

The University of Northampton

Web Development 1 Assignment

Submitted by:

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GitHub Live URL: https://123una975.github.io/work_web_mk

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1. Introduction

This is a project for my portfolio. I researched on different portfolio sites before designing one for mine. Also I researched on good practices and some mark-up codes to make my portfolio simple yet attractive. I took a look at <https://www.w3schools.com> and learned to enhance the design of pages while putting the contents properly in pages as in <https://joel.sh/about>.

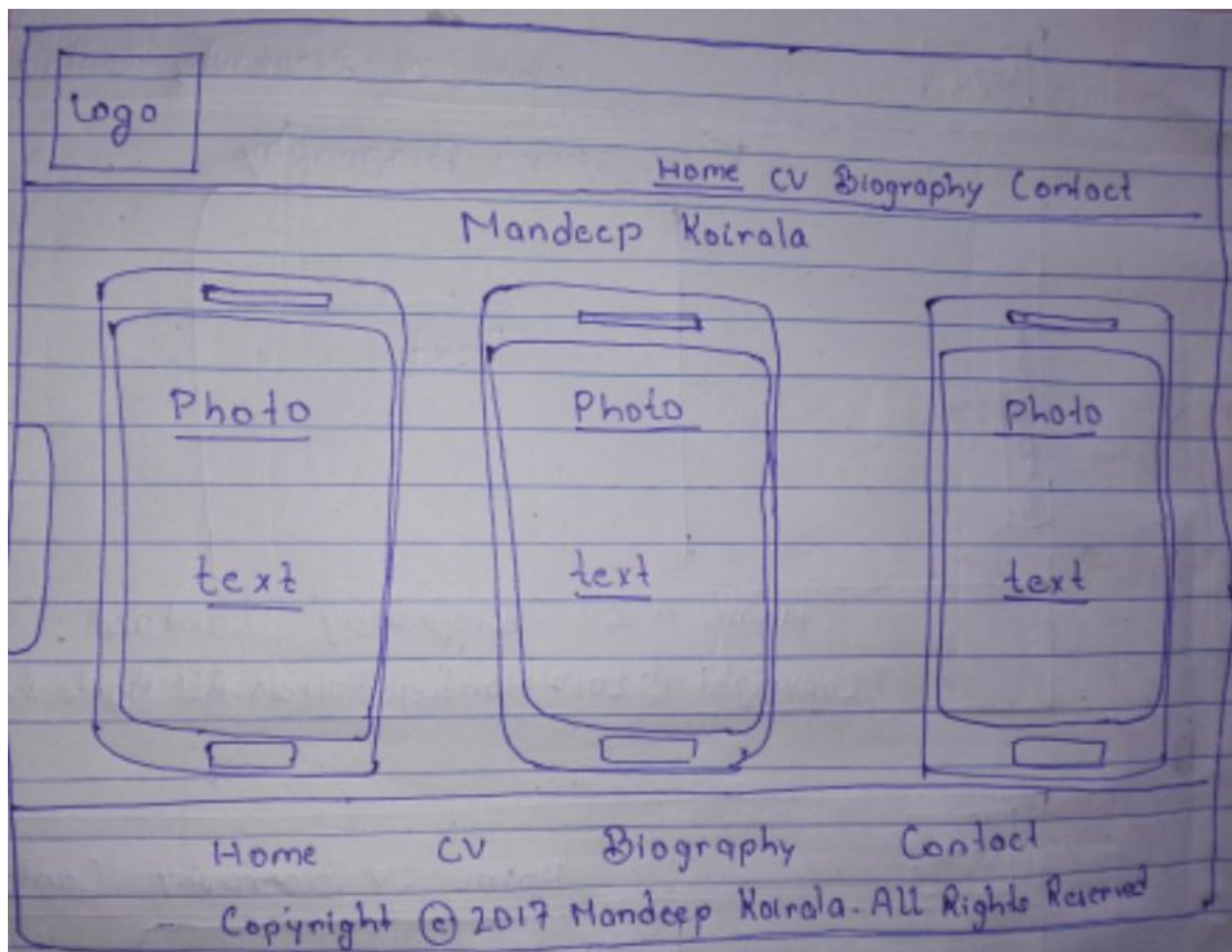
2. Designs

Before developing actual pages, I first drew sketches of designs in copy. I made sketches for both the desktop and mobile pages which helped me in creating responsive pages easily and effectively. Then I designed wireframes from those sketches. With the wireframes, finally I developed the pages of my portfolio.

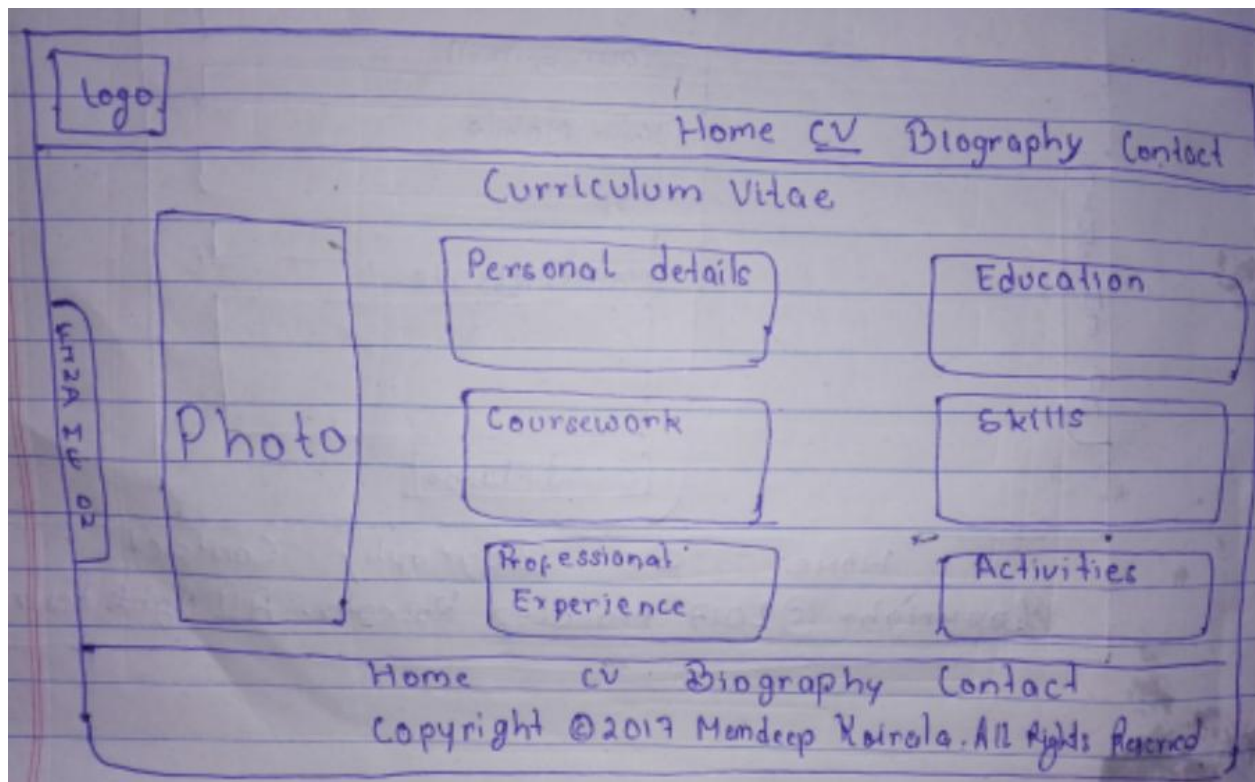
2.1 Sketches

All the sketches I made are shown below.

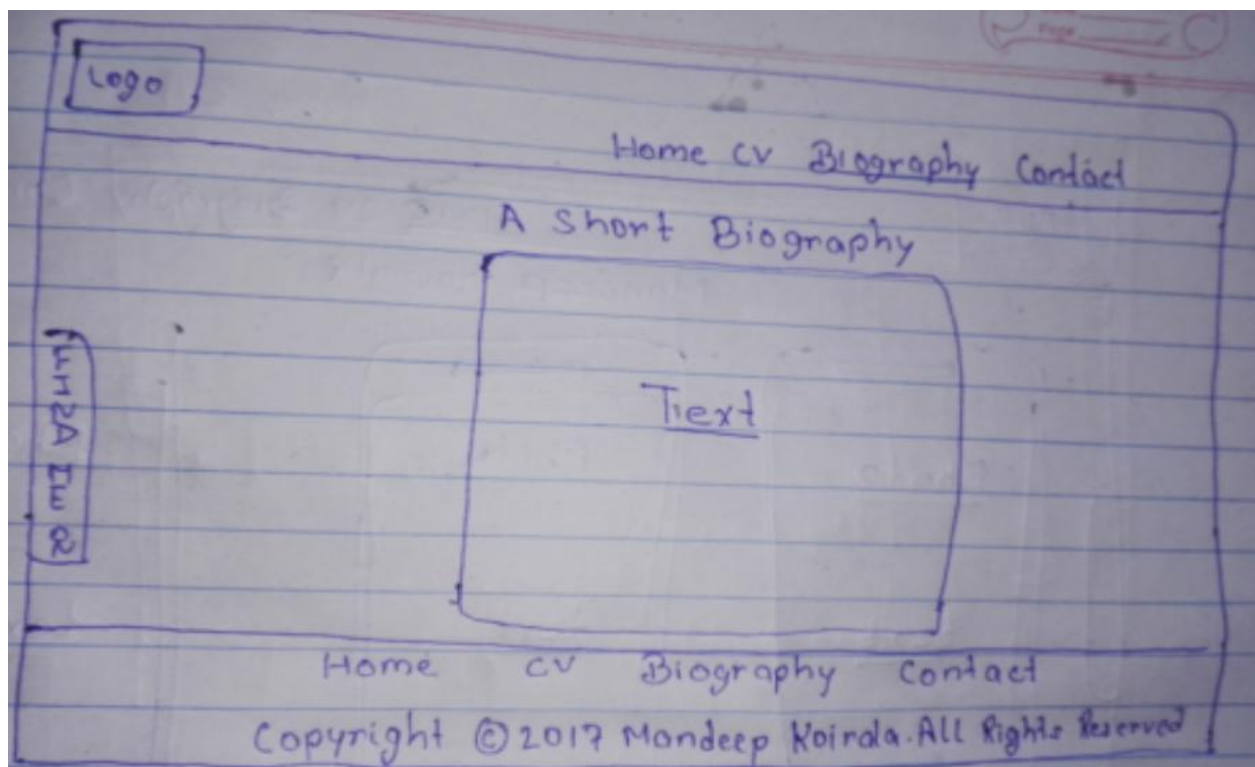
This is my sketch for home page



This is the sketch for my CV page



This is the sketch for my Bio page



This is the sketch for Contact page

Logo

Home CV Biography Contact

ITHA IN OR

Your Name

Your E-mail

Your Mobile

To

Your Message

Send Message

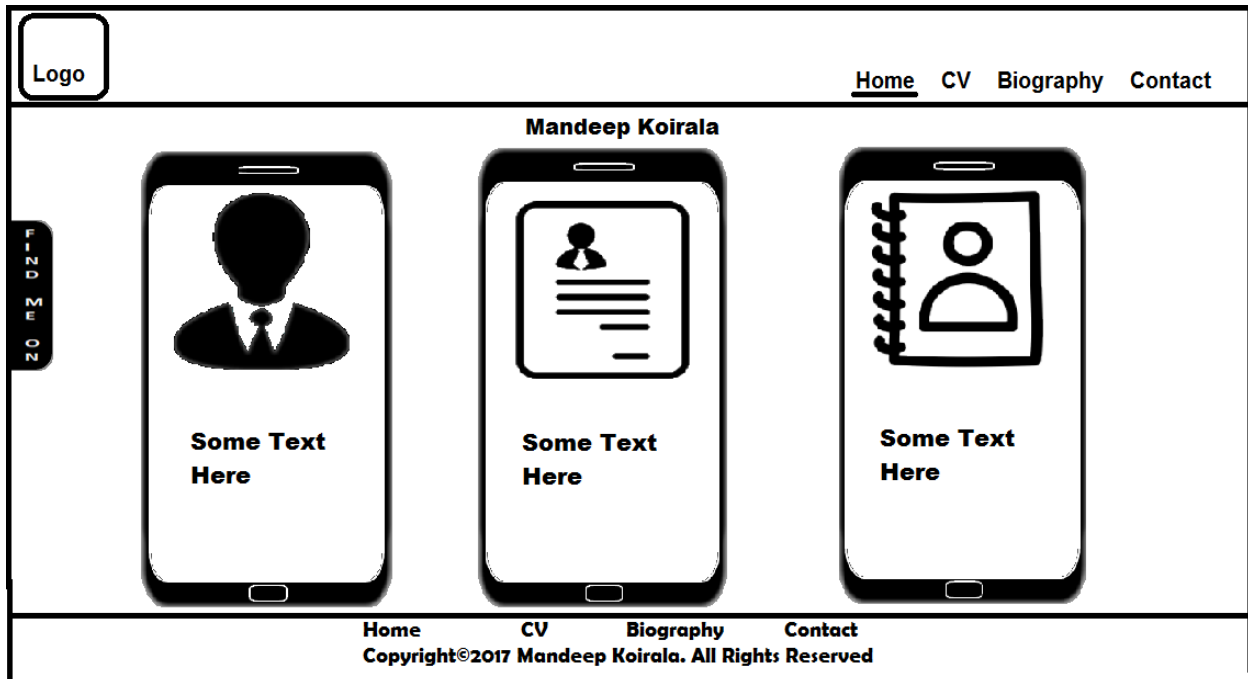
Home CV Biography Contact

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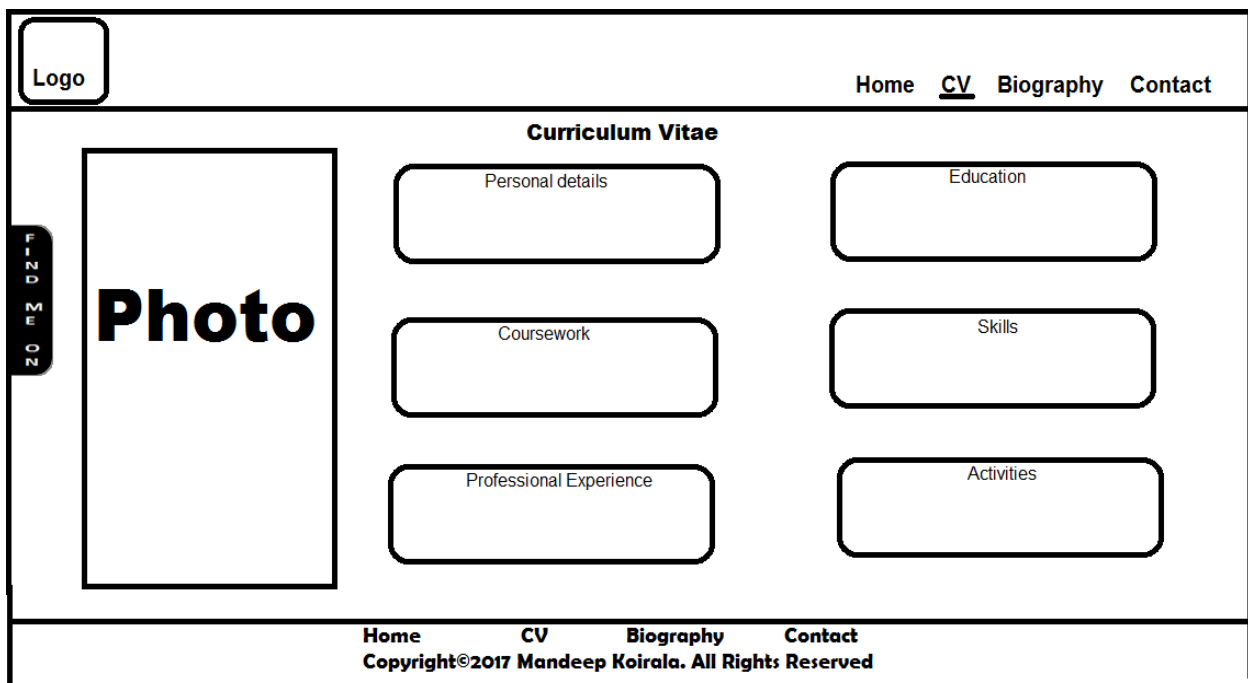
2.2 Wireframes

2.2.1 Desktop Wireframes

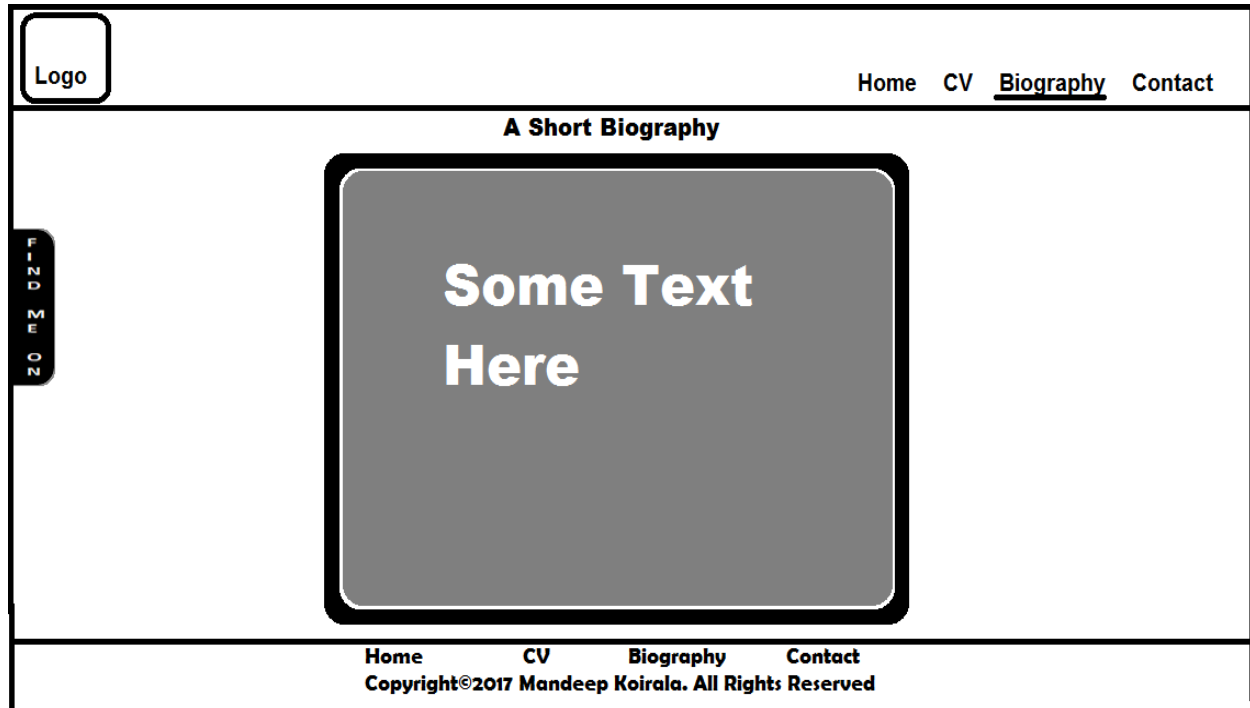
This is the wireframe for homepage



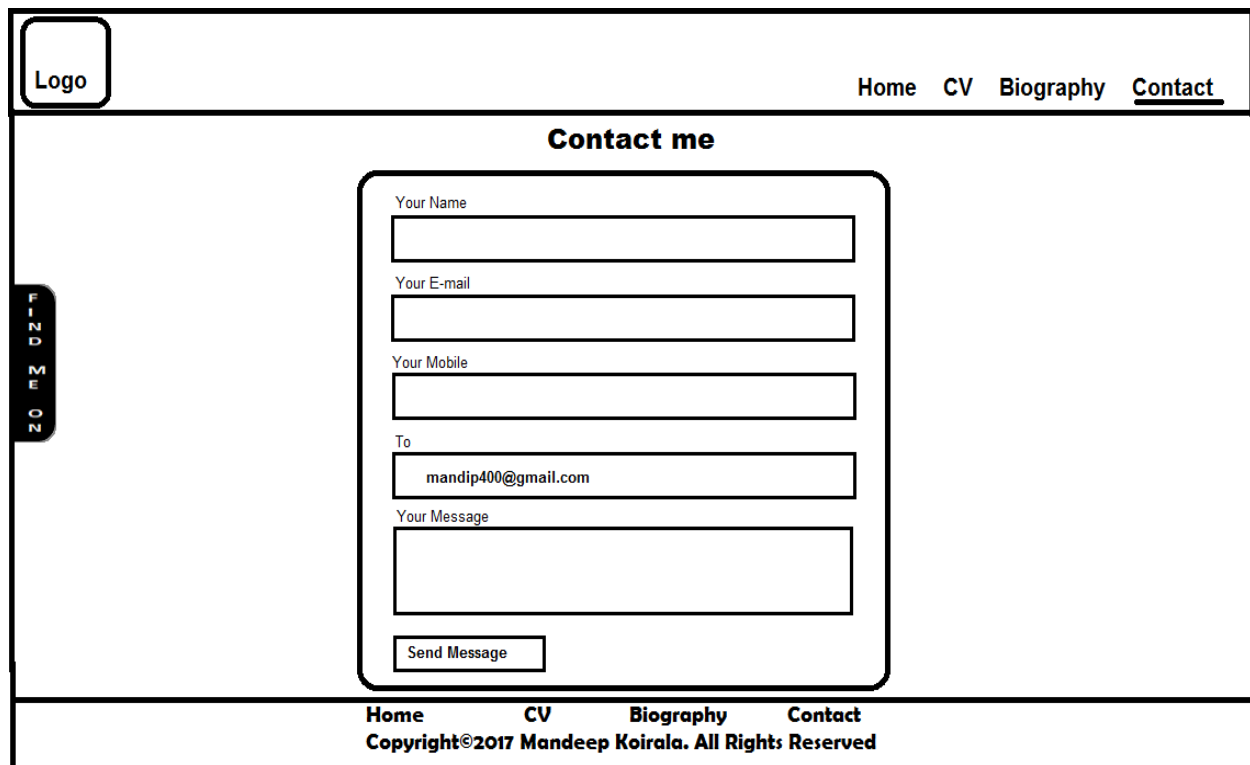
This is the wireframe for CV page



This is the wireframe of Bio page

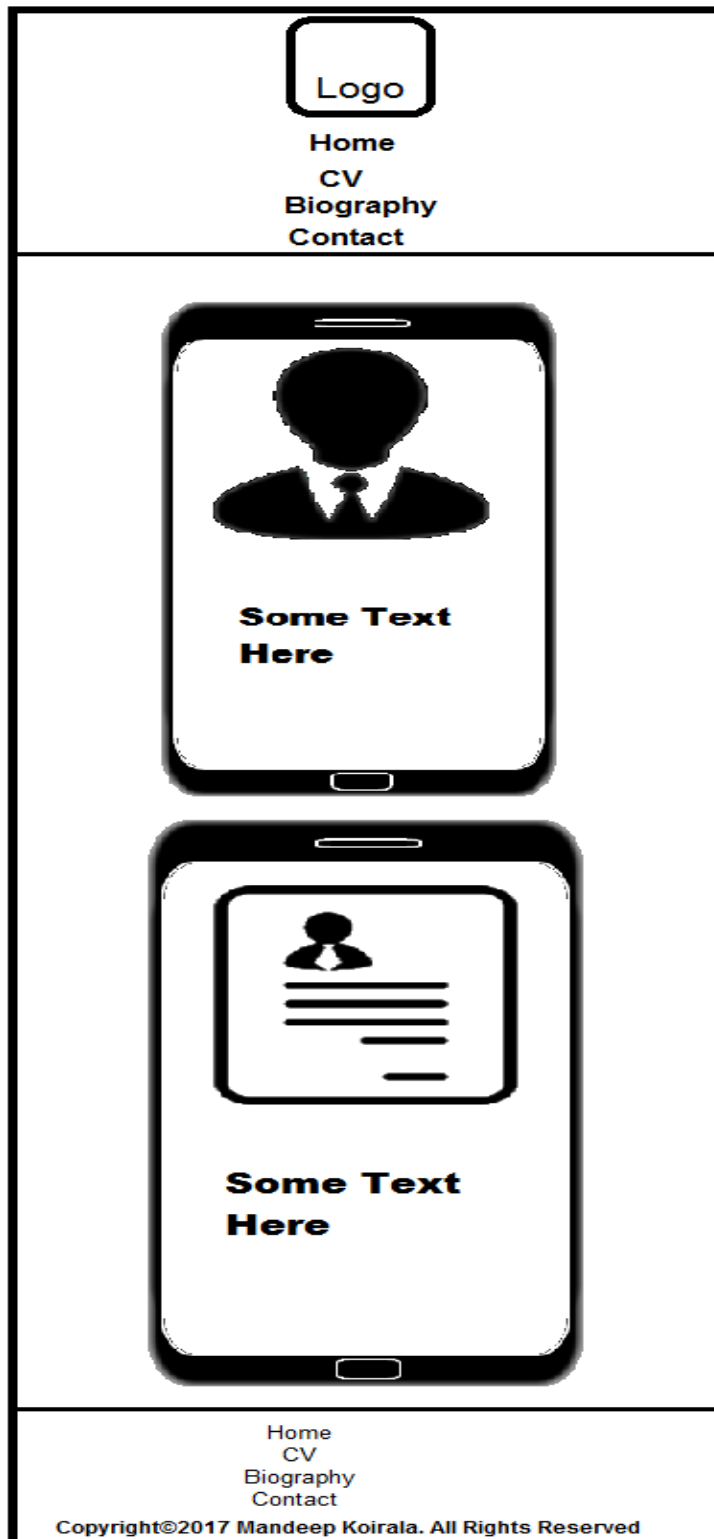


This is the mobile sketch of Contact page



2.2.2 Mobile Wireframes

This is the mobile wireframe of home page



This is the mobile wireframe of CV page

Logo

Home
CV
Biography
Contact

Curriculum Vitae

Photo

Personal Details

Education

Coursework

Skills

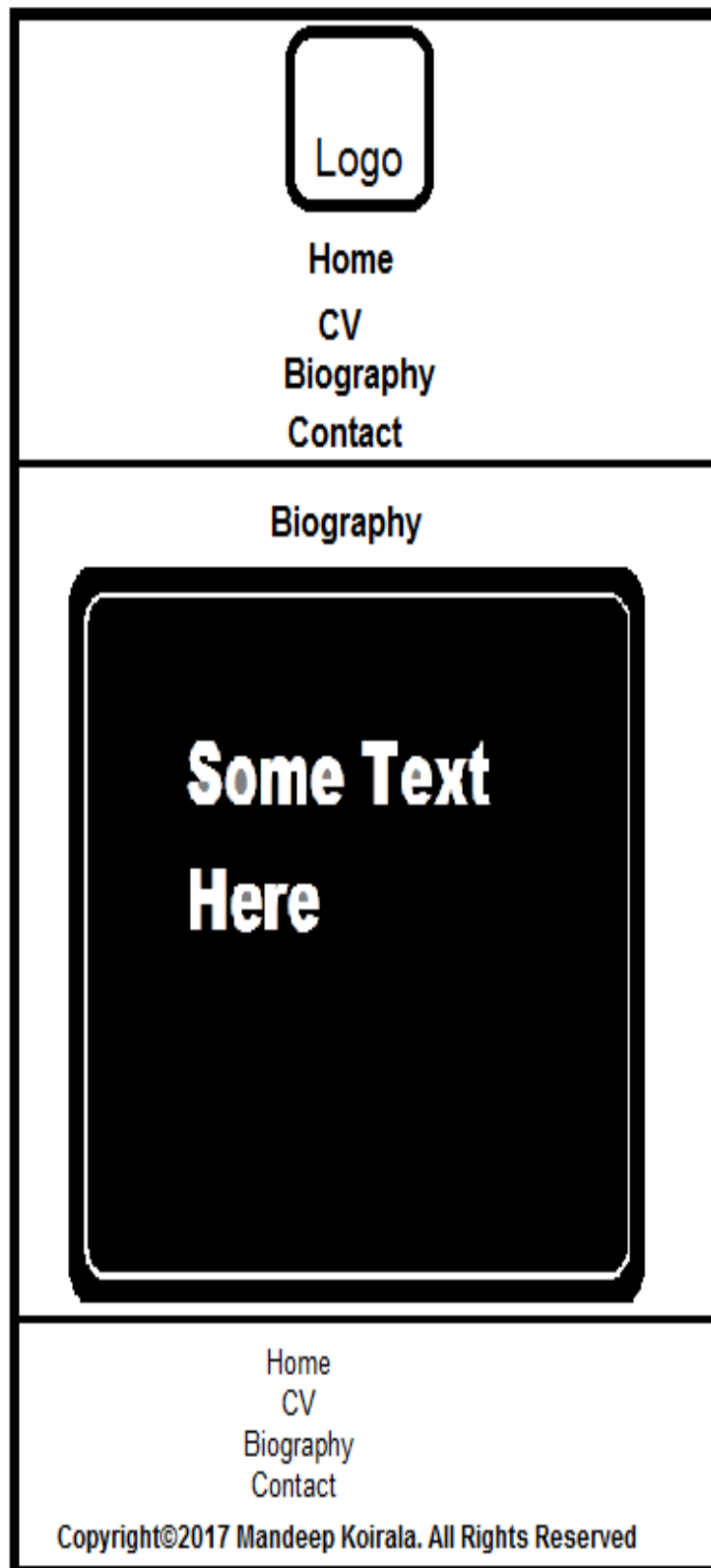
Professional Experience

Activities

Home
CV
Biography
Contact

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This is the mobile wireframe of Bio page



This is the mobile wireframe of Contact page

Logo

Home
CV
Biography
Contact

Contact me

Your Name

Your E-mail

Your Mobile

To

mandip400@gmail.com

Your Message

Send Message

Home
CV
Biography
Contact

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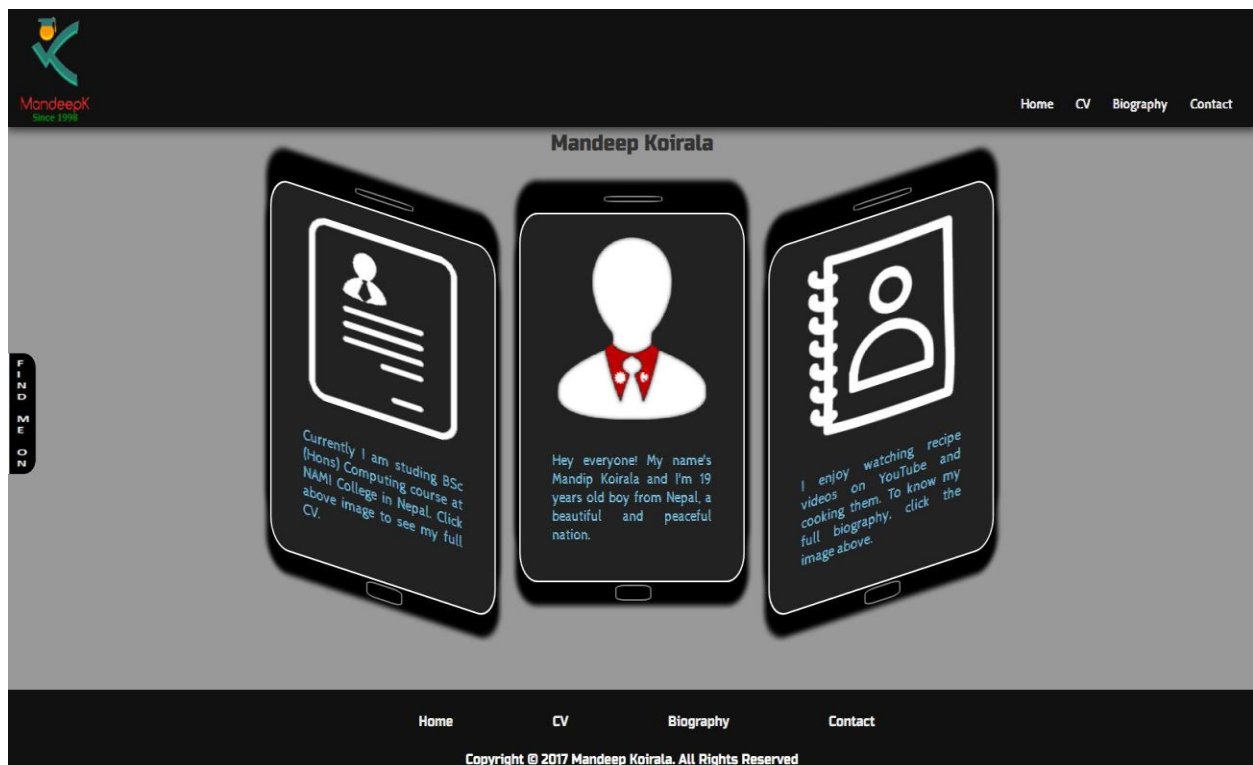
2.3 Pages

After different researches and after constructing sketches and wireframes, I developed the pages for my portfolio. I also researched on themes for the pages and finally applied dark theme for the portfolio. The combination of black and grey colour is used

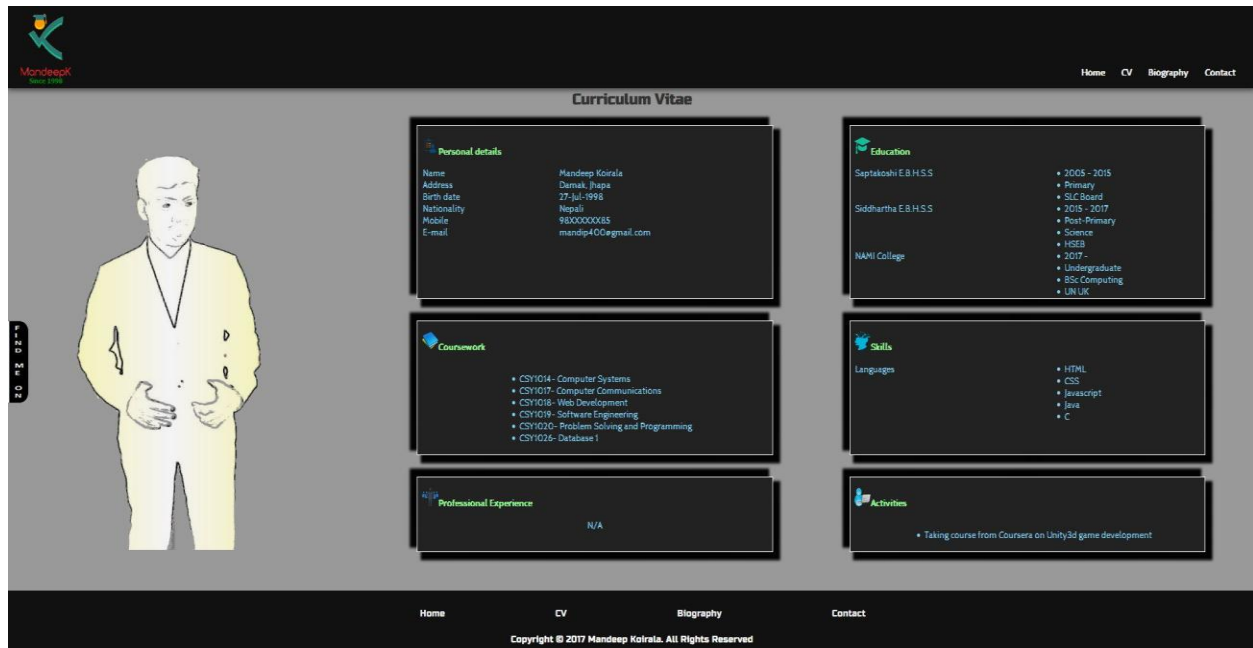
Header and footer of all pages are same. Header contains logo for my portfolio pages and navigation menus. The background colour of menus changes on hover to make pages more user-interactive. Footer also contains navigation menus and copyright text. Moreover, social media link is one common feature in all the pages. The block containing links to my social media profiles shows up on hover. Header and footer have black background while the main section of the pages has a shade of grey colour.

2.3.1 Desktop Pages

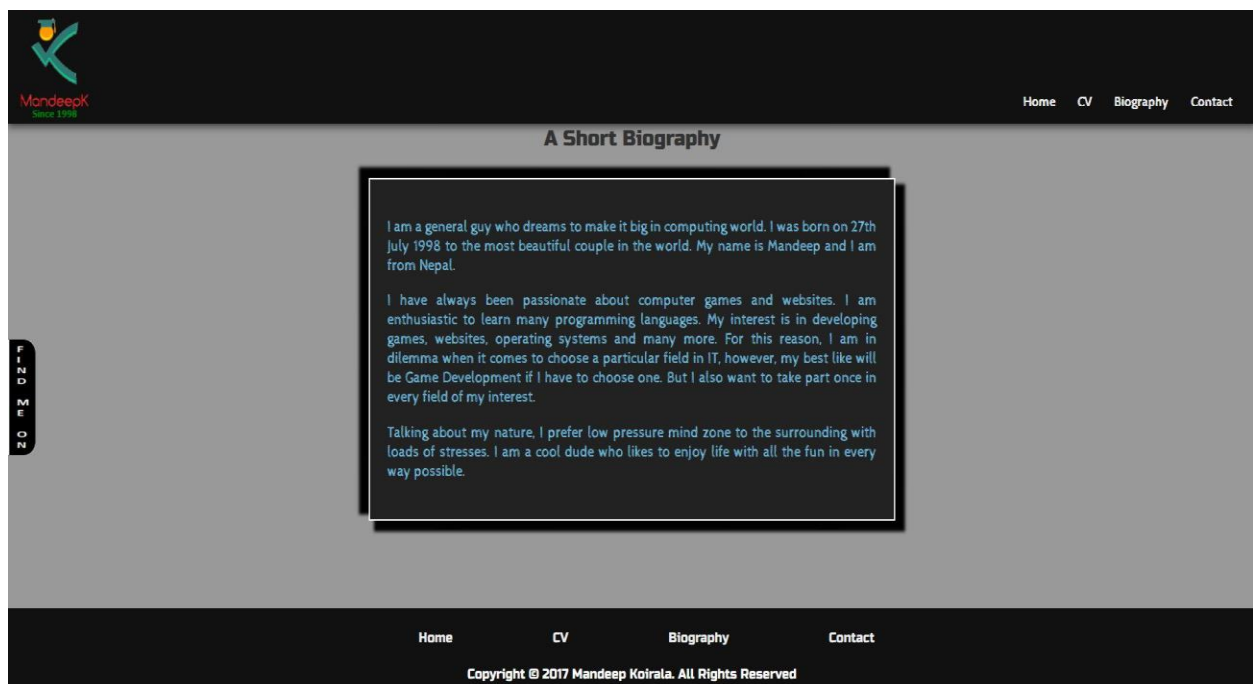
Below is the page for home page. It contains my name and a photo in a block. Other blocks contain links to my CV and biography pages. All the blocks are styled to create mobile-shaped designs.



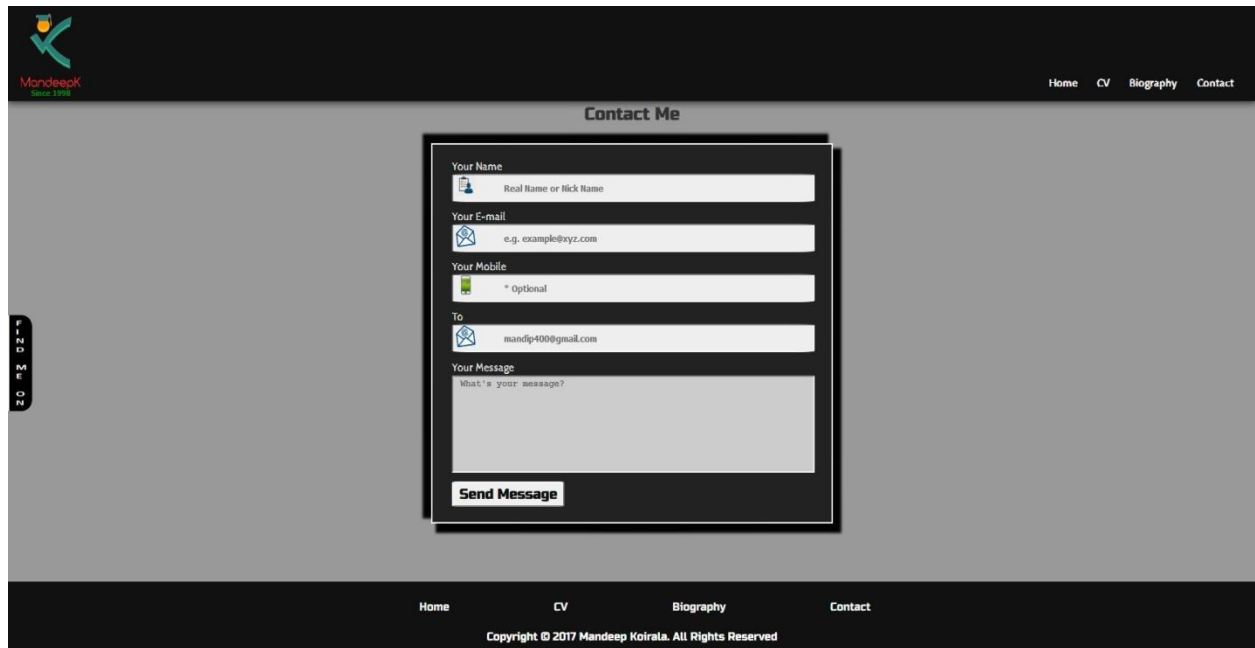
Below is the page for CV page. It contains my picture and CV details. CV details are separated in different blocks for specific details. I also added icons for each title for enhancing user-interaction.



Below is the page for biography page. It contains my short biography. I placed the biography inside a box and applied shadow and border to the box for better look.



Below is the page for contact page. Contact form is included in this page. Name, contact number, email and message of a person can be entered. The form is static and nothing happens on clicking the submit button.



The screenshot shows a web page titled "Contact Me" with a dark header and footer. The header contains a logo on the left and navigation links (Home, CV, Biography, Contact) on the right. The main content area is light gray and features a white contact form with a black border. The form includes fields for "Your Name" (with a subtext "Real Name or Nick Name"), "Your E-mail" (with a subtext "e.g. example@xyz.com"), "Your Mobile" (with a subtext "* Optional"), and "To" (with a subtext "mandip400@gmail.com"). Below these is a large text area for "Your Message" with the placeholder text "What's your message?". A "Send Message" button is at the bottom of the form. A vertical sidebar on the left contains the text "FIND ME NOW". The footer contains the same navigation links and a copyright notice: "Copyright © 2017 Mandeep Koirala. All Rights Reserved".

2.3.2 Design Structure

For the entire project, I have used flex structure in designs. Flex structure makes it easy to place contents in a page. It is easy to centre or align contents in a page using flex structure. There are several other structures that can be used in styling pages but with some disadvantages and hard to maintain than flex. Float structure needs to be cleared. Tabular data can exceed cell margin and is hard to maintain. Because of its easiness and advantages, I have used flex for the project.

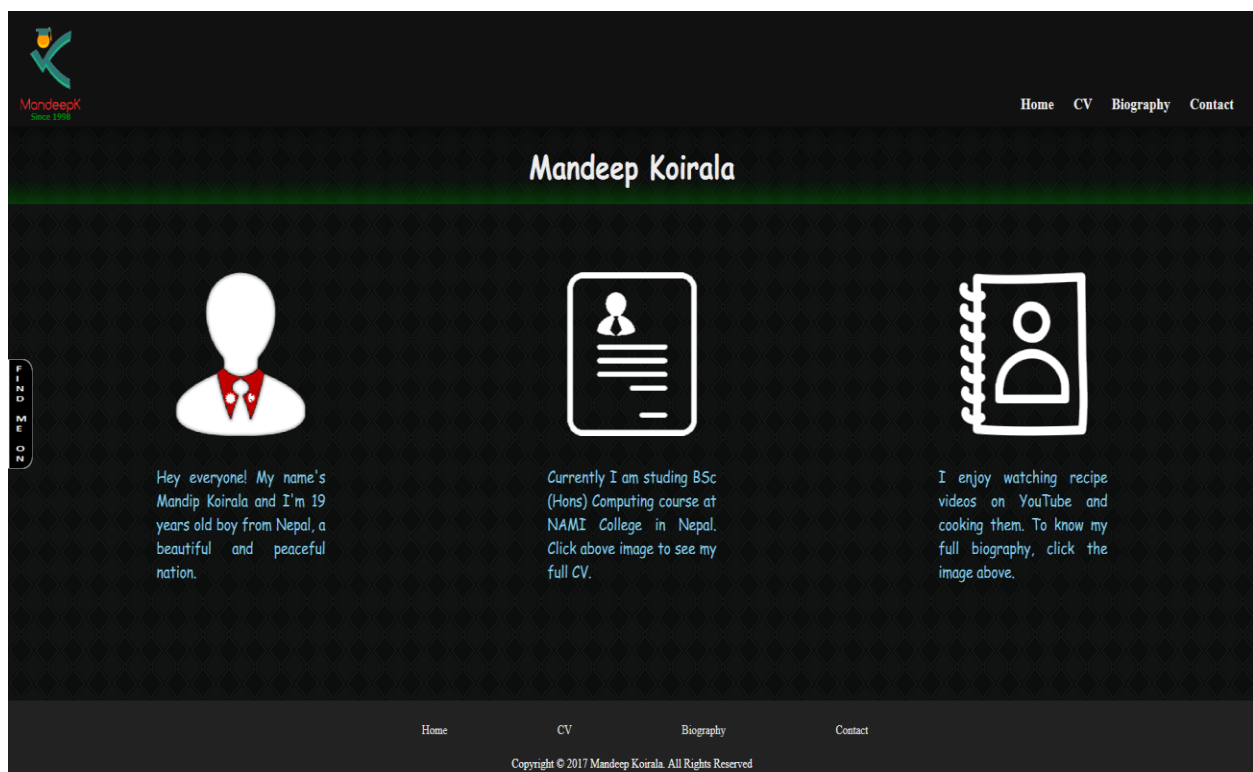
3. Work Progress

3.1 Progression

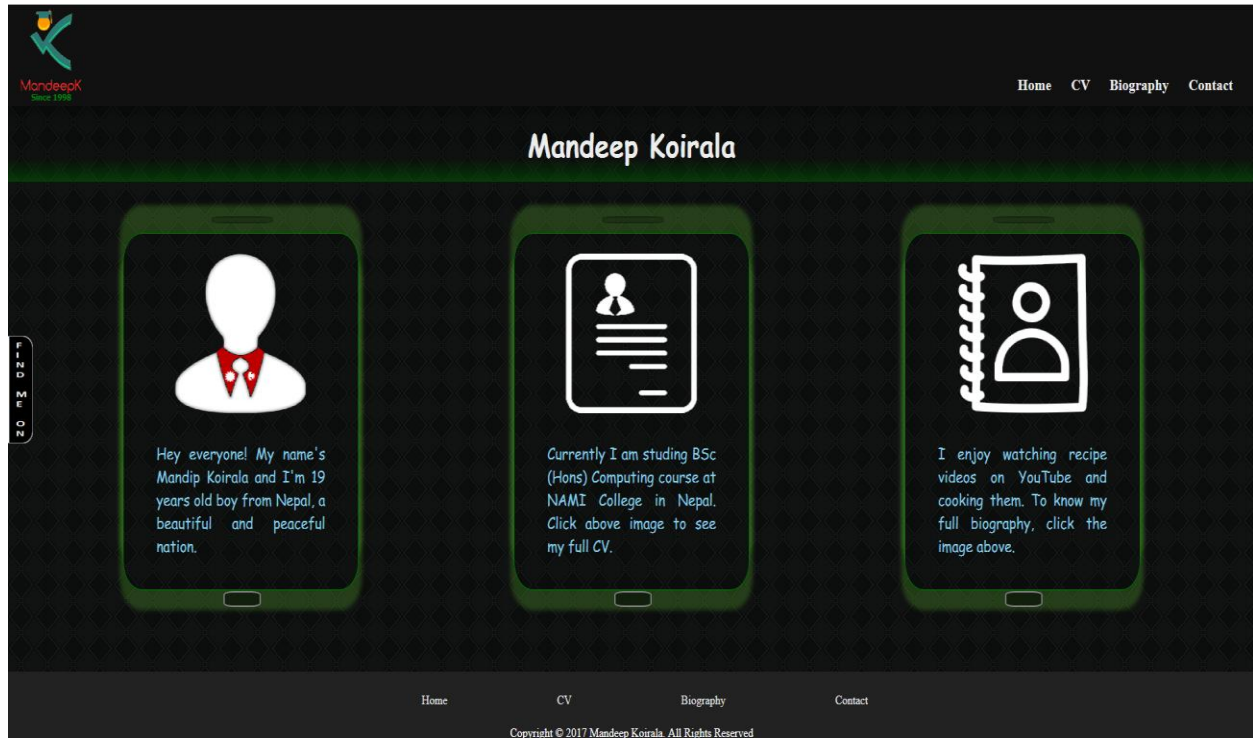
The project took around 8 weeks to complete. During this time, I changed the designs of the pages for many times. I changed the colour combination of pages and style of some blocks to make a completely different look of the project. After many amendments and revisions, I finally chose a design for the portfolio shown in above images.

Home pages of some of my amendments are shown below:

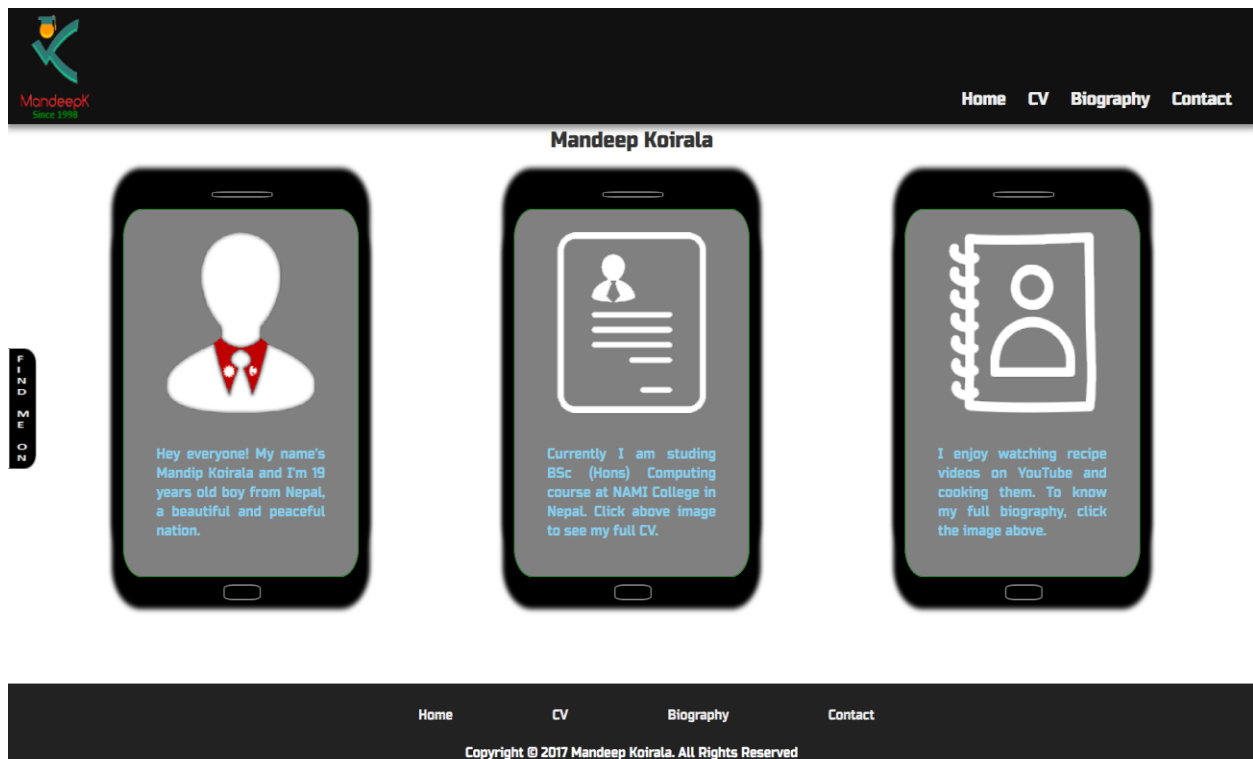
This is the home page of the first design I made.



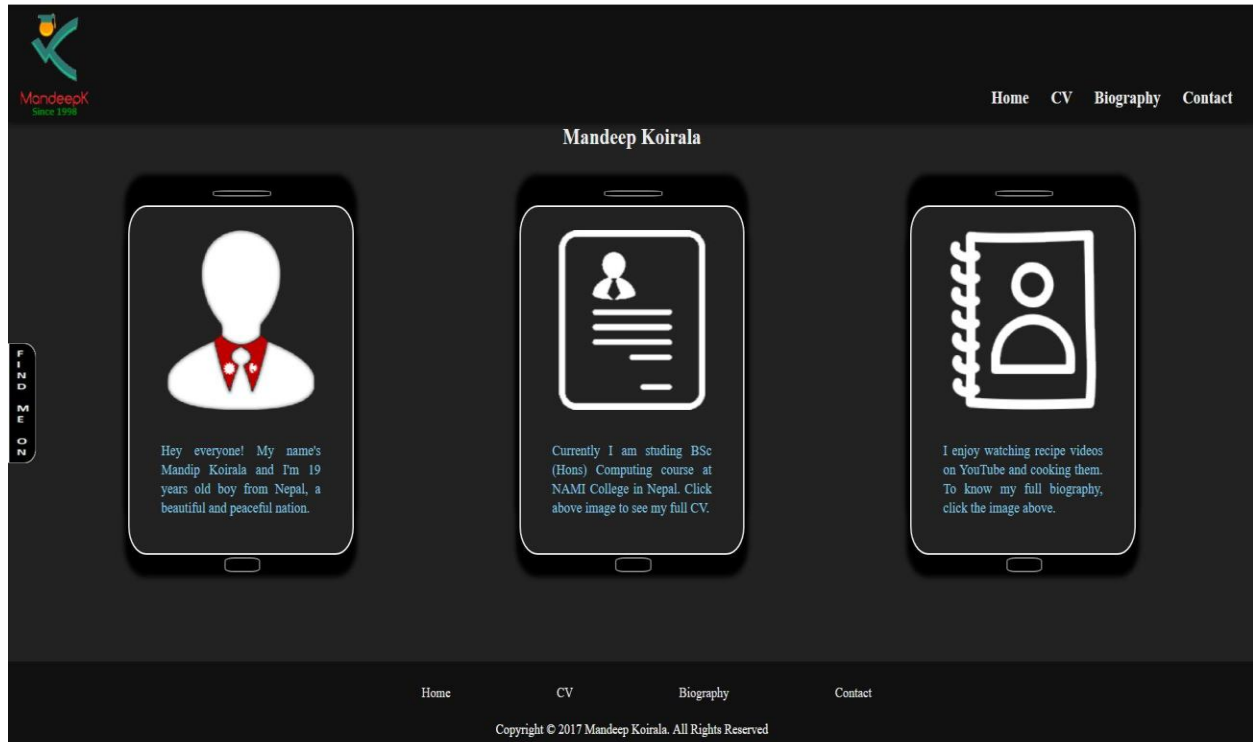
This is the home page of second design I made.



This is the home page of the third design made by me.



And this is the fourth design before I finalized the design as shown in section 2.3.



3.2 Good Practices

This project is developed keeping in mind some of the good practices. The practises used are listed below:

1. Titles of pages are clearly mentioned and images are optimised to speed up the loading time.
2. Indentation of source codes is properly managed for better readability to other developers and the pages are made responsive.
3. Different blocks are separated by certain margins and borders usage and other styling are done for better readability by users.

3.3 Collaboration

During this project development, I learned from different sites about good designs and also collaborated with friends to share ideas. I mostly collaborated with Punam Dahal during the development. Her UN ID is 16418511. We shared our researched ideas on designing good user-interactive system and applied individually in our projects.

4. Testing

The pages and CSS files are validated for HTML5 and CSS3.

Validation of home page

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file index.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by file upload [Browse...](#) No file selected.

Uploaded files with .html or .xht extensions are parsed using the XML parser.


[Check](#)

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 6 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 17.4.5

Validation of common.css

 **The W3C CSS Validation Service**
W3C CSS Validator results for common.css (CSS level 3)

Jump to: [Validated CSS](#)

W3C CSS Validator results for common.css (CSS level 3)

Congratulations! No Error Found.

This document validates as [CSS level 3](#) !

Other files are also error free.

5. Conclusion

After different researches on designs, I finally developed the portfolio pages. I drew sketches and wireframes to support the design of actual pages for the project. Several changes were made to the design and finally a design is chosen. This project is an outcome of 8 weeks' researches and works.

6. References

For developing this project, I took a look at some other sites to gather information and ideas on proper design techniques.

I visited the below mentioned site and implemented the technique of attractive use of photo in my CV page.

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

I also looked at w3schools website to learn some html5 and css3 properties to implement in my pages for better look and feel of the project.

W3schools (1999) HTML. [online]. Available from: <https://www.w3schools.com> [Accessed 10 March 2017].