

Blog page documentation

Chapters

Introduction.....	02
Usage.....	02
User Interface.....	03
Production.....	06
Instructions.....	07
Set up.....	10
Notes.....	10
Usage Example.....	11

Introduction

The blog page project is a type of web page that is used to host personal or professional blogs on a welcoming format for its readers. The user-owner of the blog page is offered a flexible way of customizing the page to their liking. The management of the webpage requires programming knowledge.

Usage:

The core usage of the web page includes:

Blog display: the user populates the website with blogs, the blogs are composed of text and images.

Communiation outlet: the page provides a way of tunning the webpage so that readers can send messages to the user.

Promotion: the page offers a way to promote the user or to alter the nature of that segment to include advertisements.

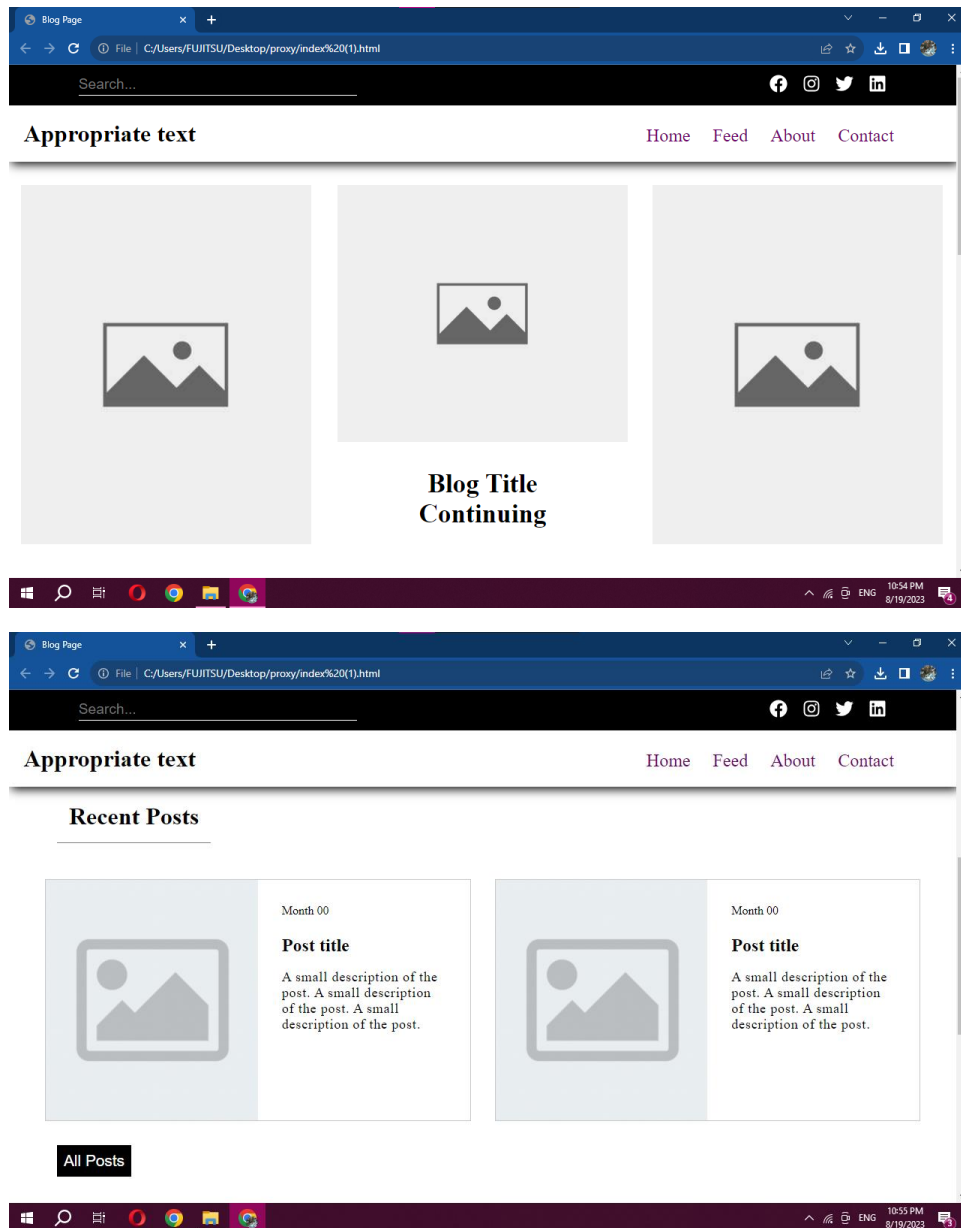
(Move to page 07 for instructions)

The way it works is by rendering the HTML structure and content (in addition with CSS). The significant structure and content are defined by JavaScript. That way, the information that the user wants to be displayed can be easily changed.

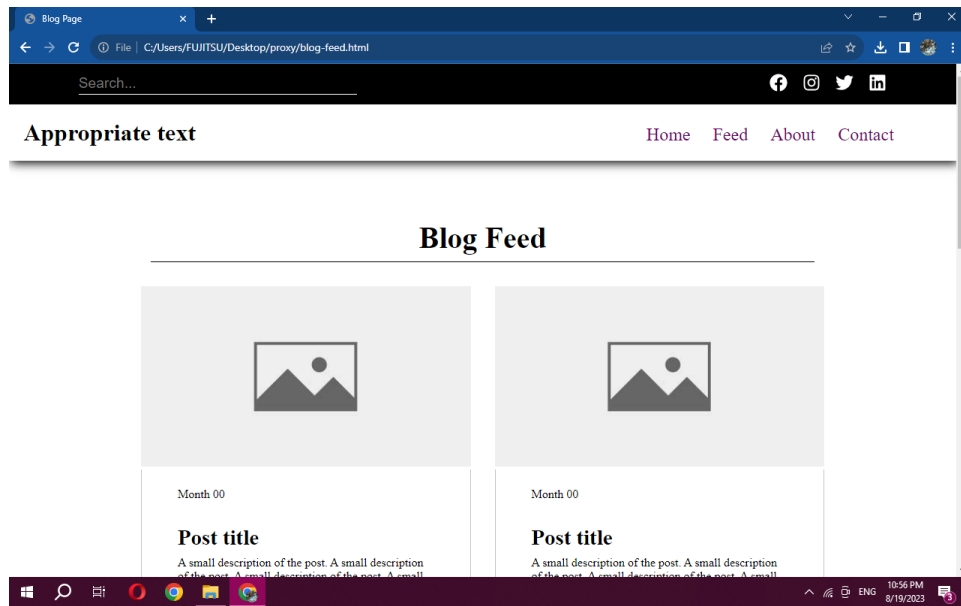
User Interface

The user interface consists of:

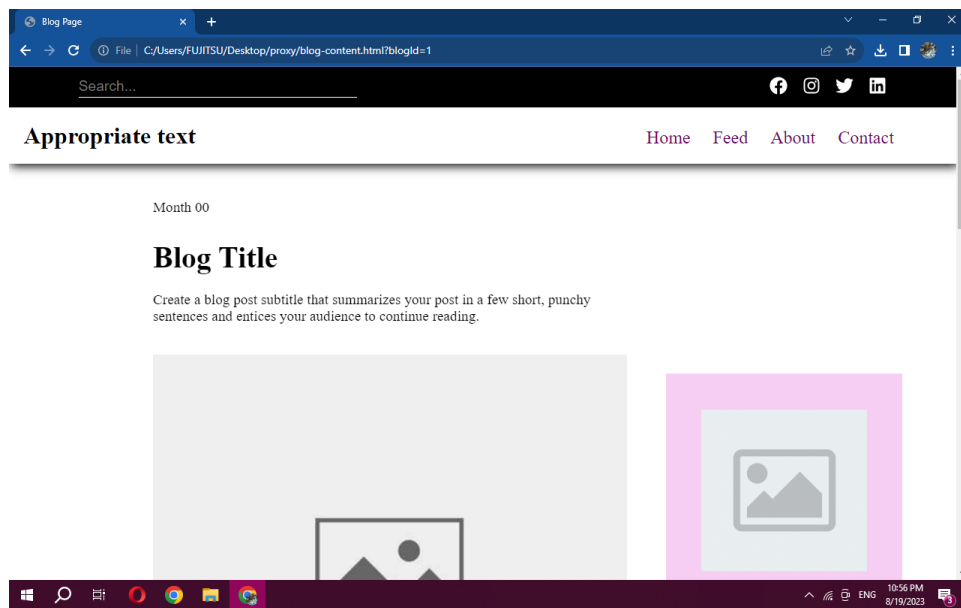
The opening panel:

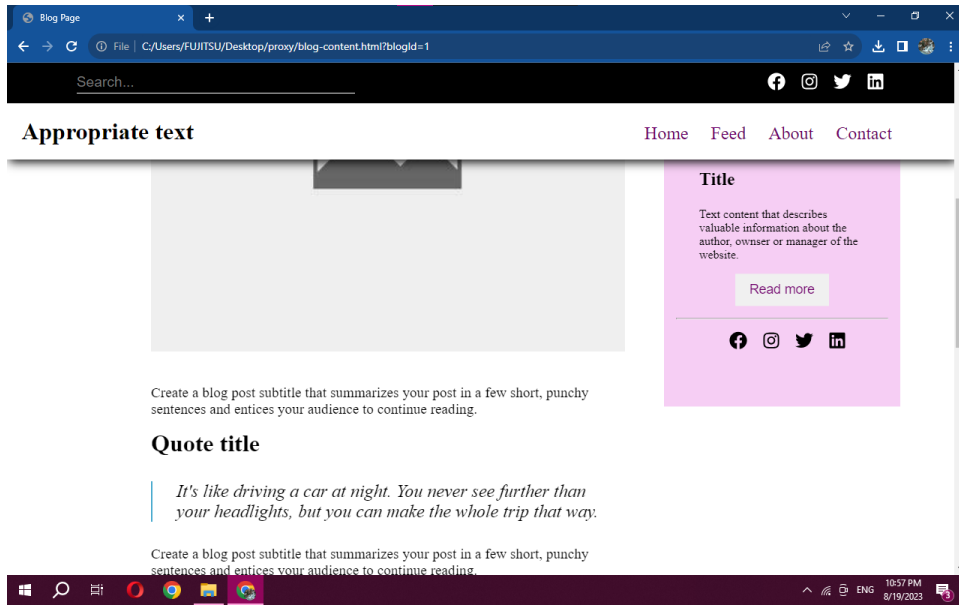


The blog feed:

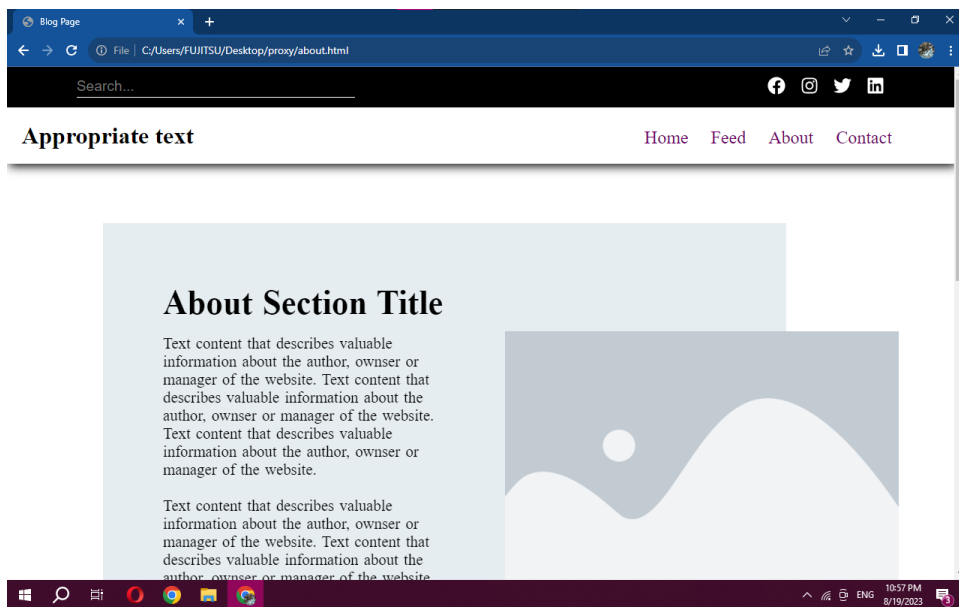


The blog content:





The about section:



The user interface is customized for smaller screen sizes (phones & tablets) and includes animations, for smoother transitions and a better experience.

Move to the [example](#) (page 13)

Production

The technologies that were used during production are:

- 1) HTML5
- 2) CSS
- 3) JavaScript

HTML Files:

- 1) index.html: includes the structure of the opening panel (wrapper elements).
- 2) blog-feed.html: includes the structure of the blog feed (wrapper elements).
- 3) blog-content.html: includes the structure of the blog content (wrapper elements).
- 4) about.html: includes the structure of the “about” segment (wrapper elements).

Note: all the HTML files have some minimal JavaScript implementations (navigation anchors)

CSS File:

- 1) style.css: defines the styling of the web page.

JavaScript Files:

- 1) index.js: defines the structuring and content of the opening panel.
- 2) blogFeed.js: defines the structuring and content of the blog feed.
- 3) blogContent.js: defines the structuring and content of the blog content.
- 4) about.js: defines the structuring and content of the “about” section.
- 5) global.js: defines the structuring and content of elements that are the same through all the different sections of the webpage (such as: footer and contact form).

Folder icons:

The “icons” folder is located inside the static folder and stores all the necessary icons, such as Facebook, Instagram, etc.

Folder images:

The “images” folder is located inside the static folder and is used to store all the content images, such as the blog content images, blog thumbnails, etc.

Instructions:

Follow the instructions to implement your own information and blogs to the web page.

Index:

- 1) Open the index.js file.
- 2) You first meet the content variables (required) section. The values of the variables define the content of the opening panel.
- 3) Fill the values of the variables according to the desired result.

Variable Name	Description
firstImageName	The first of the three opening images
secondImageName	The second of the three opening images
thirdImageName	The third of the three opening images
blogTitleName	An overall title of the blog page (middle image)
imgName01	The image of the first recent post
imgAltText01	The alternative text of the first recent post image
date01	The date of the first recent post
postTitle01	The title of the first recent post
postDescription01	A small description of the first recent post
postNumber01	The number of the post (look notes, page 10)
imgName02	The image of the second recent post
imgAltText02	The alternative text of the second recent post image
date02	The date of the second recent post
postTitle02	The title of the second recent post
postDescription02	A small description of the first recent post

Blog Feed:

- 1) Open the blogFeed.js file.
- 2) To generate a blog thumbnail, fill the arguments of the “newBlog” function.
- 3) Look at the example in lines 43-53 to get a better idea.

Argument Index	Description
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01	The number of the blog
02	The blog thumbnail image
03	Image alternative text
04	The blog's date
05	The blog's title
06	A small description of the blog

Blog content:

- 1) Open the blogContent.js file.
- 2) You first meet the content variables (required) section. The values of the variables define the content of the opening panel.
- 3) Fill the values of the variables according to the desired result.

Variable Name	Description
articleImageName	The sidebar image (article)
articleImageAltText	The sidebar's image alternative text
articleTitle	A title of the sidebar
articleText	The text of the sidebar
img01	The image of the first blog suggestion
imgText01	The alternative text of the first blog suggestion image
title01	The title of the first blog suggestion
img02	The image of the second blog suggestion
imgText02	The alternative text of the second blog suggestion image
title02	The title of the second blog suggestion

To define the content of a blog, include an item to the blogData dictionary (line 119), the item has the blog's number as a key and the blogContentParser function as its value, the parameters of the function define the content of the blog.

Parameter index	Description
01	Date
02	Blog Title
03	Text Content
04	The blog's content image

05	The image's alternative text
06	More text
07	Quote title
08	Quote content text
09	More text (finale)

About:

- 1) Open the about.js file.
- 2) You first meet the content variables (required) section. The values of the variables define the content of the about segment.
- 3) Fill the values of the variables according to the desired result.

Variable Name	Description
aboutTitle	The title of the about section
paragraph	The text content of about
aboutImageName	The image of the about section
aboutImgAltText	The image's alternative text

Global:

- 1) Open the global.js file.
- 2) You first meet the content variables (required) section. The values of the variables define the content of element that can be found in all the panels.
- 3) Fill the values of the variables according to the desired result.

Variable Name	Description
facebookAccount	The URL of the user's Facebook account.
instagramAccount	The URL of the user's Instagram account.
twitterAccount	The URL of the user's Twitter account.
linkedinAccount	The URL of the user's LinkedIn account.
navText	The text in the navigation bar.
remarks	Footer text content, such as copyrights.

Set up

To set up the project locally:

- 1) Clone the repository Or download the files and folders from the GitHub repository (maintaining the directory format):

Clone repository	<code>git clone https://github.com/leTabs/Webpage-Templates.git</code>
Repository Link	<code>https://github.com/leTabs/Webpage-Templates/tree/main</code>

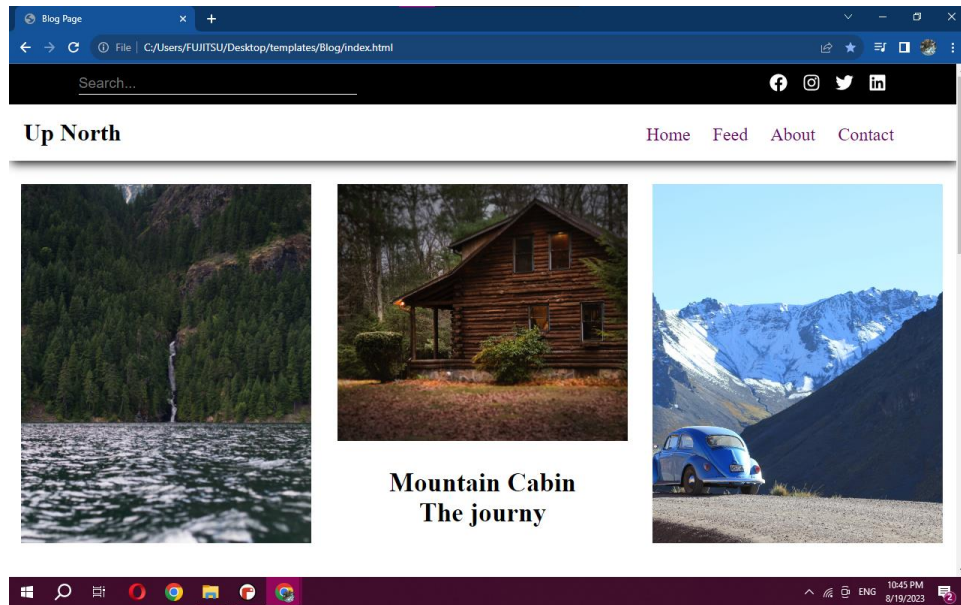
- 2) Follow the instructions on inserting information.
- 3) Run the URL of the index.html file (the directory from the root to the location of the index.html file).

Notes:

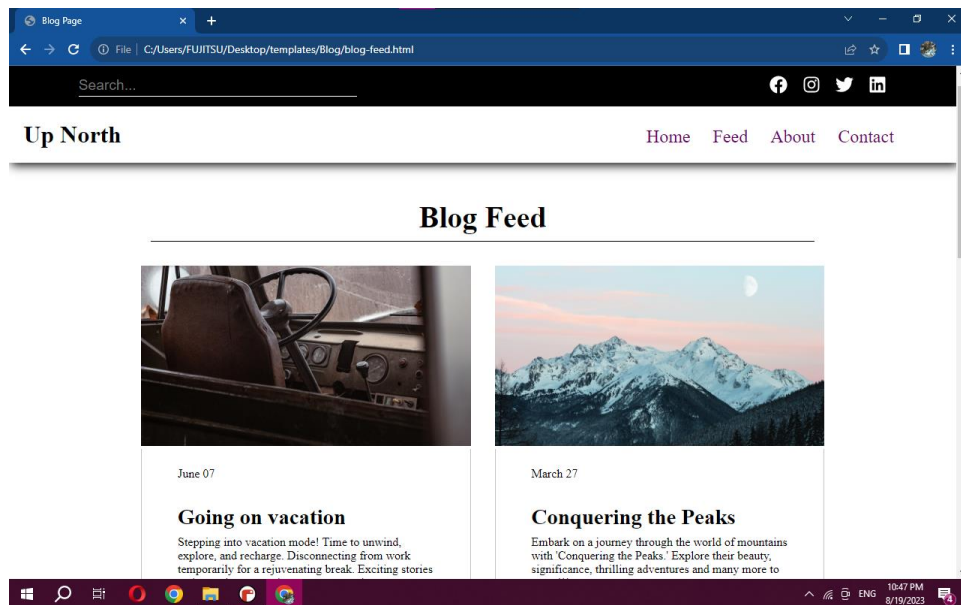
- 1) All the images need to be placed inside the images folder (directory: static/images/).
- 2) The contact form needs to be connected to a backend or an outside emailing service.
- 3) If a blog thumbnail exists and no blog is affiliated with it, the blog content will display a “The blog is missing...” text.
- 4) The variables of the JavaScript files that change according to the owner’s liking are labeled as “required”.
- 5) The post number dictates the post’s URL address for the blog thumbnail to go into, it’s advised to have the newest ones with a lower index and the oldest ones with larger. The number of a post should be the same across all the instances of that blog.

Usage Example:

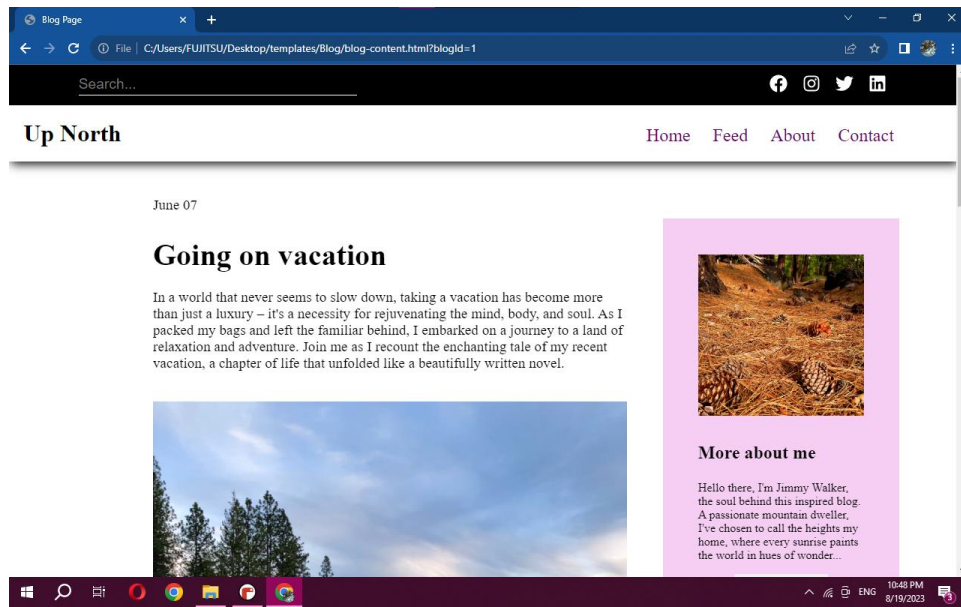
Opening panel:



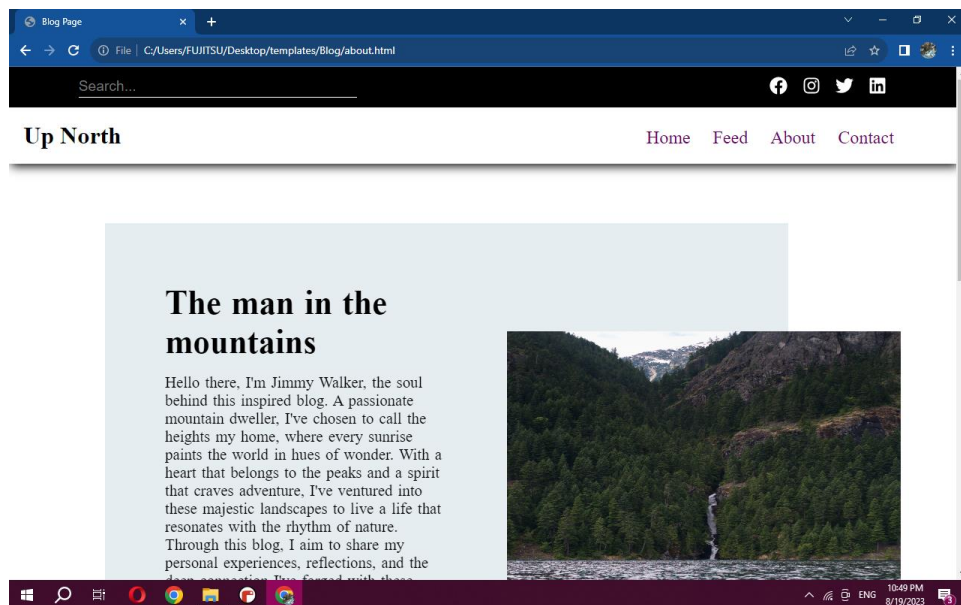
Blog feed:



Blog content:



About section:



Mobile sample:

