



# Responsive Website

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# Project Overview

Project Name:

Responsive Website

Language used:

Html, Css, Javascript

Editor:

V S Code

Type:

Webpage

# Abstract

The responsive web design solves the compatibility problems of web pages displayed at different resolutions, different platforms, and different screen sizes, and also brings high-quality experience to users. Based on the research on responsive web design, and related technologies of HTML5 and CSS3, the design ideas and key technologies of responsive design with a responsive enterprise website. Response web design based on HTML5 and CSS3 has proved to be feasible and effective.

# Introduction

Responsive Website can be viewed using many different devices:

Desktops, tablets, and phones. Your web page should look good, and be easy to use, regardless of the device.

1. Responsive Web Site (RWS) is a process of designing a single website to be used and compatible on different portable or handle electronic devices
2. It regarded as an integrated approach of designing through which compelling and easy to use website are build, to give an optimal viewing user experience across a wide variety of device starting from desktop computers to mobile phones.

## **Scope of the project**

Responsive Website is the design approach for building webpages where-in the code would recognize the device accessing the website and scale the components according to it. For example, the contents and images that are used to load a website on the desktop would get scaled down when the website is viewed from a smart phone.

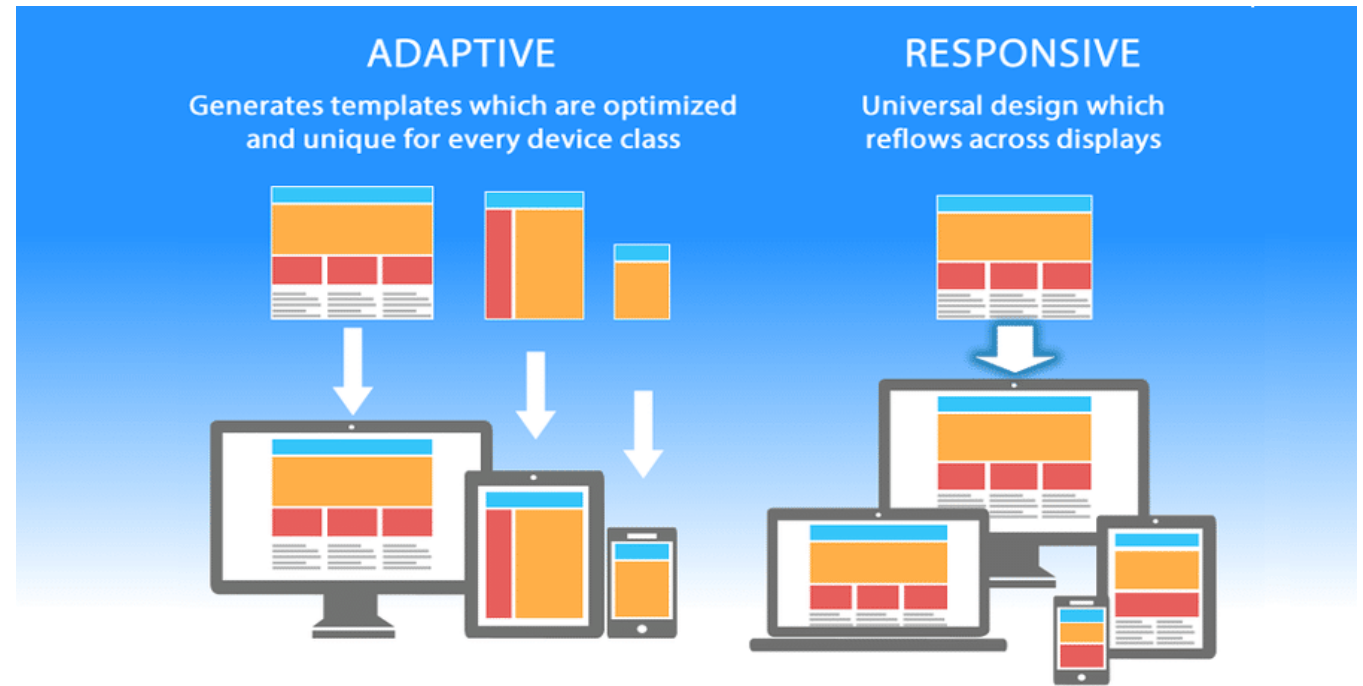
# Specification

- ❖ Smooth navigation
- ❖ Easy reading
- ❖ Minimum pinching
- ❖ Reduces scrolling and zooming
- ❖ Excellent user experience



## Need A Responsive Website

- ❖ Growing Demand for Smartphones
- ❖ Multiple Screen and mobile browsers
- ❖ Wide usage of internet
- ❖ Lower Website Maintenance Costs
- ❖ Optimize Online Shopping Experience





# The Appropriate Layout

Different Sizes for different devices:

<u>Devices</u>	<u>Size</u>
Phones	480px and below
Phones to Tablets	767px and below
Portrait Tablets	768px and above
Note Book	990px to 1024px
Monitor	1024px and above

## Important Guidelines:

- Resizing images to fit the screen resolution
- Hiding non-essential elements especially for smaller screen
- Avoid web technologies that don't work on mobile
- Make sure that website can be read in second
- Optimize your pages for vertical scrolling

# Major Components

- Layouts
- Flexible Images
- Media Queries
- Meta Tags
- Frameworks

# System Requirements

## Hardware Required:

- Processor- AMD Ryzen 5 5500U
- RAM – 8GB
- Hard Disk- 50GB
- Input Device -Keyboard, Mouse
- Output Device- Monitor Laptop

## Software Required:

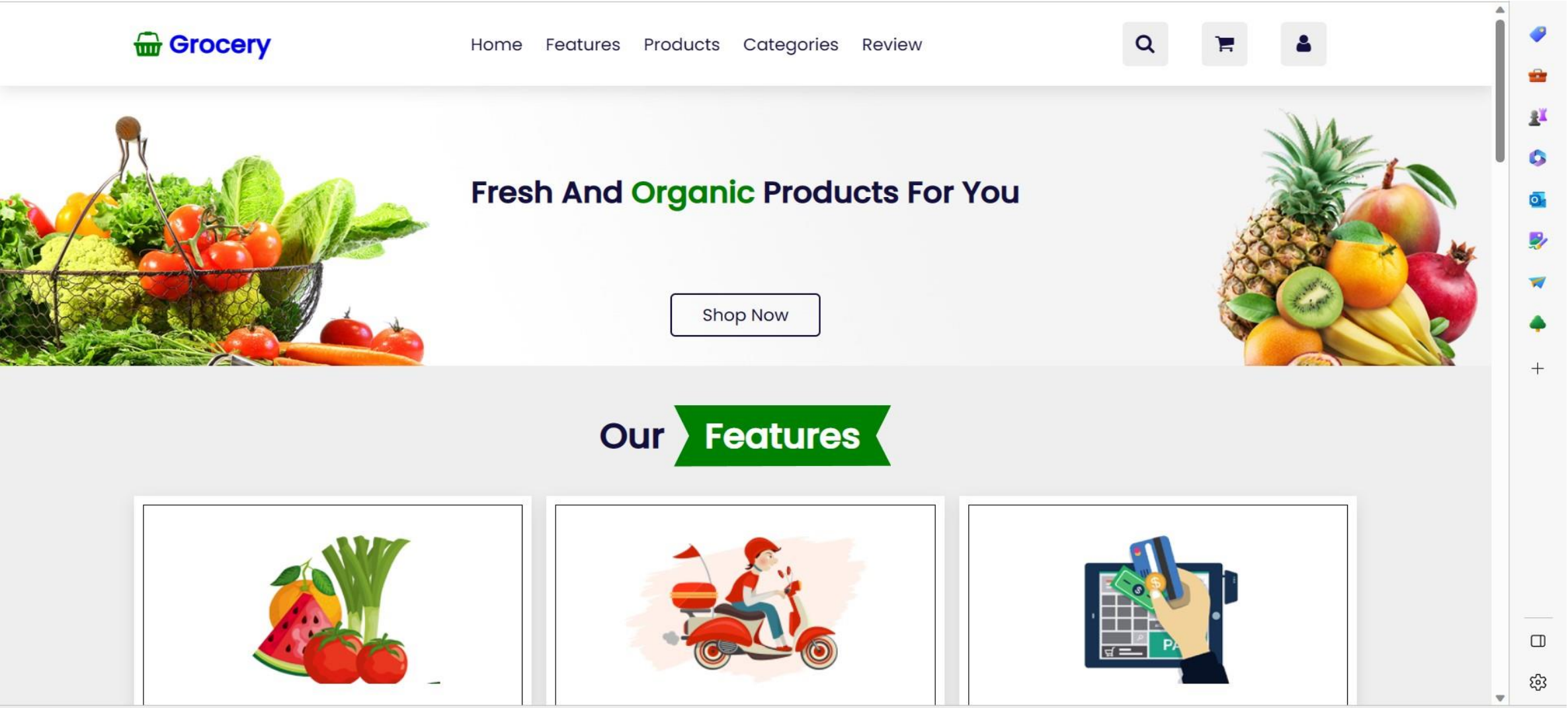
- Platform - Windows 10
- Application Tool – Microsoft Visual Studio, Sublime Text
- Html, Css, Javascript

## Advantages For User

Using smartphone, Tablets, and Notebooks for accessing internet has become a common fashion or trend. A popularity had been seen among the users for responsive sites as it serves the following advantages

- A responsive website is flexible to use
- It automatically shuffles content, realize images, and adjusts font size
- User are able to read information as per their needs and preferences
- Helps encountering fast and intelligent sites
- Saves user time while browsing the site
- Helps increasing the user experience

# Screenshots



Add To Cart

Add To Cart

Add To Cart

## Product **Categories**



### Vegetables

Upto 45% Off

Shop Now



### Fresh Fruits

Upto 45% Off

Shop Now



### Daily Products

Upto 45% Off

Shop Now



### Fresh Meat

Upto 45% Off

Shop Now

## Customer's **Review**



Lorem Ipsum Dolor Sit Amet, Consectetur  
Adipiscing Elit, Sed Do Eiusmod Tempor  
Incididunt Ut Labore Et Dolore Magna Aliqua.

**Elna**



Lorem Ipsum Dolor Sit Amet, Consectetur  
Adipiscing Elit, Sed Do Eiusmod Tempor  
Incididunt Ut Labore Et Dolore Magna Aliqua.

**John Deo**



Lorem Ipsum Dolor Sit Amet, Consectetur  
Adipiscing Elit, Sed Do Eiusmod Tempor  
Incididunt Ut Labore Et Dolore Magna Aliqua.

**Rosie**



# Conclusion

- Responsive web design is a pragmatic and economical approach to modern web design.
- Traditional design method become unmanageable when going responsive.
- Mobile first helps us refocus on user and what they really need and want.
- The pen is faster than the mouse -sketching is a quick way to iterate layout and design decisions.
- Prototyping quickly brings a design closer to its final form and helps assess interaction, functionality and responsive layout.
- Prototyping helped raise flaws, issues and unconsidered aspects early on in the project timeline.





THANK  
You! 😊