MINI PROJECT - II

(2020-21)

DIFFERENT TEMPLATES IDEAS

REPORT FILE

Institute of Engineering & Technology

Submitted by:

Suryansh Saxena (181500739)

Supervised by:

Mohd. Amir Khan (Senior Technical Trainer)

Department of Computer Engineering & Applications

Certificate of Completion

This is to certify that **Suryansh Saxena** student of B.Tech (CSE) IIIrd year has successfully completed the MINI PROJECT titled as "**Different Templates Ideas"** on Web Development under the guidance of **Mohd. Amir Khan** during 2020-21.

Signature:

Mohd. Amir Khan

(Mentor)

Third Year Project Synopsis

B.Tech (CSE) - Session: 2020-2021

Title of Project/Task	Different Templates Ideas
Role & Responsibility	Suryansh Saxena: Front-end developer and documentation work.
Technical Details	Hardware Requirements: • Computer with RAM greater than 2 GB. • Computer with i3 or above versions of Intel processors. • Active internet connection provider Wi-Fi module . Software Requirements: • Windows 7 or above versions • Visual Studio Code • Web Browser

Summary of the work:

After the completion of the project, I learned a lot about web development. During the preparation of website I acquired a lot of knowledge about HTML5, CSS3 and JavaScript. In period of building the project I have experienced and grasp a lot of practical knowledge about Visual Studio Code.

At the end this project fulfills the need for searching different ideas for design elements such as cards (that are used to give information and also as links to other pages), forms (for payments, sing up, log in, contact, etc.) and help in concern for homepage in several categories like e-commerce, photography, food, etc. The project aims to synthesize goal-orientated processes such as problem solving, decision-making and to solve time consuming tasks in less time. Our mentor Mohd. Amir Khan guided me and helped me a lot in building this project. He always advised me whenever I was in trouble while making this project.

Acknowledgement

Presentation, inspiration, and motivation have always played a key role in the success of any venture.

Making this project was a great learning experience. During this period of building the project, I learned a lot about web development.

I would like to express my special thanks of gratitude to Mohd. Amir Khan sir for guiding and teaching me throughout this project. I pay my deep sense of gratitude to the GLA University, Mathura for conducting this project.

I am grateful to my parents who have been an important inspiration. I want to thank them for their encouragements which help me in completion of this project.

Abstract

Computer Science addresses both human-made and natural information processes such as communication, control, perception, learning and intelligence. Mostly popular websites have user-friendly and very interactive interface which makes them more interesting to use and hence resulting in their popular demand. Website's design depends on each and every element of the website, so designing every element intelligently and creatively is very important and this is the purpose of the project i.e. to provide ideas for a better user interface.

This project is developed to provide different ideas for design elements such as cards (that are used to give information and also as links to other pages), forms (for payments, sing up, log in, contact) and concern for homepage in several categories like e-commerce, travelling, music, food, etc. The project aims to synthesize goal-orientated processes such as problem solving, decision-making and to solve time consuming tasks in less time.

The title of the project is 'Different Templates Ideas'. Front-end of the project is very user-friendly and interactive which is built using HTML5, CSS3 and JavaScript.

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Chapter-1

Introduction

1.1 Overview and Motivation

This report file gives the complete description of the project titled as “Different Templates Ideas”. It will illustrate various functionalities of the project. It presents the design and development of the website in a descriptive manner that allows the reader to understand each and every aspect related to this project. The project aims to synthesize goal-orientated processes such as problem solving, decision-making and to solve time consuming tasks in less time.

Using technologies appropriately in a manner to provide the user all the necessary details in less time is one of those good benefits of the evolving technologies. Here, in the project technology is used to deliver all the awesome and interesting design elements to leverage the user interface of the website. So I came up with the idea of making the website for delivering good design elements such as cards (that are used to give information and also as links to other pages), forms (for payments, sing up, log in, contact) and help to concern for homepage in several categories like e-commerce, food, etc. This website can be used both on desktop as well as smartphones. However it is also responsive for other digital devices as well like tab, laptop, etc., so using this website on any media consumption device is not an issue or concern of problem. Front-end of this website is build using HTML5, CSS3 and JavaScript. So to summarize this is the report file of a project which eases the process of finding interesting design elements for websites.

1.2 Introduction to Problem Statements

This project was undertaken in response to the need for searching different ideas for looks of forms (for payments, sign up, login, contact), cards (used for giving information and sometimes as links to other pages) and concern for homepages in several categories like e-commerce, photography, music etc. So, this project has three problem statements.

I. Web application that showcases trending and interactive design elements for websites like online courses, e-commerce, etc.

II. Web application that depicts awesome and stylish forms for payments, sign up, log in, etc.

III. Web application that showcases amazing styles for cards (that are used to give information as well as sometimes used as links to other pages).

1.3 Objectives

Objective is to deliver the project that will leverage the ease of finding various ideas for design elements in websites such as cards (that are used to give information and also as links to other pages), forms (for payments, sing up, log in, contact, etc.) and help to concern for homepages in several categories like e-commerce, photography, food, etc. The project aims to synthesize goal-orientated processes such as problem solving, decision-making, communication and to solve time consuming tasks in less time.

Chapter-2

System Requirement Analysis

2.1 System Analysis

System analysis is a process of collecting and interpreting facts, identifying the problems, and decomposition of the system into its components. It is a process of studying a system in order to define its goals or purposes and to discover operations and procedures for accomplishing them most efficiently. Here the problem is that a website without interesting and interactive design elements feels less interesting to use. To overcome this I have built a project of website that can help people to fetch various ideas for design elements in websites such as cards (that are used to give information and also as links to other pages), forms (for payments, sing up, log in, contact) and to help concern for homepage in several categories like e-commerce, food, etc.

2.2 Role of System Analyst

The system analyst is a person who is thoroughly aware of the system and guides the system development project by giving proper directions. She/he is an expert having technical and interpersonal skills to carry out development tasks required at each phase. Some of the main roles of system analyst are:

• Defining and understanding the requirement of user through various fact finding techniques.

• Prioritizing the requirements by obtaining user consensus.

• Maintains analysis and evaluation to arrive at appropriate system which is more users friendly.

• Draw certain specifications which are easily understood by users and programmers in precise and detailed form.

• Implement the logical design of system which must be modular.

2.3 Users

A user is a person who uses or operates the application. The user of the web portal will be people who are looking for good design elements for websites.

2.4 Methodology

Our methodology is designed in such a manner to help you take maximum advantage of the internet technologies. It incorporates all aspects related to our website and allows us to ensure that the final product is of the highest standards. Below are the steps I will take to ensure that all your deliverables are completed in time, also I will try to solve each and every problem efficiently.

Requirement Analysis:

The first step for us is to analyze our target market's requirements. Who will be visiting our website, what will be the purpose of their visit, what is the primary goal of our website, how can I best cater to their needs etc. Many such questions are analyzed for the Needs Analysis stage.

If I am given access to the current website statistics, I would also like to analyze our current page views, average user time spent on the site, top landing pages, existing search engine rankings, existing bounce rates and many such factors. I analyze our online target audience and assess our differentiation strategy to best attract and retain our online visitors.

2.5 Dependencies/External Systems

User Interface: The webpages of Different templates ideas will permit complete navigation; including all the functionalities, starting from a simple searching of cards, to access the necessary information, to go through different ideas for design elements in websites such as cards that are used to give information and also as links to other pages, forms for payments, sing up, log in, contact, etc. which would indeed makes the website more interactive and interesting to use.

The portal is responsible for PCs, smart phones and other digital devices.

Hardware Requirements:

- Computer with RAM greater than 2 GB.
- Computer with i3 or above versions of Intel processors.
- Active internet connection provider Wi-Fi module.

Software Requirements:

- Windows 7 or above versions
- Visual Studio Code
- Web Browser

Chapter-3

Implementation Details

To implement is defined as to put something in effect.

We have designed website's front-end using HTML5, CSS3 and JavaScript to provide user-friendly interface. To make implementation details more clear here are some of the highlighting points:

• To implement homepage in an efficient way.

• To enable users to search necessary details in website.

• To enable users fetch details from website.

• To enable on-click search of design elements such as cards that are used to give information and also as a link to other pages, forms for payments, sing up, log in, contact, etc.

• To implement smooth transitions and good hover effects in various areas.

• To implement user-interface very user-friendly and interactive.

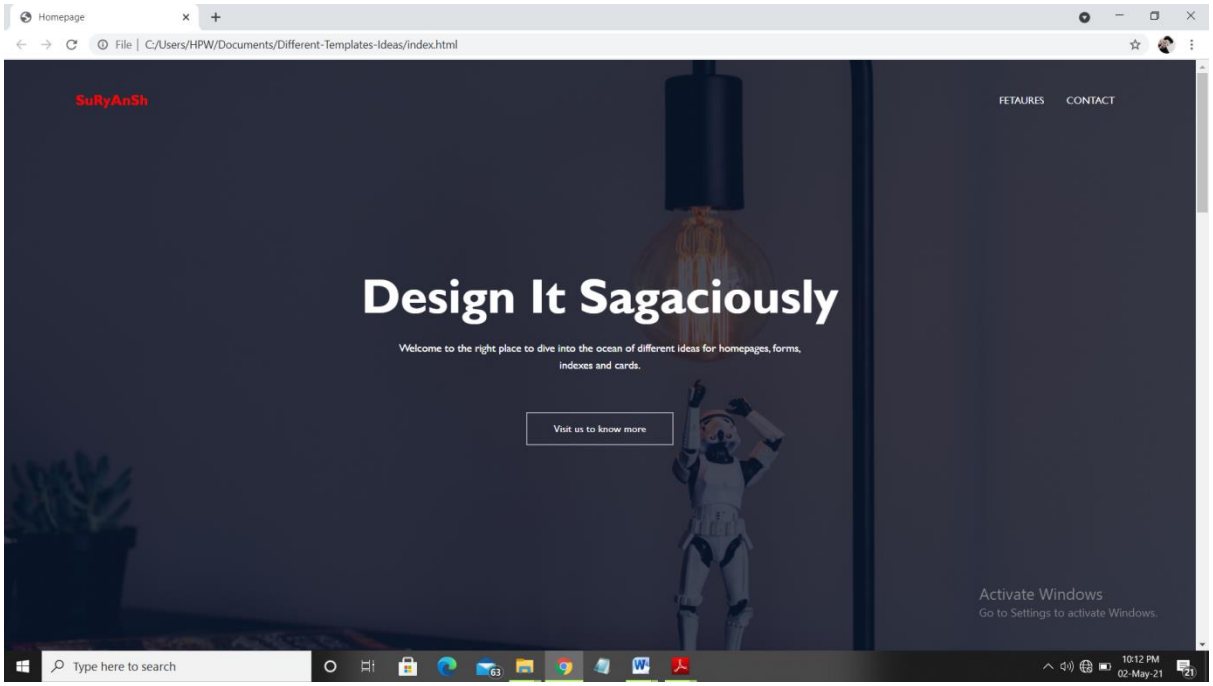
Chapter-4

Project Work

The Different templates ideas website is build both for desktop as well as smartphones. However it is also responsive for other digital devices as well like tab, etc., so using this website on any media consumption device is not an issue or concern of problem. Front-end of website is build using HTML5, CSS3 and JavaScript to provide user friendly interface. Website has many parts to showcase and display information. Here in the project website will be asked to provide information regarding design elements such as cards, forms.

There are different web pages in this web application for displaying information. Screenshot of different webpages are shown in the upcoming pages and screenshot of the homepage is on the next page.

• Home page:



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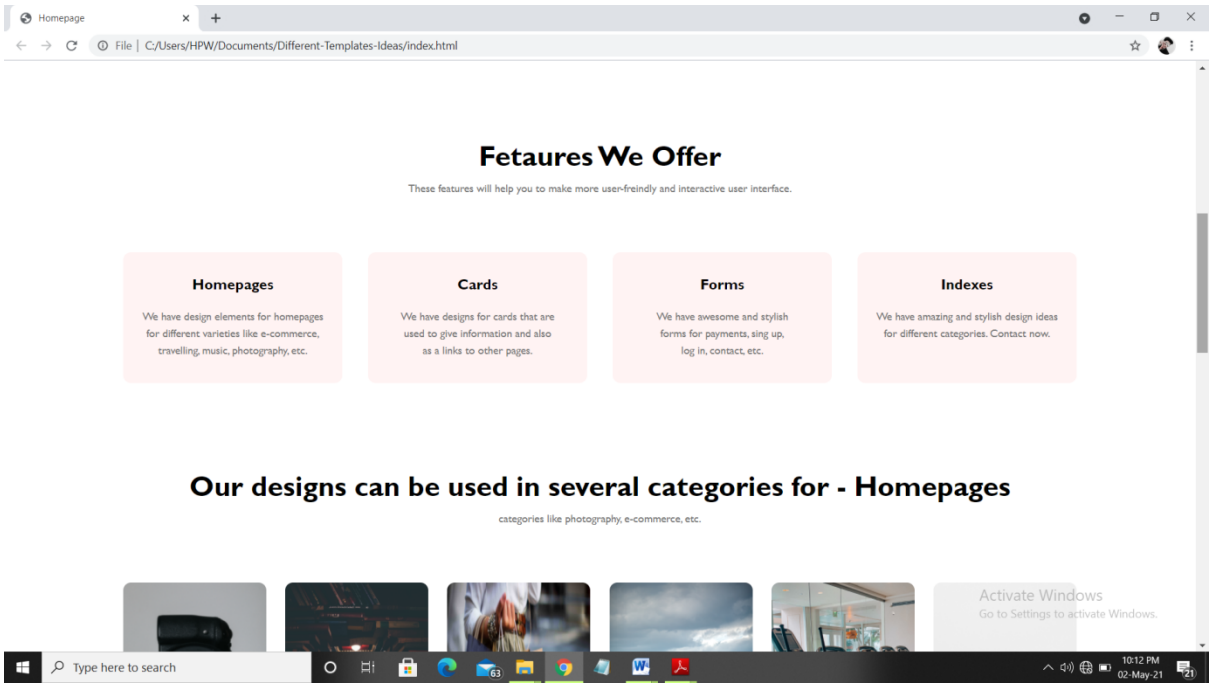

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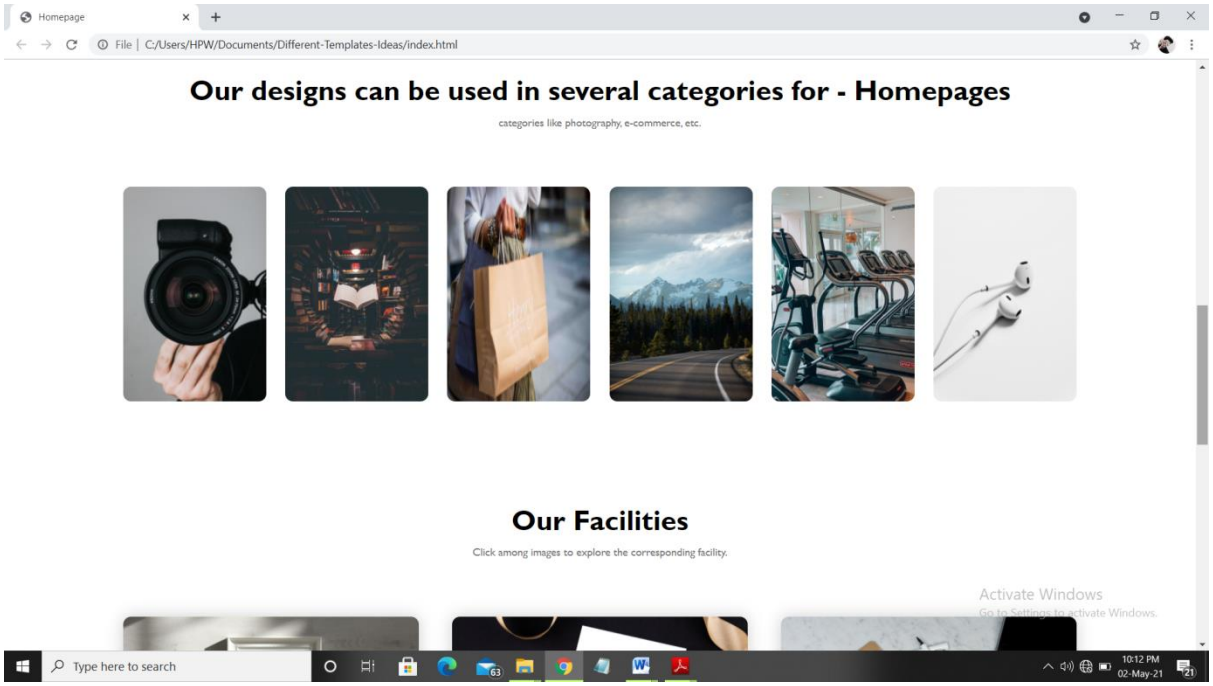

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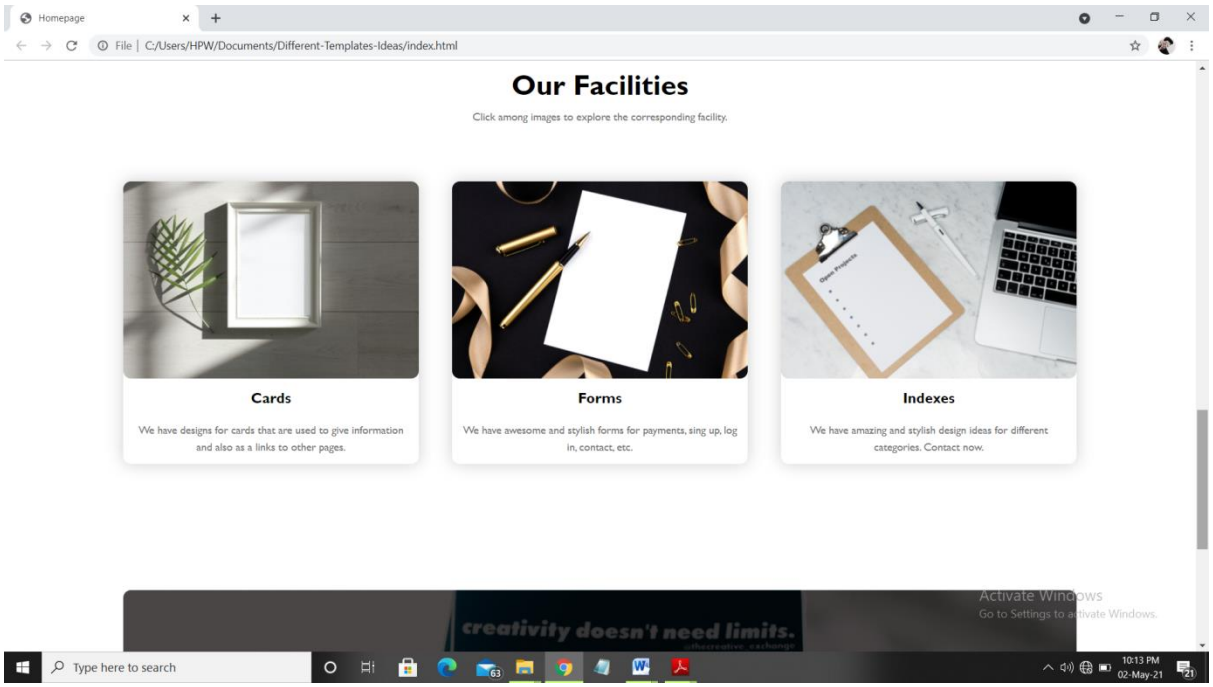

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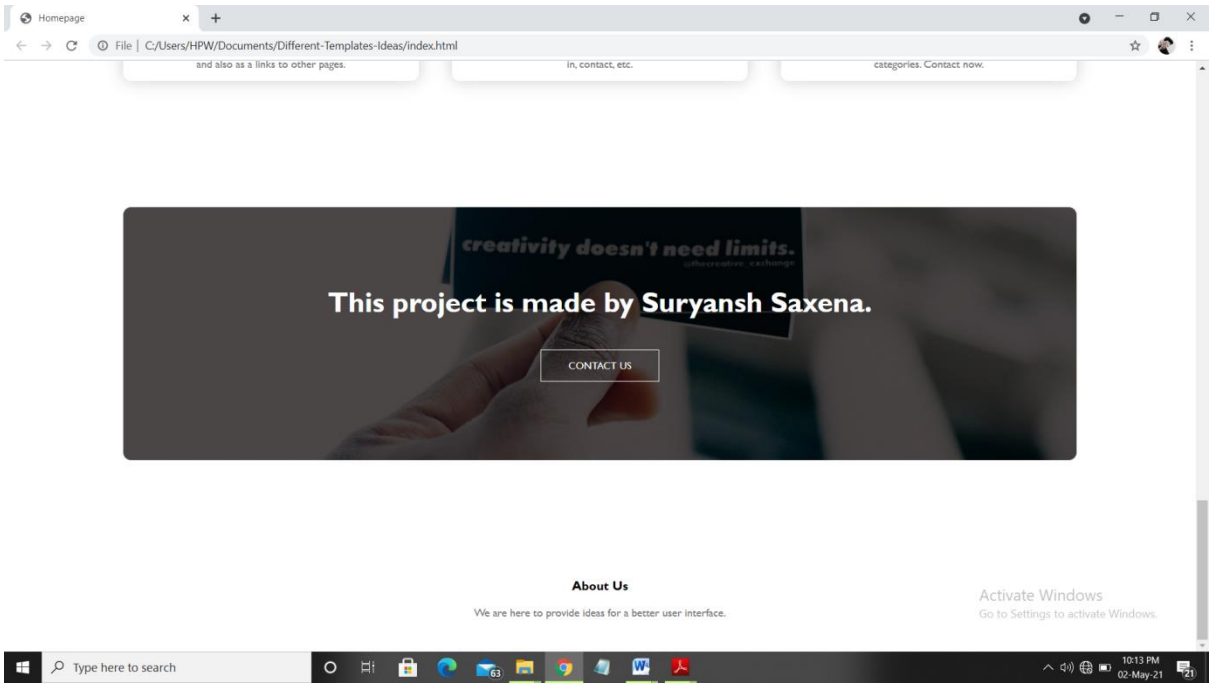
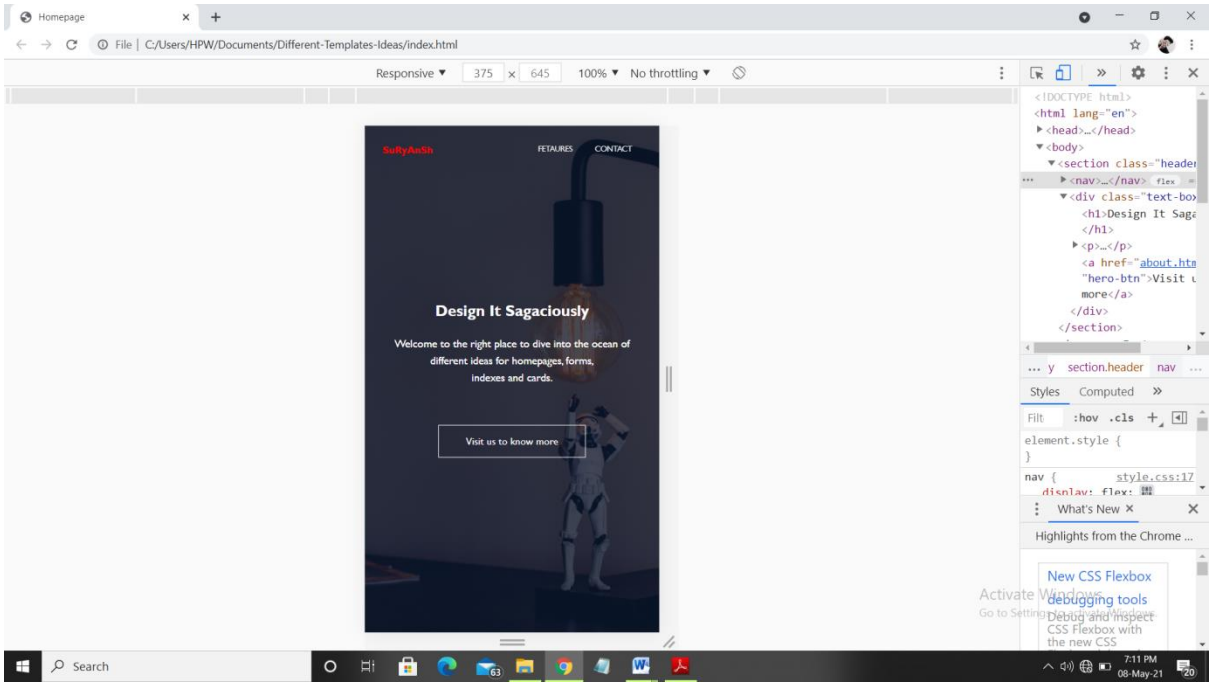
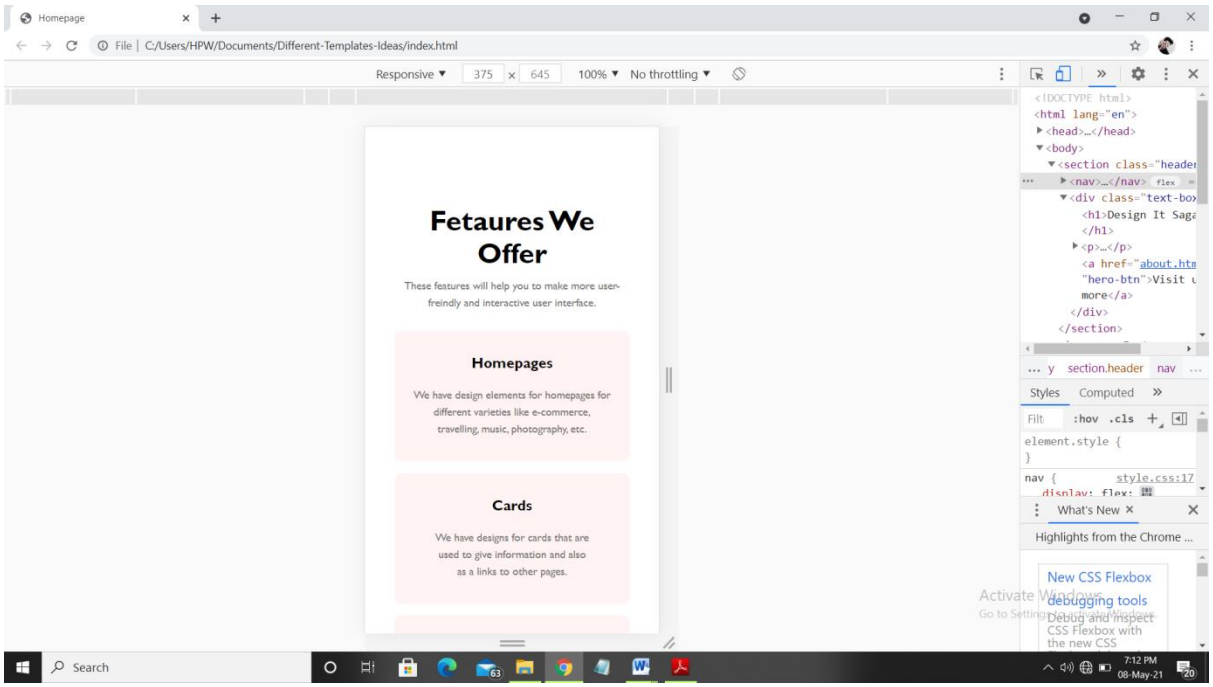
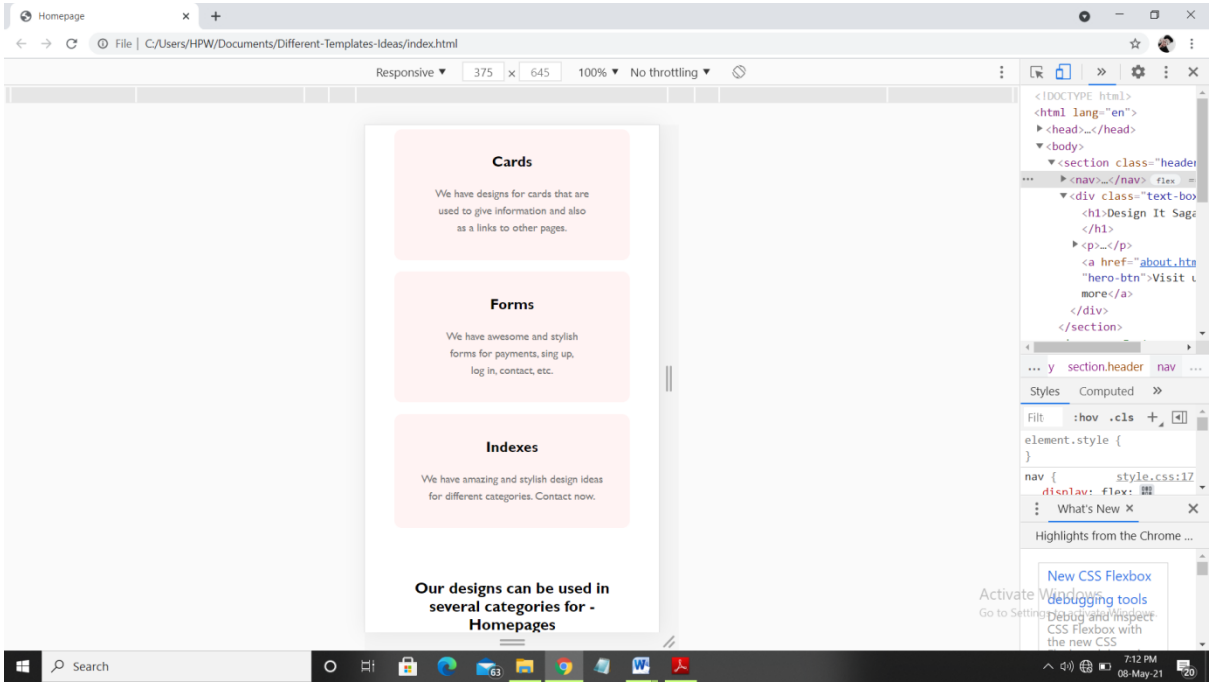


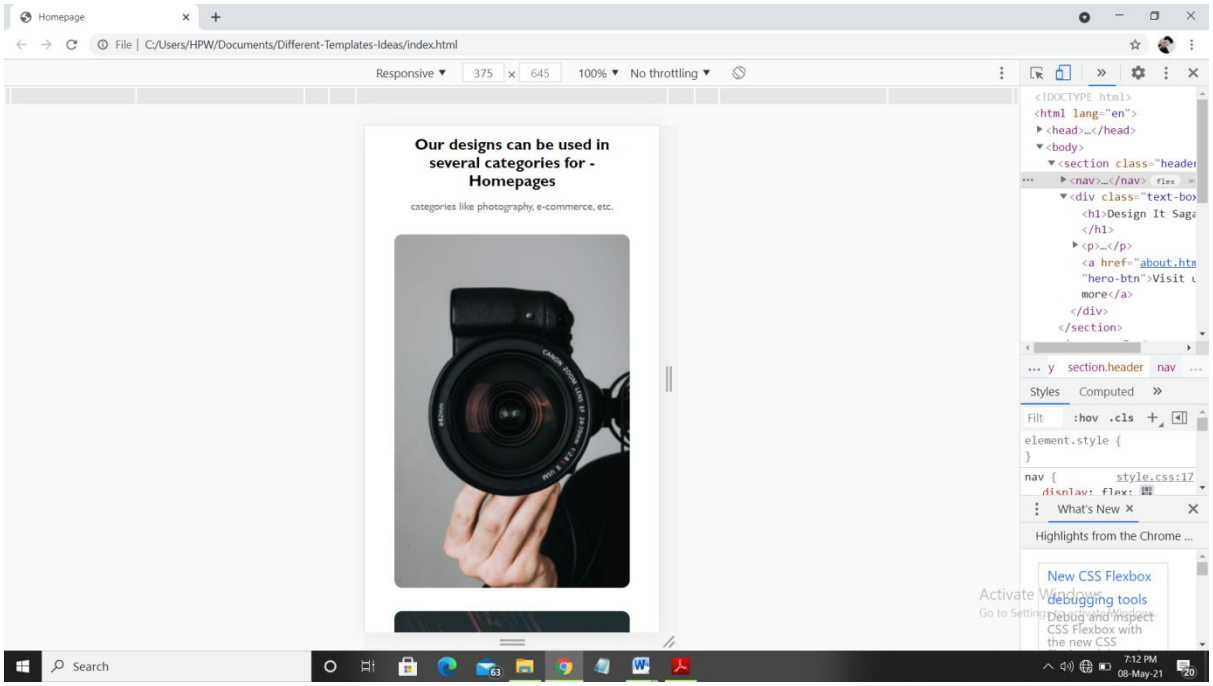
Homepage has several impressive hover effects. The header of the homepage contains two buttons namely ‘Features’, ‘Contact’. The website is also responsive for smartphones so screenshot of homepage for mobile is given in the next page

Screenshot of mobile view of homepage:






Homepage
File | C:/Users/HPW/Documents/Different-Templates-Ideas/index.html
Responsive 375 x 645 100% No throttling
Cards
We have designs for cards that are used to give information and also as a links to other pages.
Forms
We have awesome and stylish forms for payments, sing up, log in, contact, etc.
Indexes
We have amazing and stylish design ideas for different categories. Contact now.
Our designs can be used in several categories for - Homepages
Styles
Computed
What's New
Highlights from the Chrome ...
New CSS Flexbox debugging tools
Debug and inspect CSS Flexbox with the new CSS
Search


Homepage
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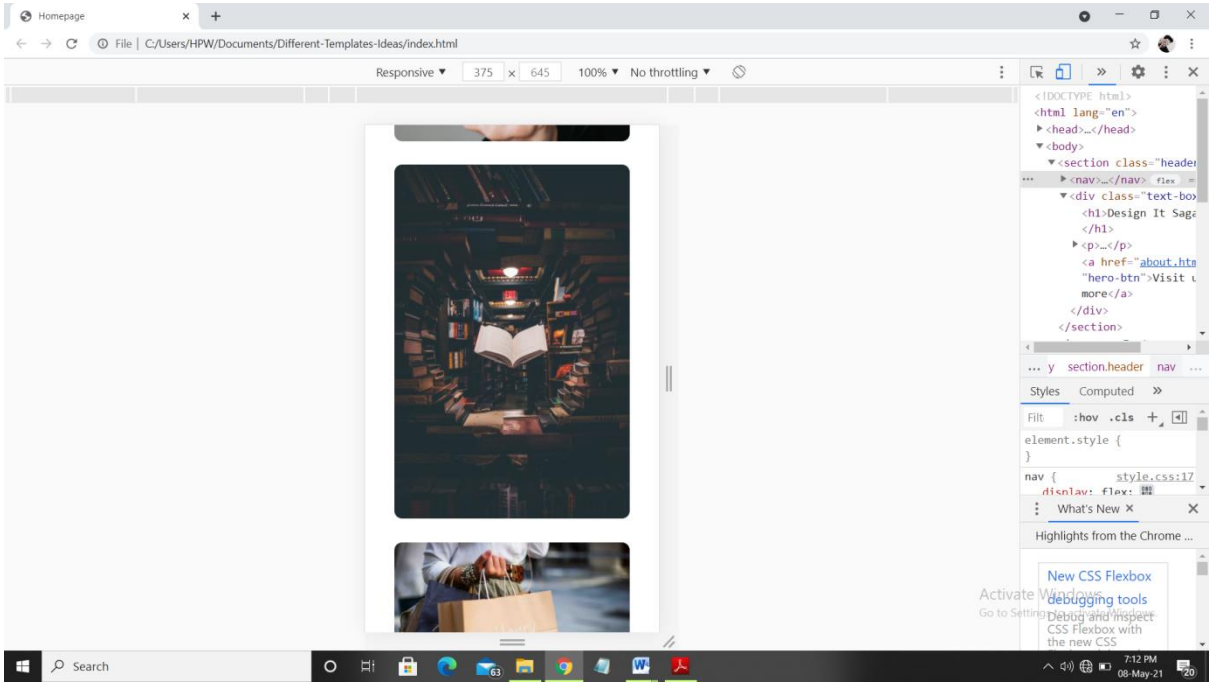
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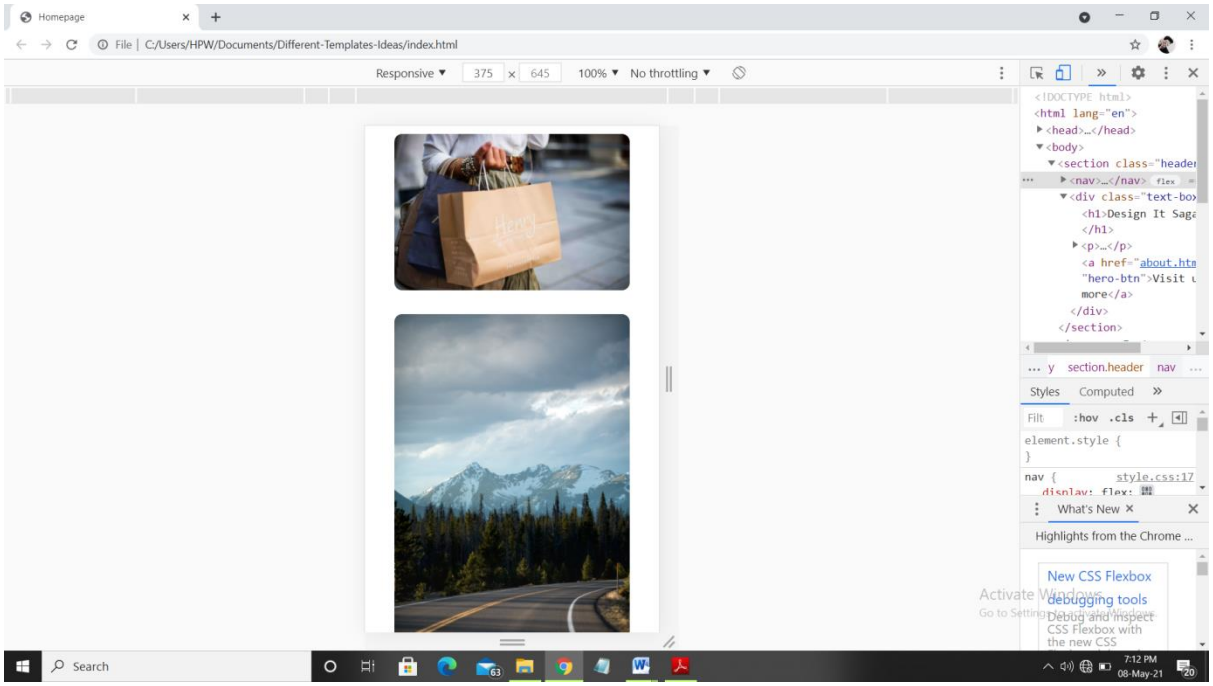
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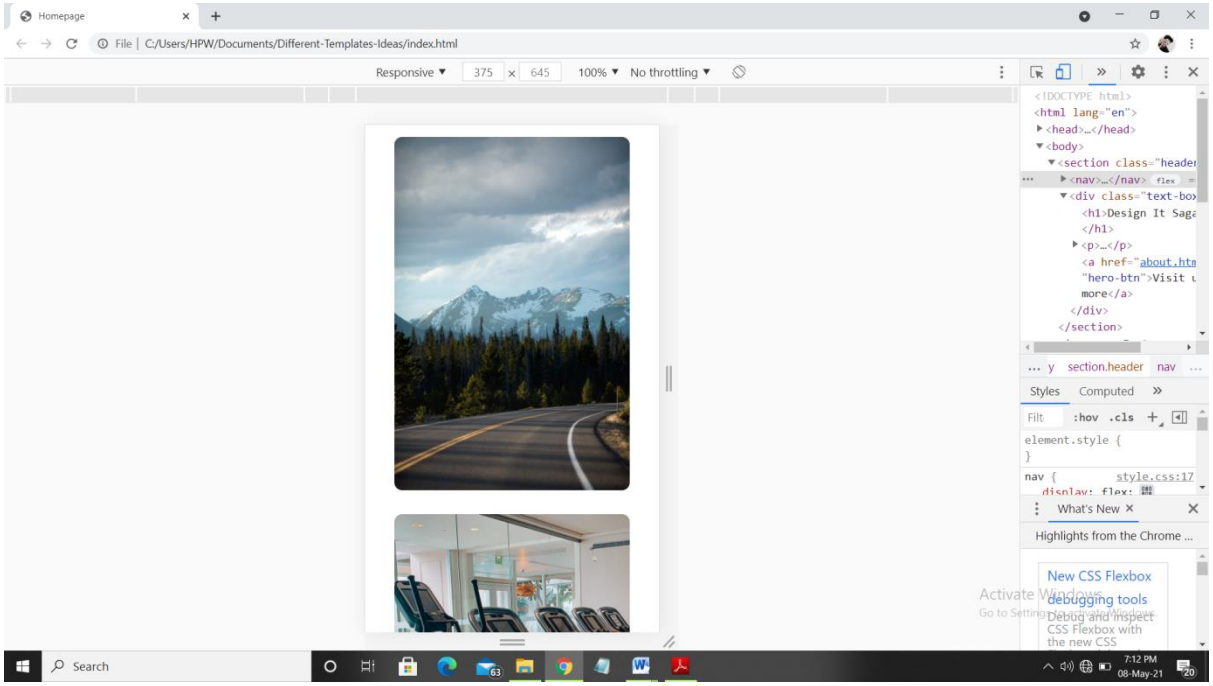
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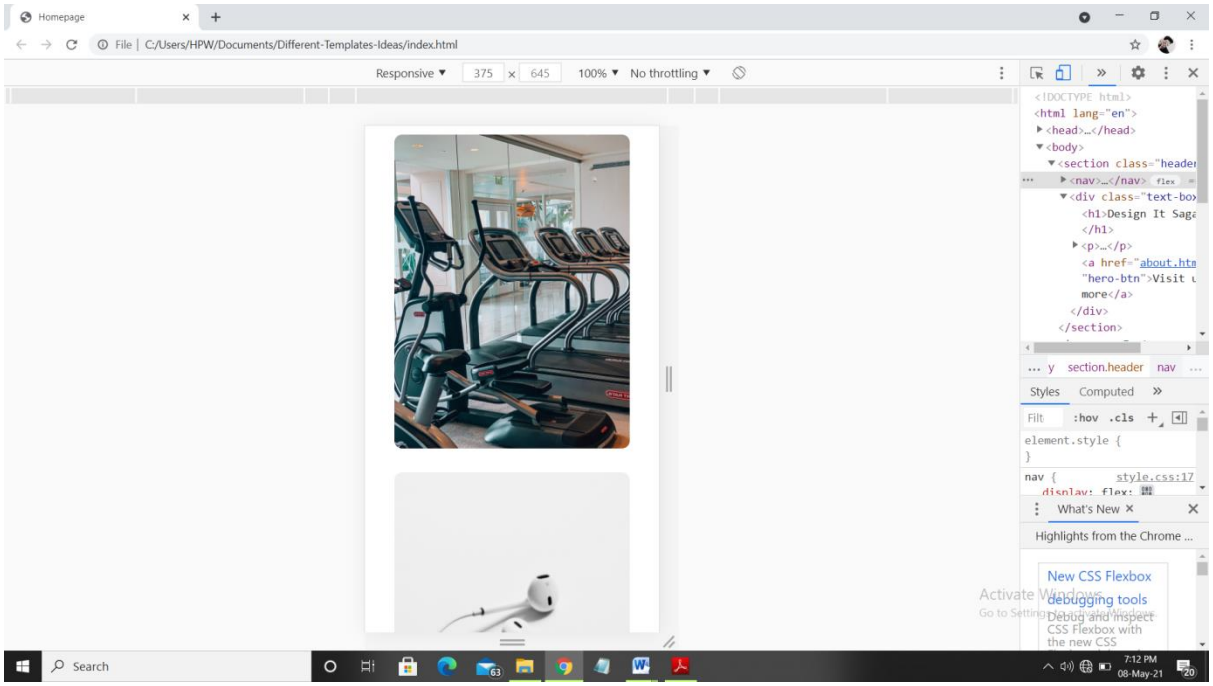
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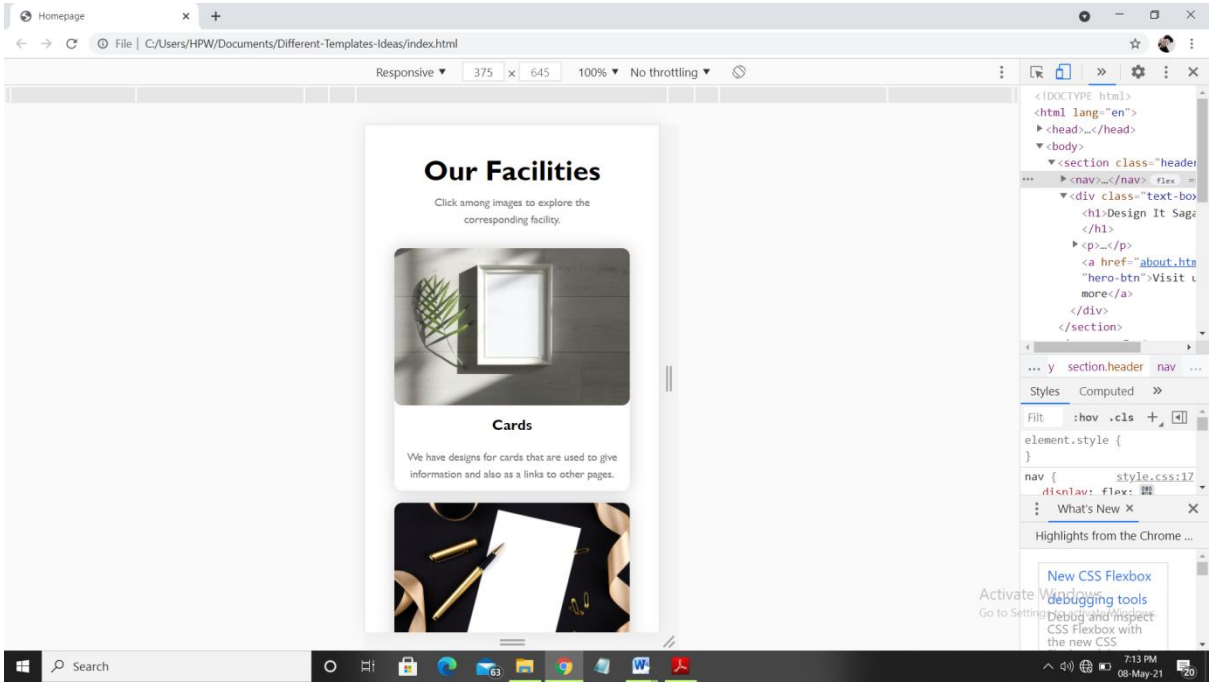
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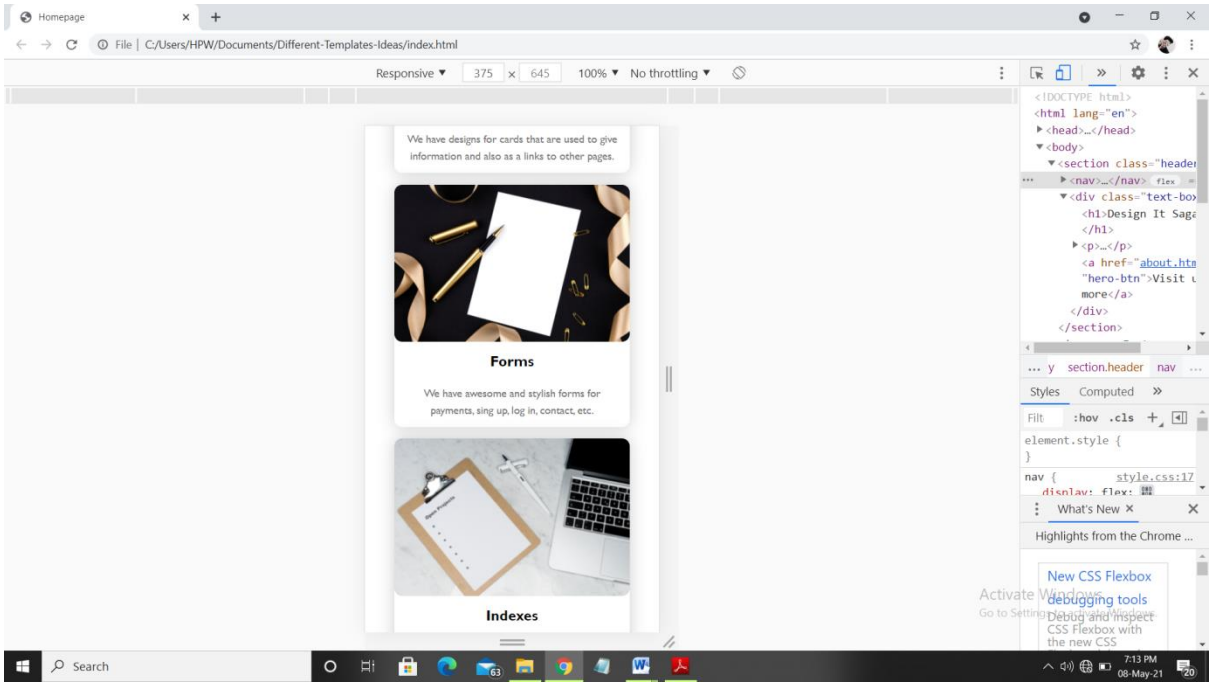
File | C:/Users/HPW/Documents/Different-Templates-Ideas/index.html
Responsive 375 x 645 100% No throttling
Our Facilities
Click among images to explore the corresponding facility.
Cards
We have designs for cards that are used to give information and also as a links to other pages.
Search
7:13 PM
08-May-21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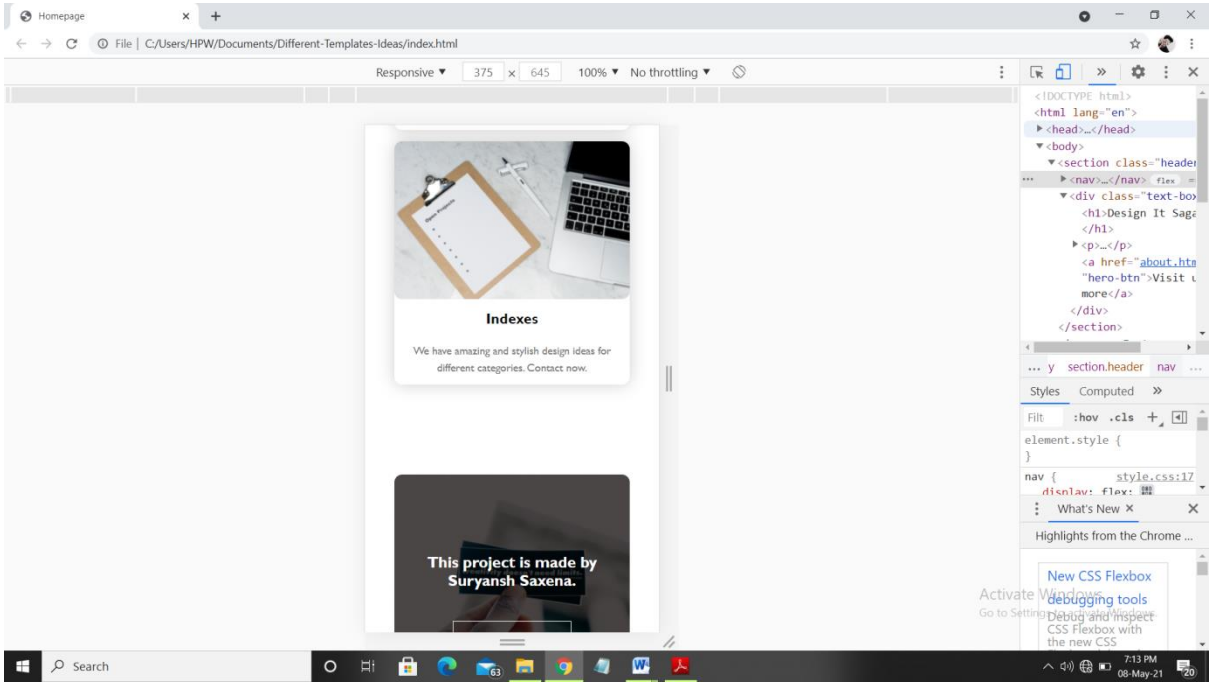
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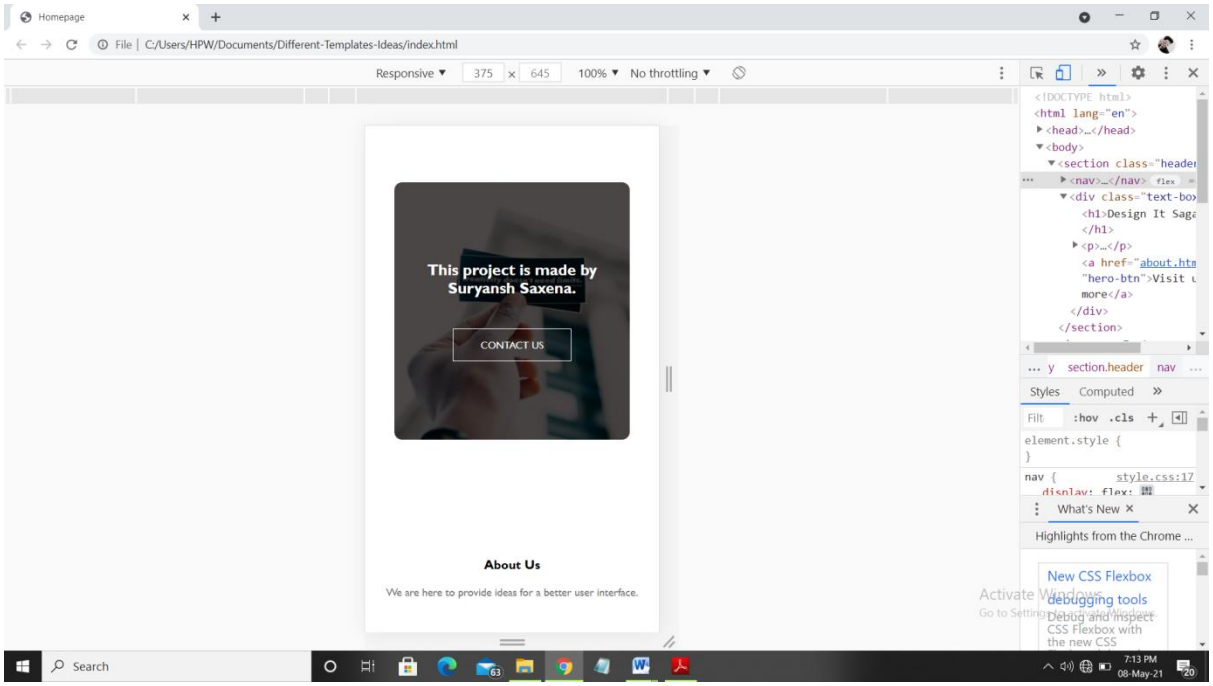
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CONTACT US
About Us
We are here to provide ideas for a better user interface.
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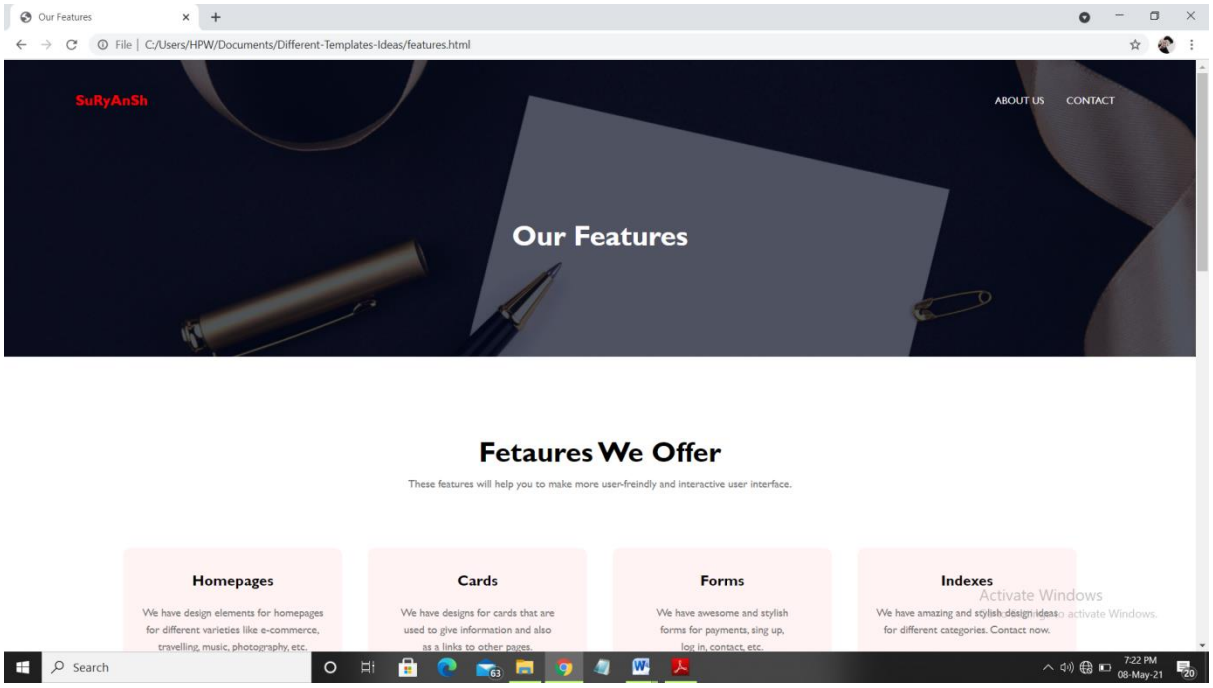
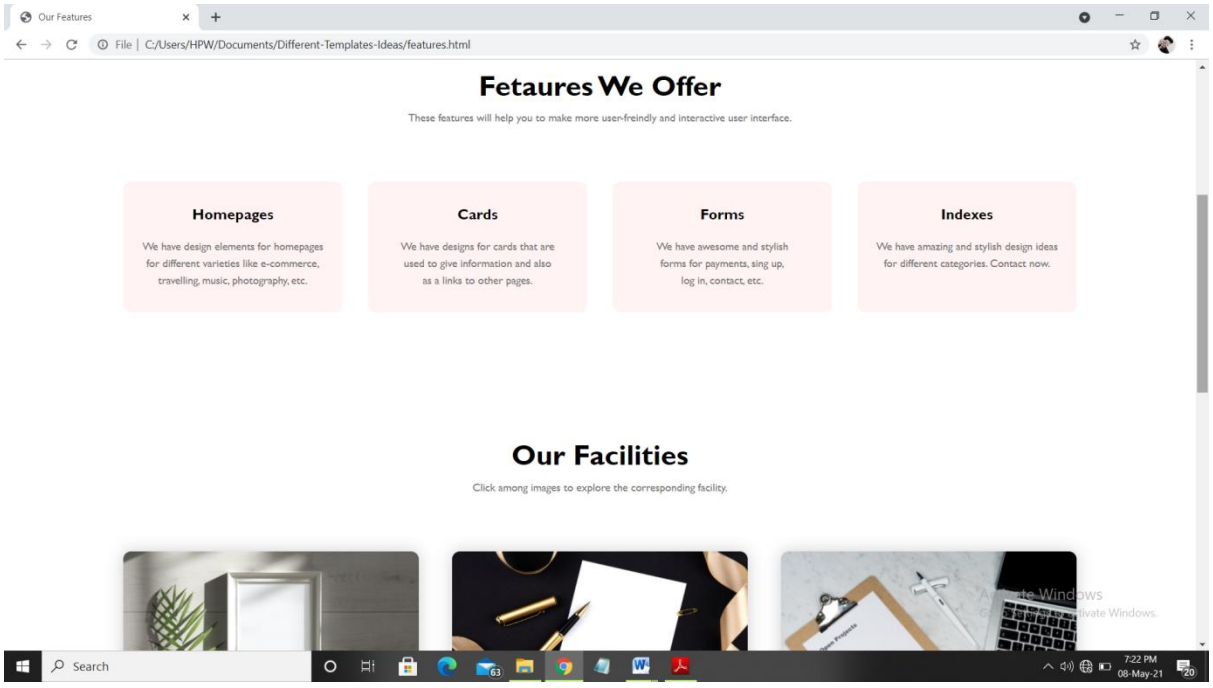
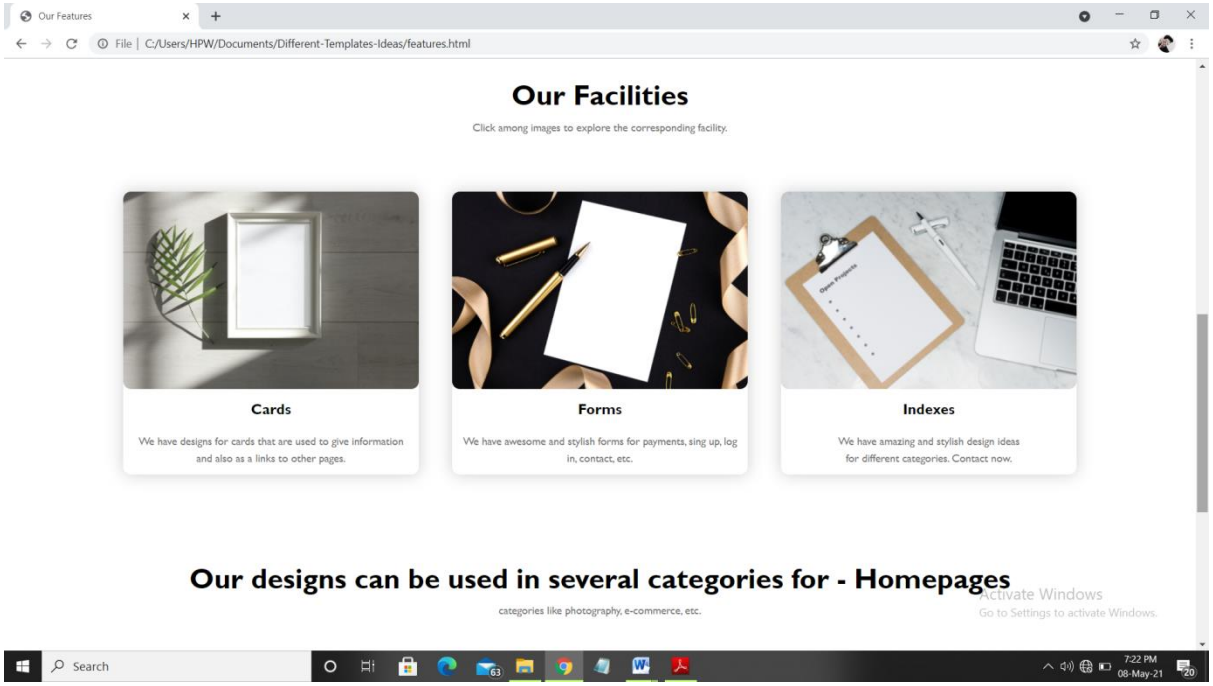
Features page:






Our Features
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Our Facilities
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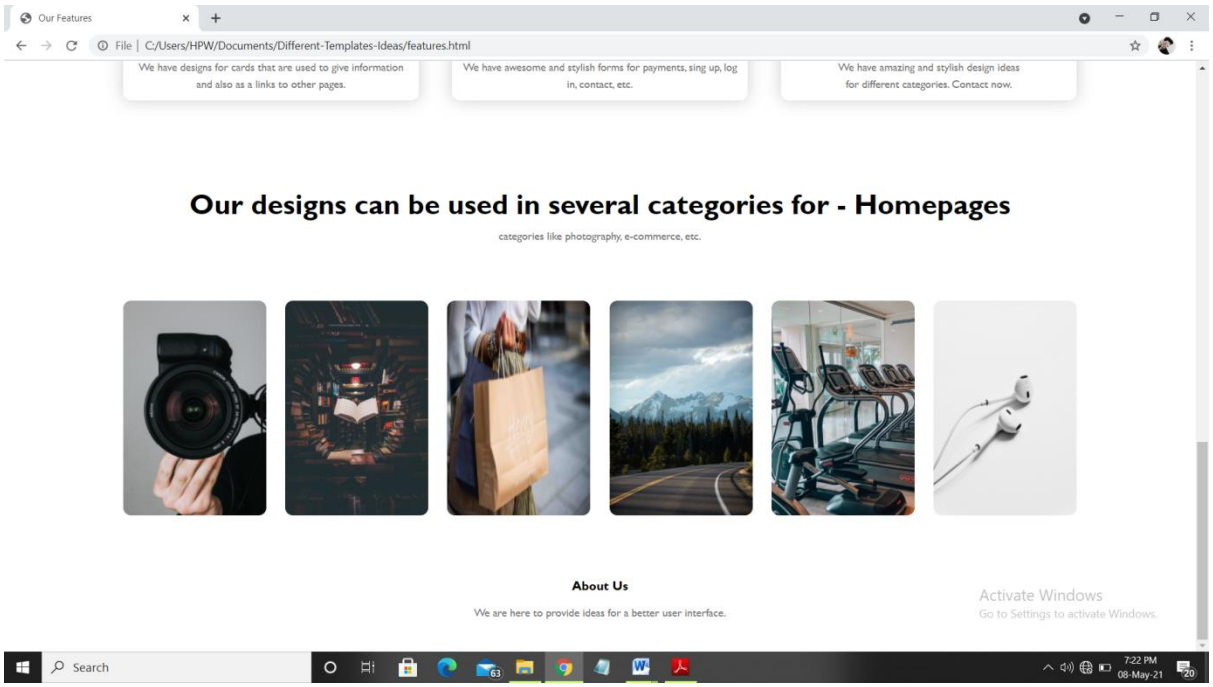
Indexes
We have amazing and stylish design ideas for different categories. Contact now.
Our designs can be used in several categories for - Homepages
categories like photography, e-commerce, etc.
Activate Windows
Go to Settings to activate Windows.
Search
7:22 PM
08-May-21


Our Features
File | C:/Users/HPW/Documents/Different-Templates-Ideas/features.html
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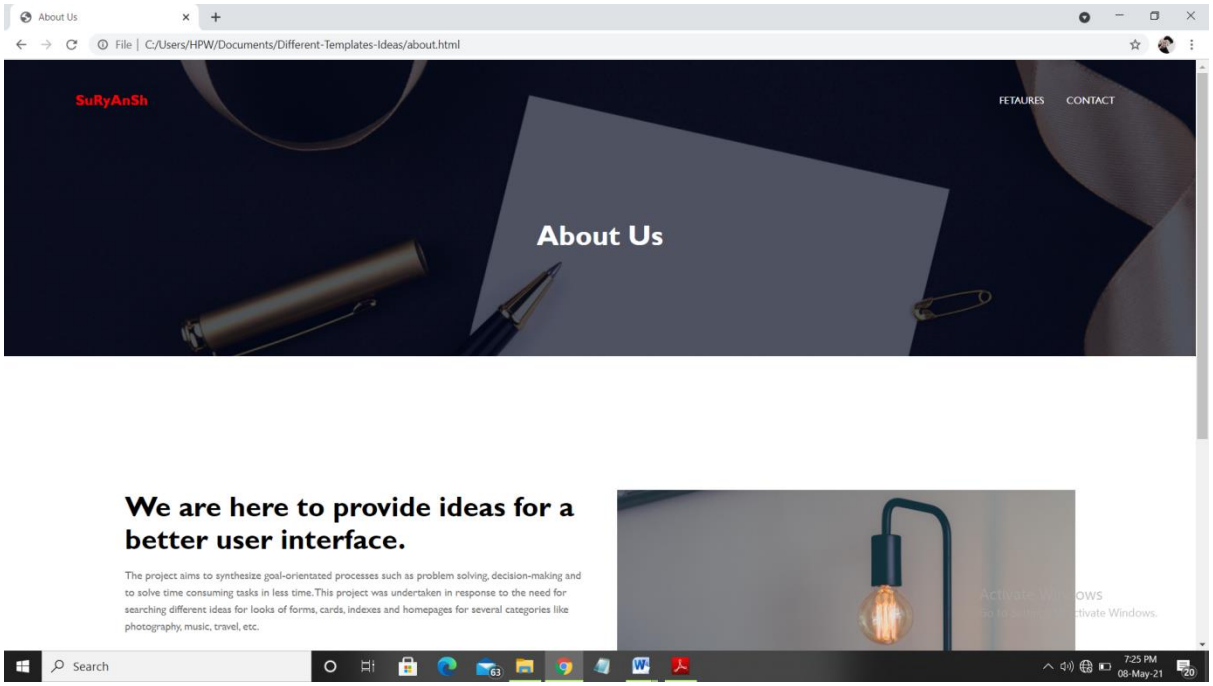
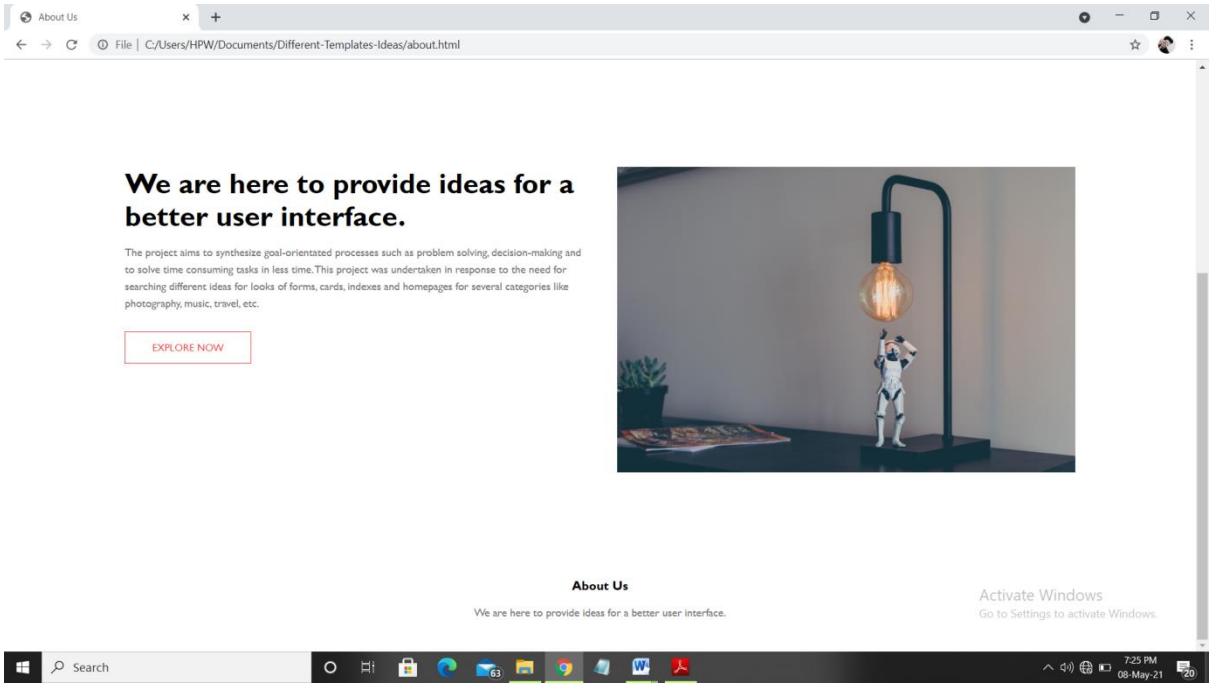
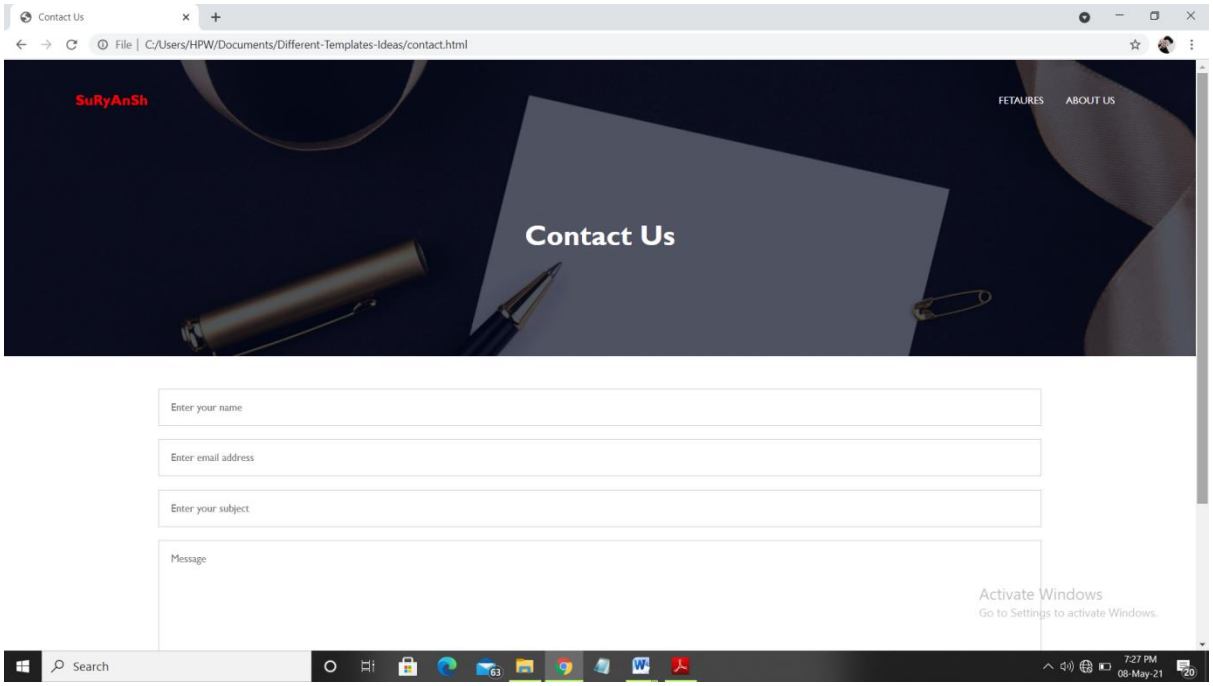
We have awesome and stylish forms for payments, sing up, log in, contact, etc.
We have amazing and stylish design ideas for different categories. Contact now.
Our designs can be used in several categories for - Homepages
categories like photography, e-commerce, etc.
About Us
We are here to provide ideas for a better user interface.
Activate Windows
Go to Settings to activate Windows.
Search
7:22 PM
08-May-21

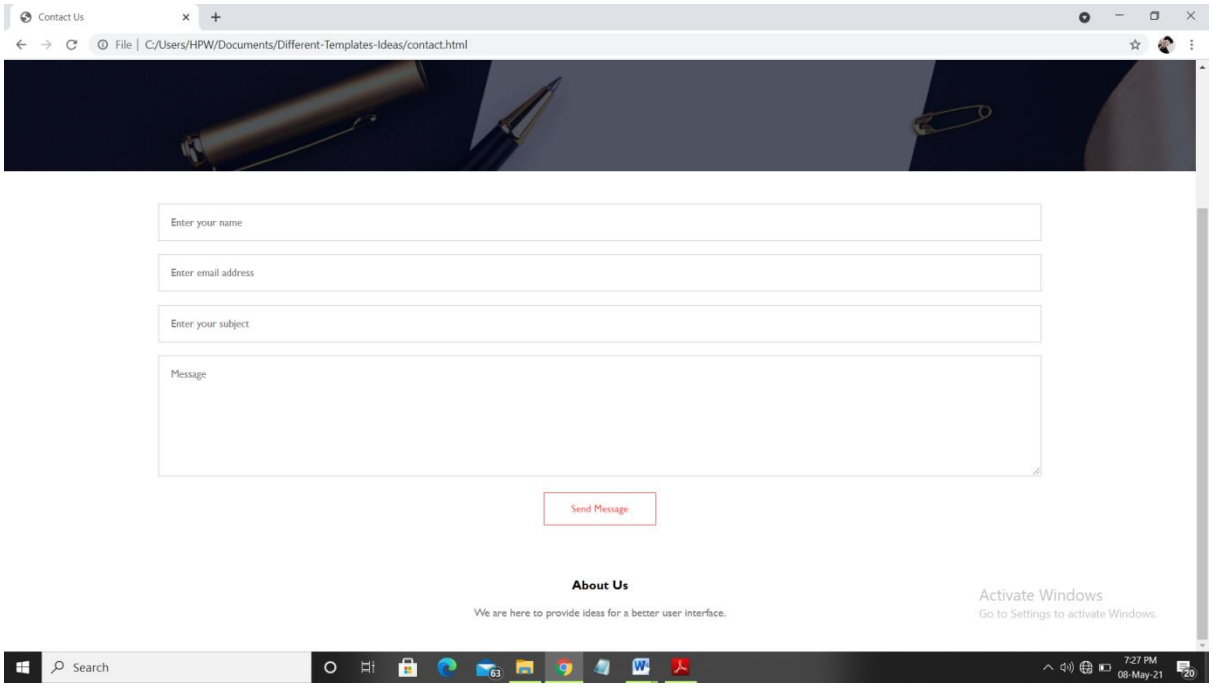
About us page:



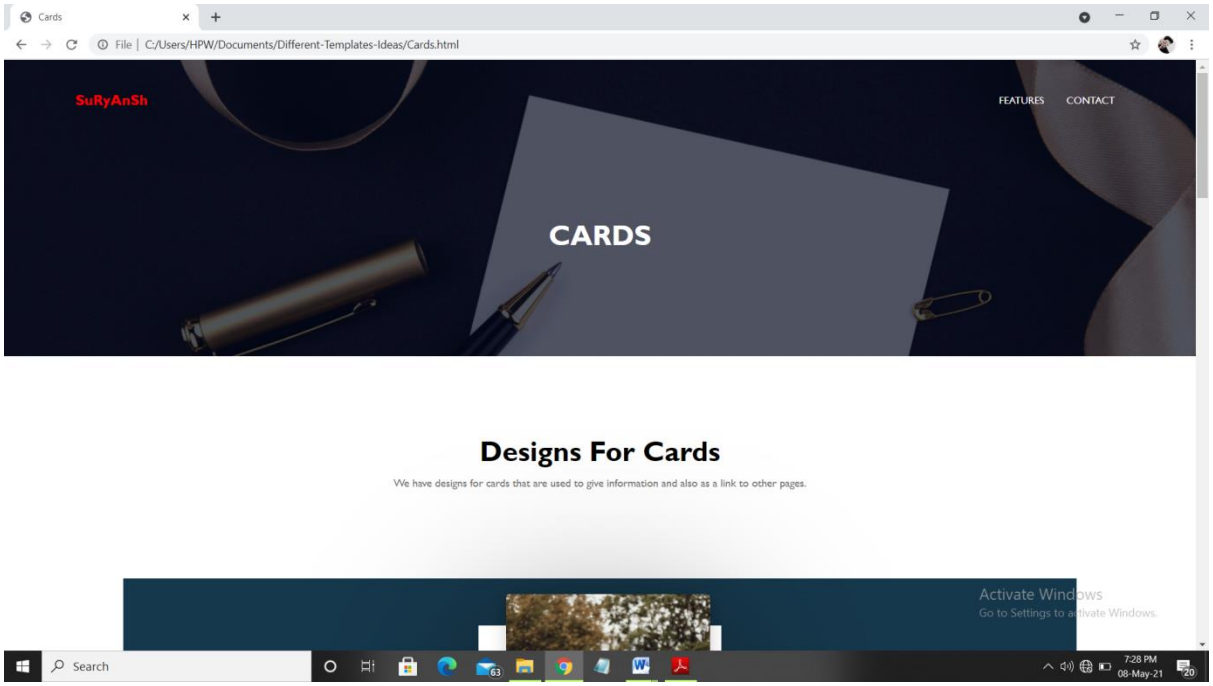


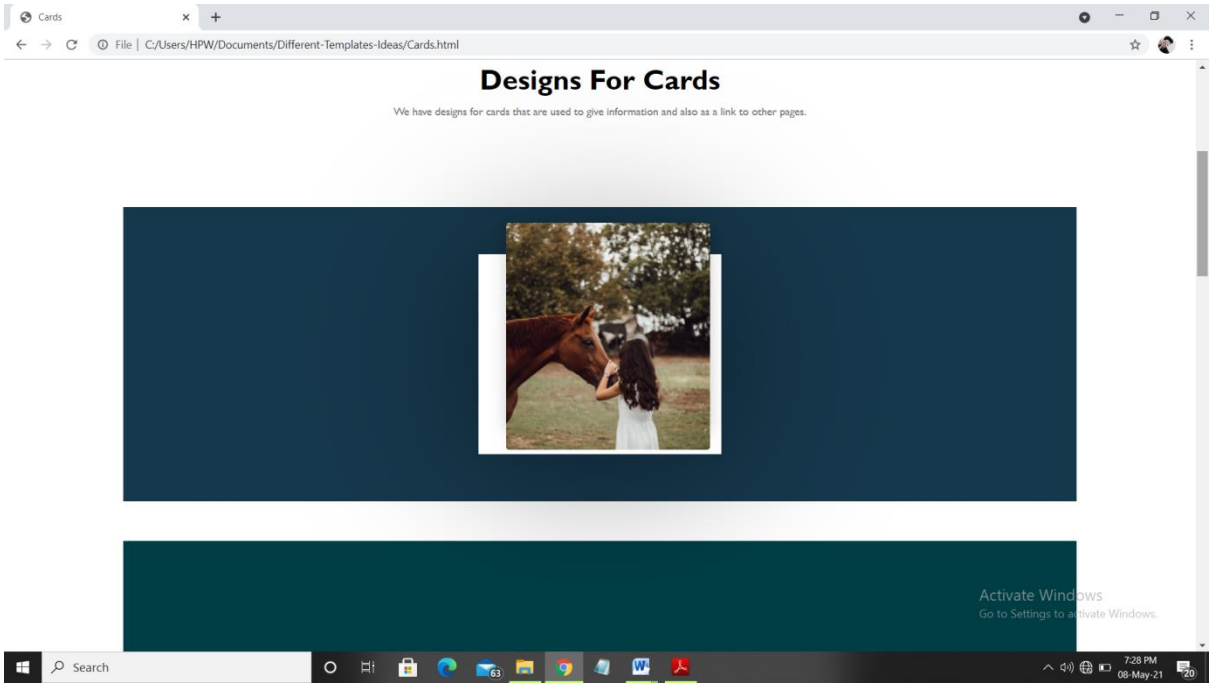
Contact page:

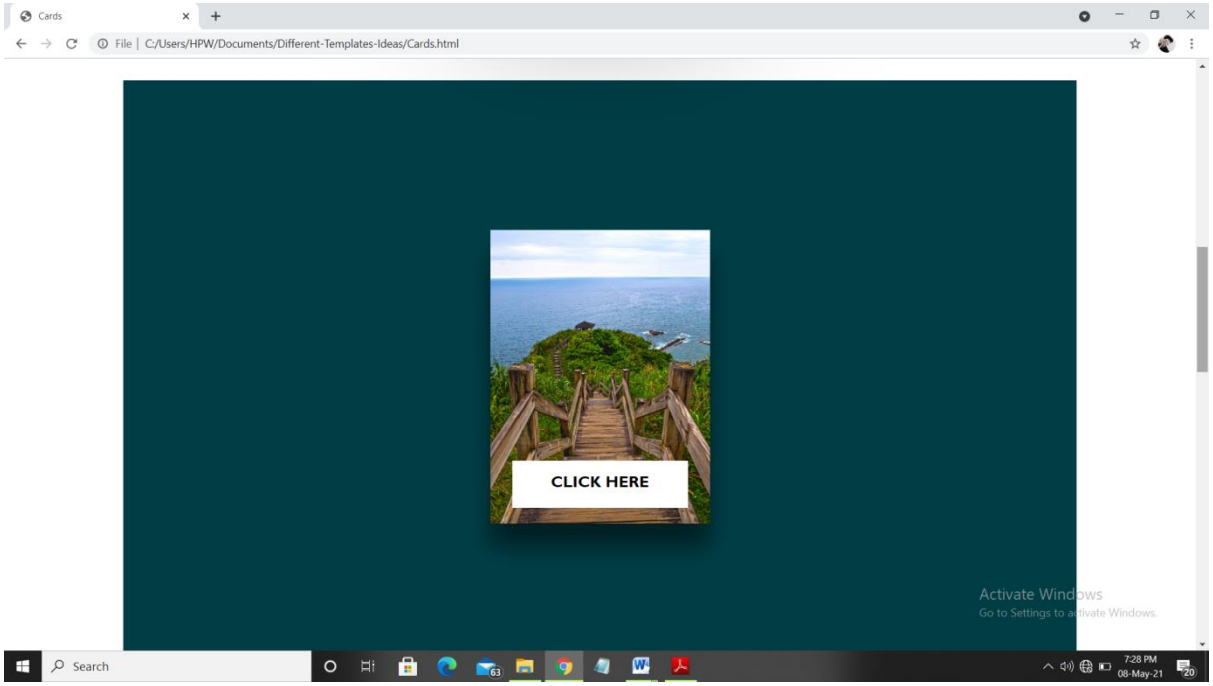


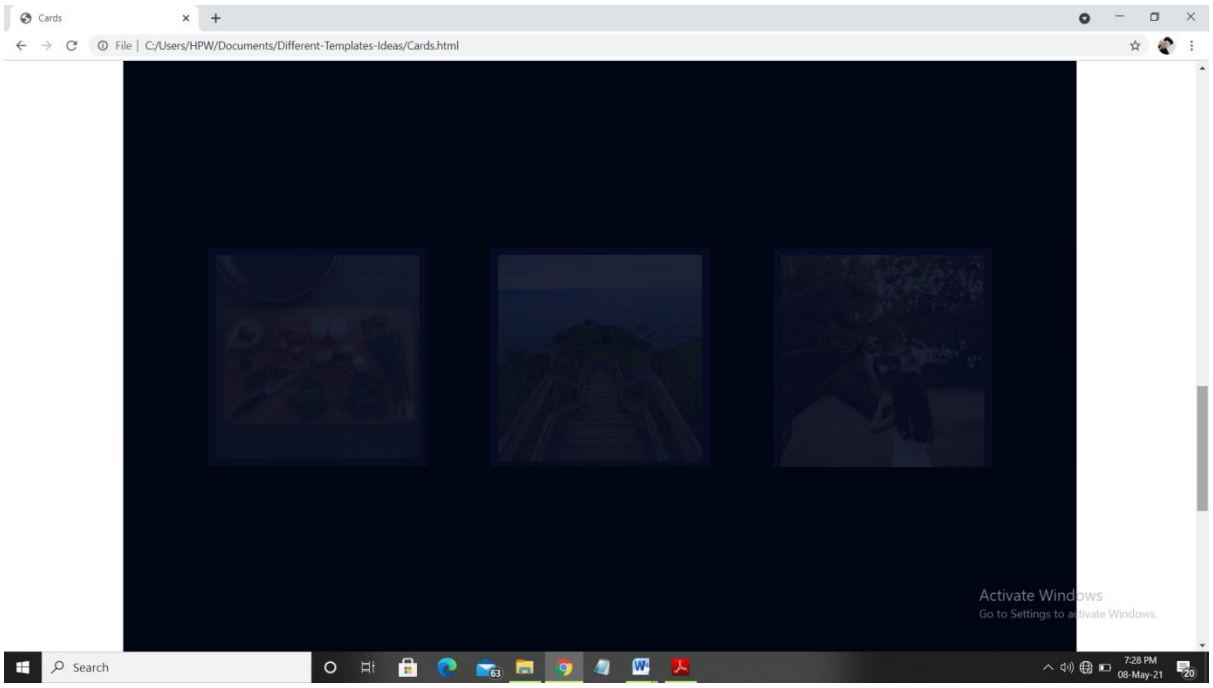


Page showing cards:






Cards
File | C:/Users/HPW/Documents/Different-Templates-Ideas/Cards.html
CLICK HERE
Activate Windows
Go to Settings to activate Windows.
Search
7:28 PM
08-May-21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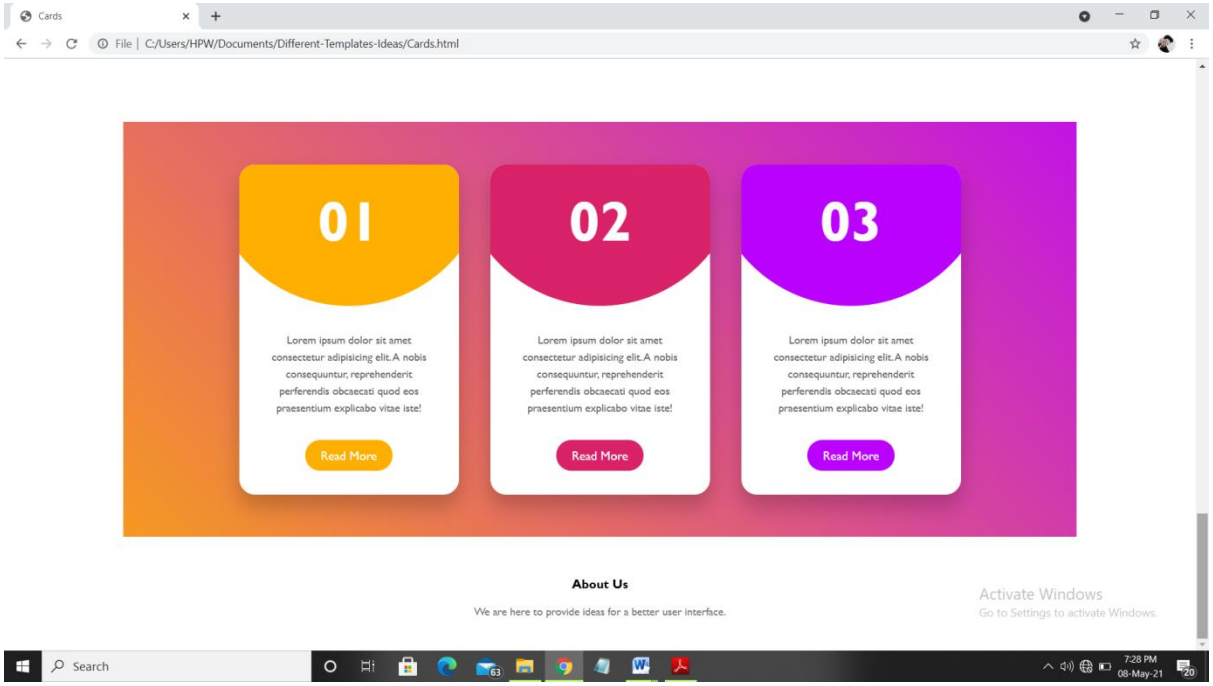
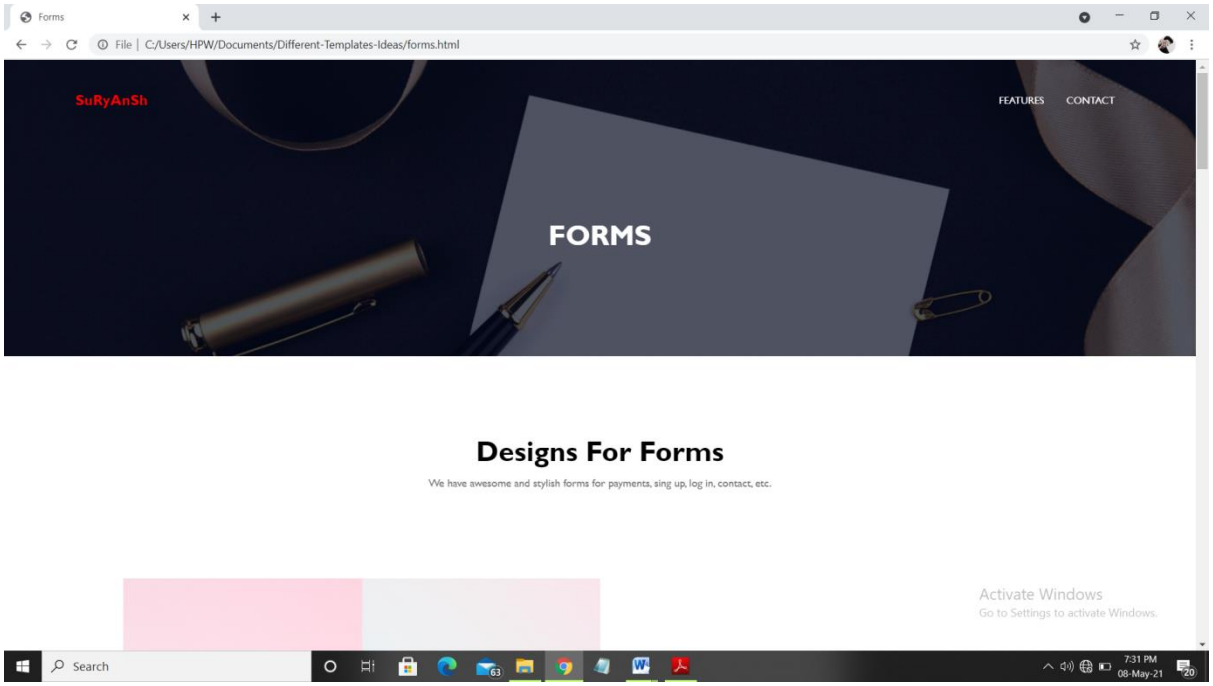
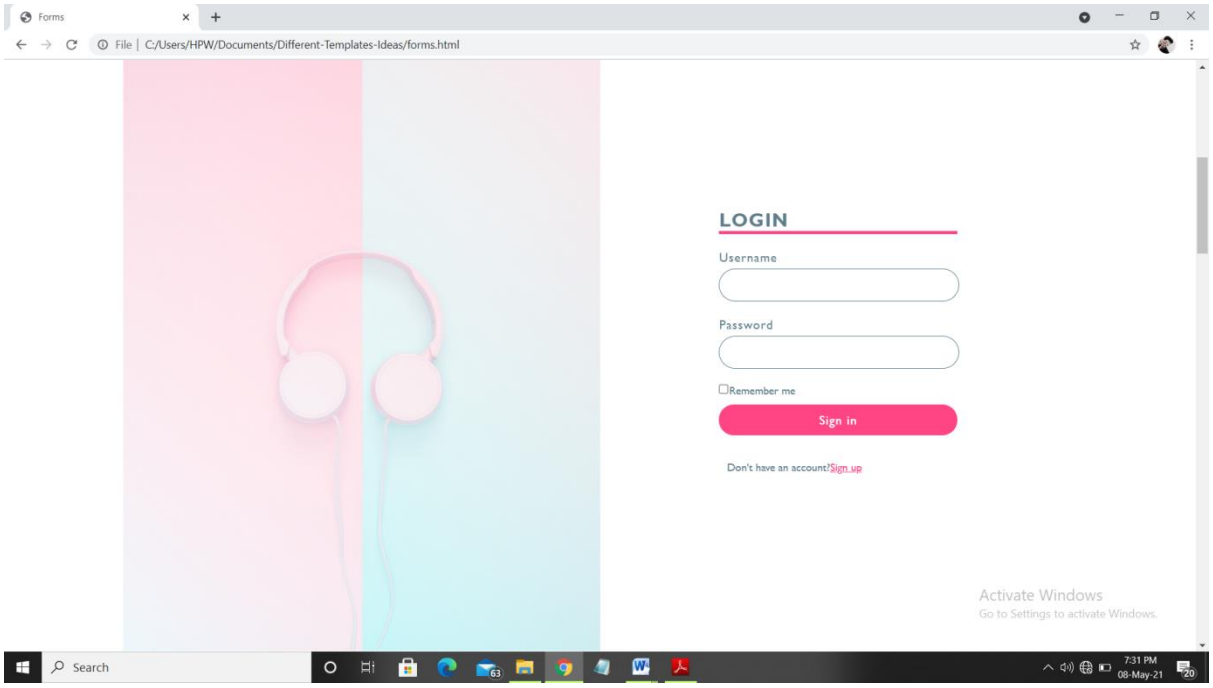
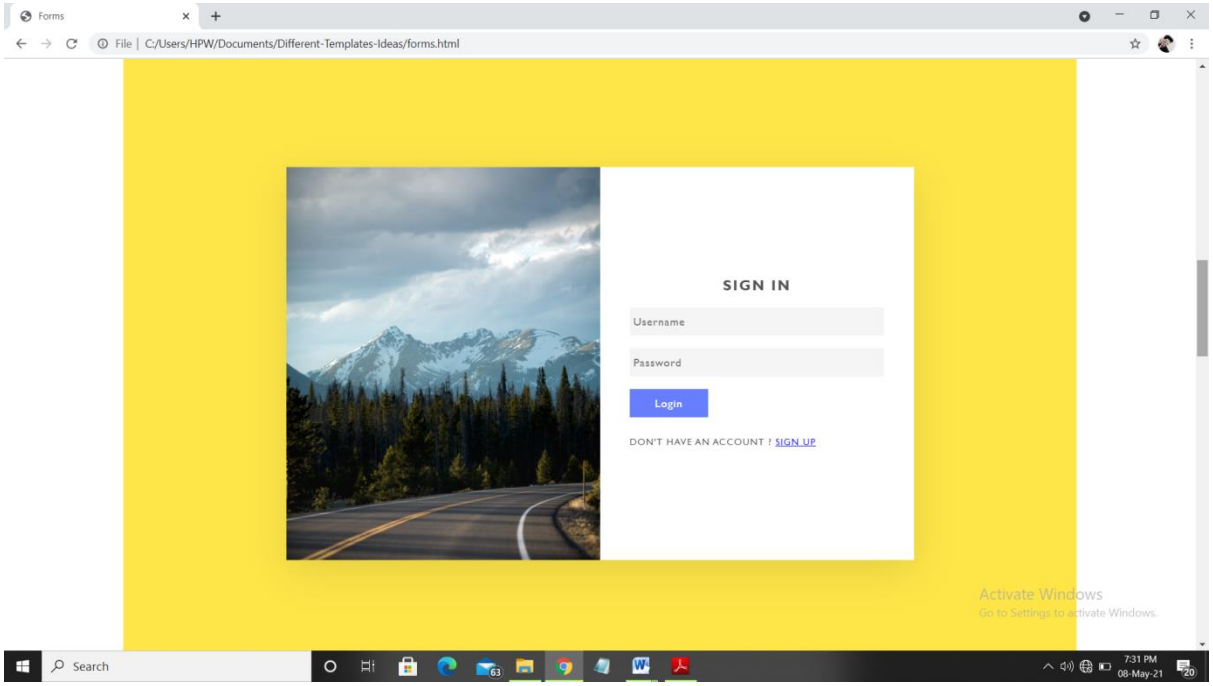
Activate Windows
Go to Settings to activate Windows.
Search
7:28 PM
08-May-21

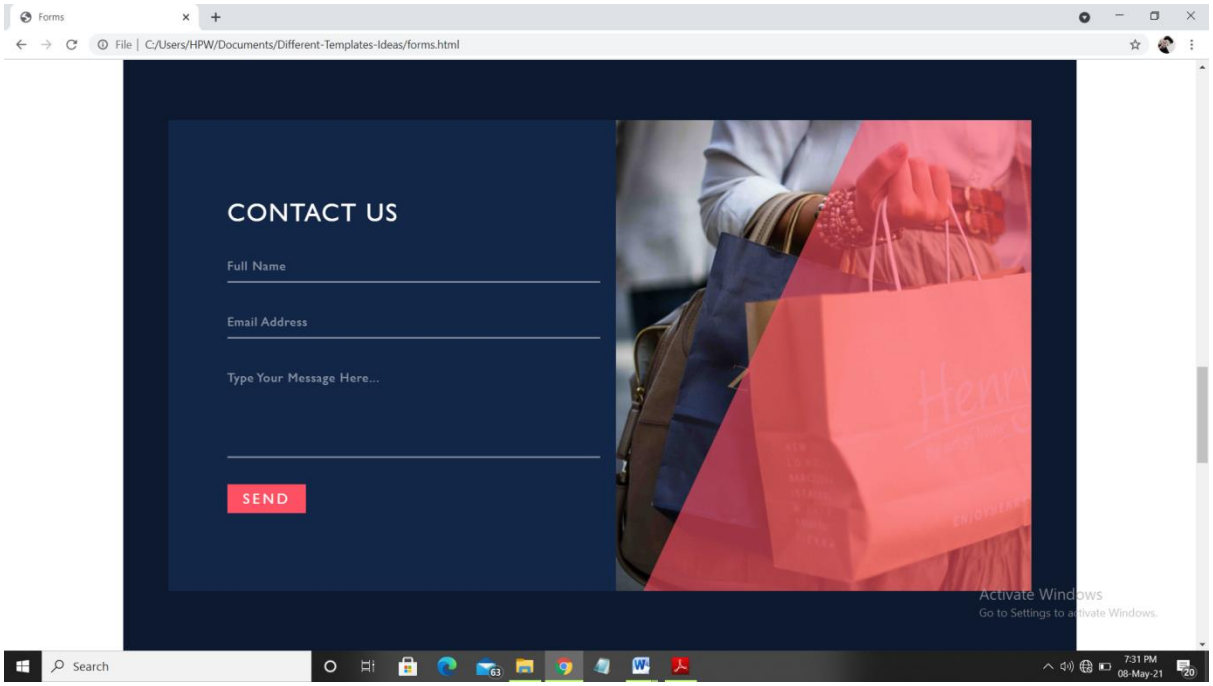

Cards
File | C:/Users/HPW/Documents/Different-Templates-Ideas/Cards.html
01
02
03
Lorem ipsum dolor sit amet consectetur adipisicing elit.A nobis consequuntur, reprehenderit perferendis obcaecati quod eos praesentium explicabo vitae iste!
Read More
Lorem ipsum dolor sit amet consectetur adipisicing elit.A nobis consequuntur, reprehenderit perferendis obcaecati quod eos praesentium explicabo vitae iste!
Read More
Lorem ipsum dolor sit amet consectetur adipisicing elit.A nobis consequuntur, reprehenderit perferendis obcaecati quod eos praesentium explicabo vitae iste!
Read More
About Us
We are here to provide ideas for a better user interface.
Activate Windows
Go to Settings to activate Windows.
Search
7:28 PM
08-May-21

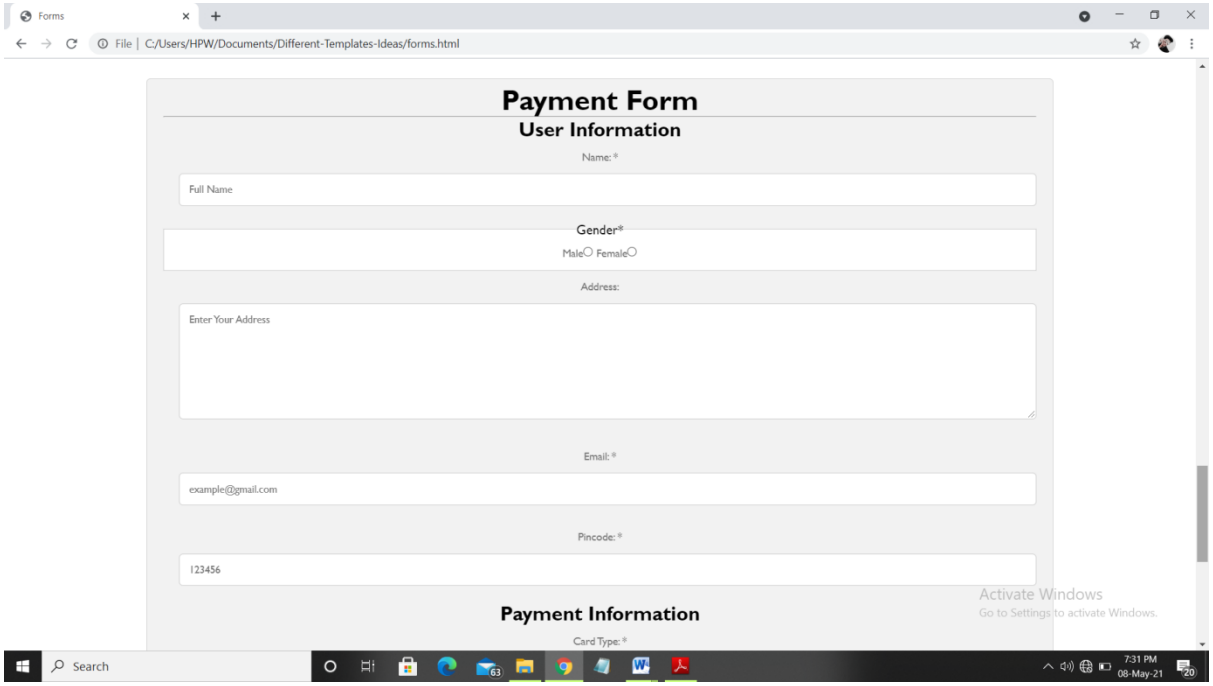
Page showing forms:

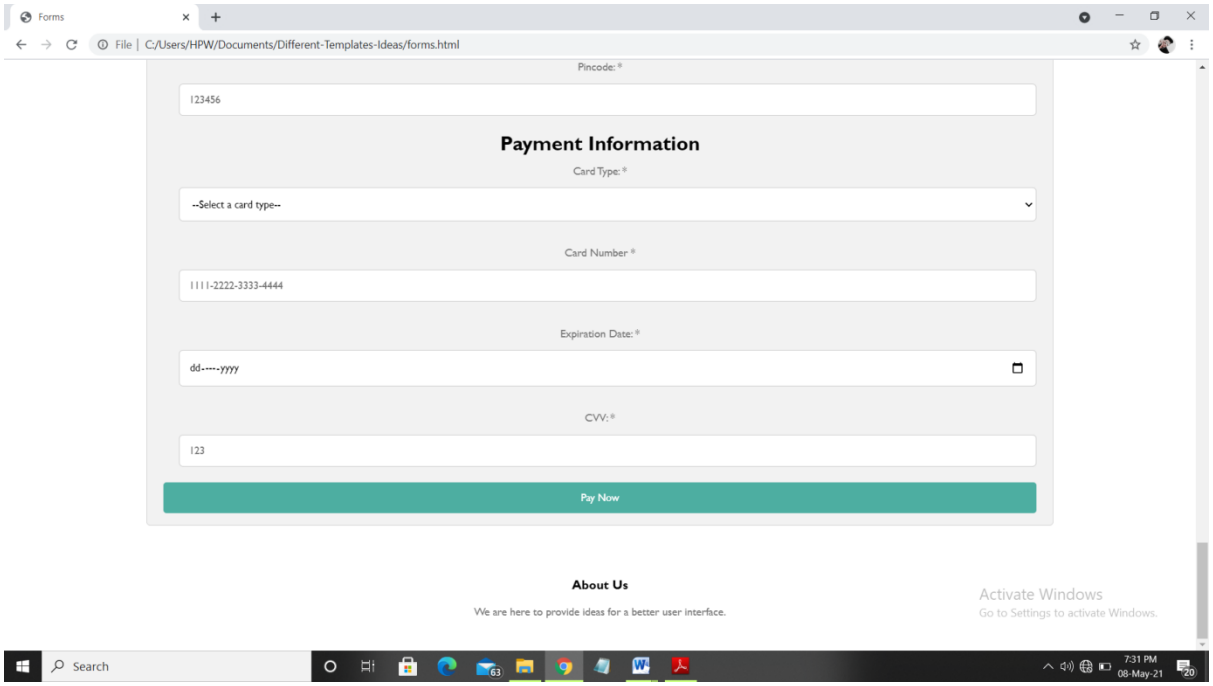





Forms
File | C:/Users/HPW/Documents/Different-Templates-Ideas/forms.html
SIGN IN
Username
Password
Login
DON'T HAVE AN ACCOUNT ? SIGN UP
Activate Windows
Go to Settings to activate Windows.
Search
7:31 PM
08-May-21


Forms
File | C:/Users/HPW/Documents/Different-Templates-Ideas/forms.html
CONTACT US
Full Name
Email Address
Type Your Message Here...
SEND
Activate Windows
Go to Settings to activate Windows.
Search
7:31 PM
08-May-21


Forms
File | C:/Users/HPW/Documents/Different-Templates-Ideas/forms.html
Payment Form
User Information
Name: *
Full Name
Gender*
Male Female
Address:
Enter Your Address
Email: *
example@gmail.com
Pincode: *
123456
Payment Information
Card Type: *
Activate Windows
Go to Settings to activate Windows.
Search
7:31 PM
08-May-21


Forms
File | C:/Users/HPW/Documents/Different-Templates-Ideas/forms.html
Pincode: *
123456
Payment Information
Card Type: *
--Select a card type--
Card Number *
1111-2222-3333-4444
Expiration Date: *
dd----yyyy
CVV: *
123
Pay Now
About Us
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Chapter-5

Benefits of the project

Project benefits are the advantages and gains that are delivered by a project. The project 'Different Templates Ideas' is built to bring benefits for the users who are in search of some awesome and interesting design elements for website. So, to increase the convenience of finding such design elements this project provides following benefits:

• Easy to search.

• It provides interesting and interactive design elements.

• There are very smooth transitions in various areas of the website.

• Interactive and interesting hovering effects.

• The website is full responsive for different devices like smartphones, tab etc.

• The UI of website is very user friendly and easy to use. It has very impressive and attractive look. And the transitions and hover effects used throughout the website are very innovative and interactive.

Chapter-6

References

• **Beta-labs:** *redirects from here:*

https://www.beta-labs.in/