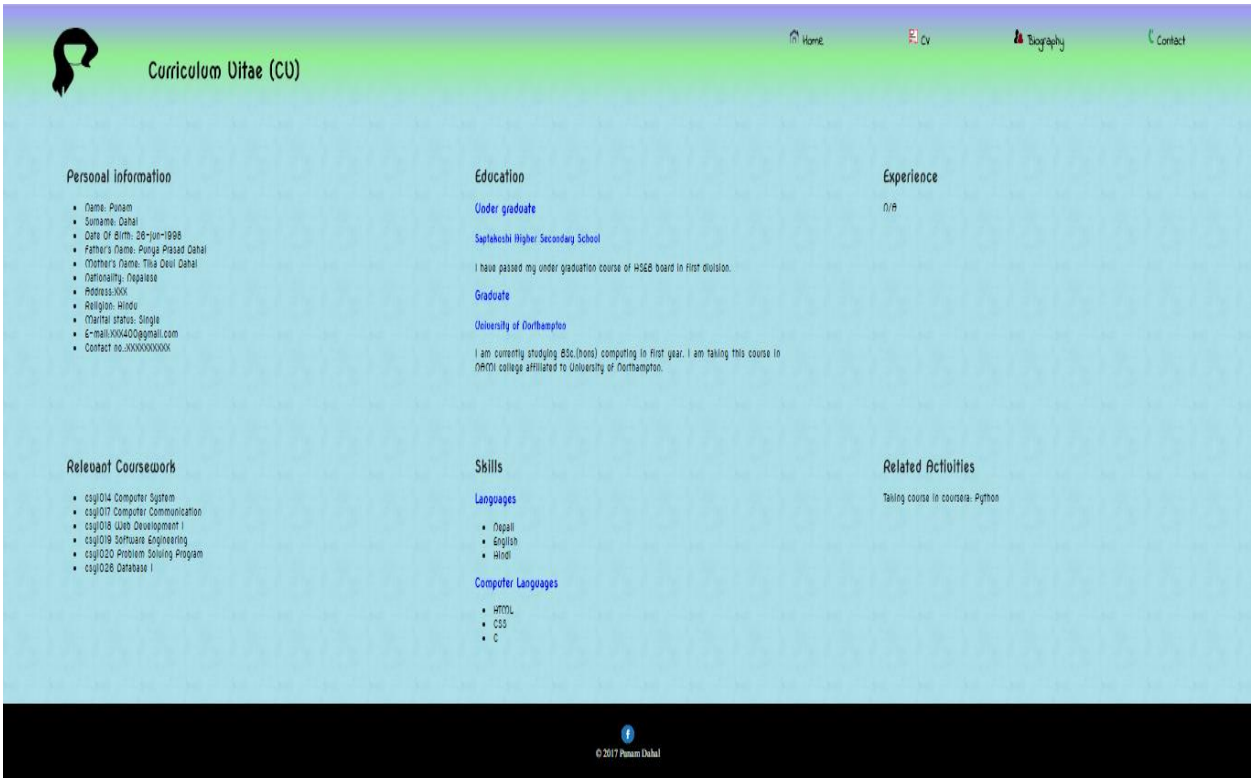
4.1.1 Design of Home page

This is the design of the home page of the portfolio. It contains three pictures containing personal name and address, CV and Bio. When those images are hovered, they rotate in Y axis that gives 3d effects.



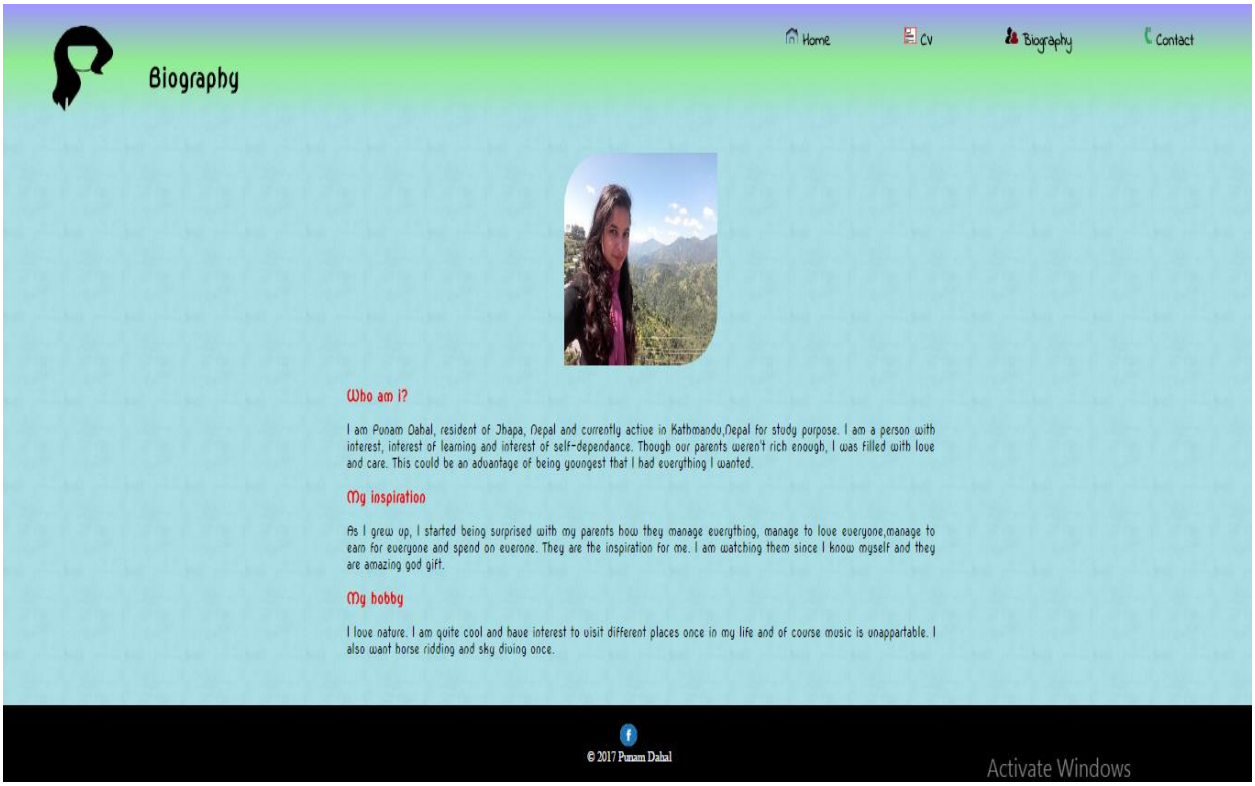
4.1.2 Design of CV page

This is the design of CV page of my portfolio. It contains brief about my personal information, education, experience, related coursework, skills and related activities. When these sections are hovered, their background colour change into white with black shadow and the division enlarges.



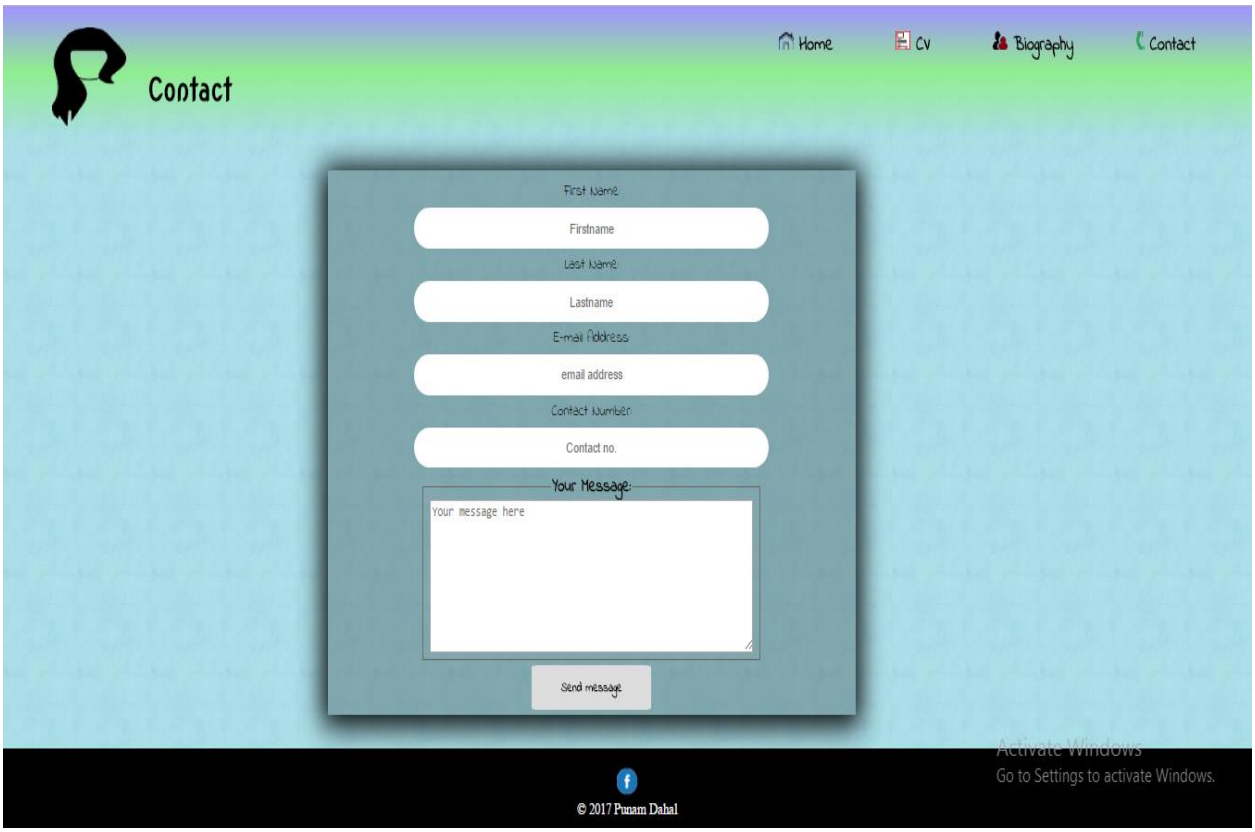
4.1.3 Design of Bio page

This is the design of Bio page of my portfolio. It contains a brief biography about me and describes about me, my inspiration and my hobby.



4.1.4 Design of Contact page

This is the design of Contact page of my portfolio. It contains a form that the user needs to fill in order to contact me. The form includes fields for first name, last name, e-mail address, contact number and a section for the message that the user wants to deliver to me.



4.2 Mobile Design:

4.2.1 Design of Home page:

4.2.2 Design of CV page:

4.2.3 Design for Bio page:

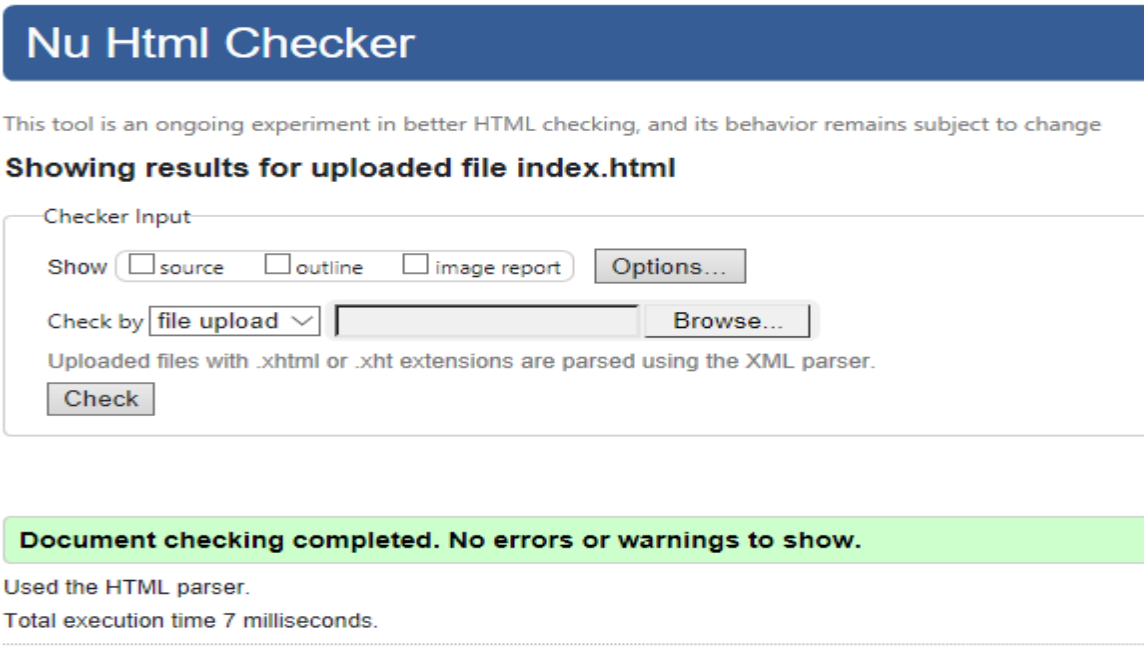
4.2.4 Design for Contact page:

5. Testing

I have used HTML tags with proper indentation. Only HTML and CSS tags are used in the portfolio. After completion of the project, I validated all the html and CSS files for HTML5 and CSS3 on the provided link.

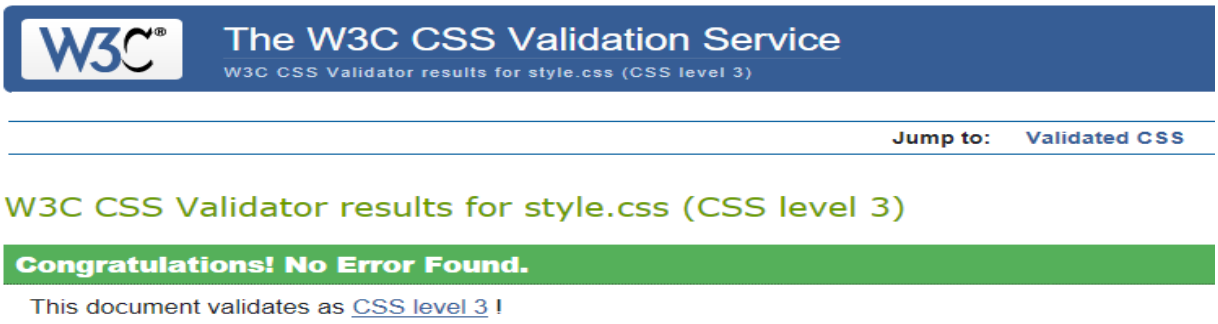
5.1 HTML validation:

A sample of html validation is as below and other pages of html are also validated in similar manner.



5.2 CSS validation:

A sample of CSS validation is as below and other pages of CSS are also validated in similar manner.



6. Time taken for the project

This project was provided estimating the time of around 2 months for the completion of the project. I have started this project in 02/15/2017 and concluded this in 04/05/2017. Overall, the completion of this project took around 8 weeks.

7. Conclusion

Finally, this project is completed by meeting all the requirements. I thought of designs of different pages and drew some sketches. I changed sketches of the pages in the process. I drew wireframes from those sketches. During the process, I researched on colour combinations for good design. Finally, I made the portfolio implementing my findings.

On the other hand, due to limitation of time, some of the aspects couldn't be implemented. There were some features that could not be added due to lack of time.

8. References

Joel (2015) About Joel, [online]. Available from: http://joel.sh/about [Accessed 18 March 2017].