

FULL STACK PROJECT (2020-2021)

Synopsis



Team Members

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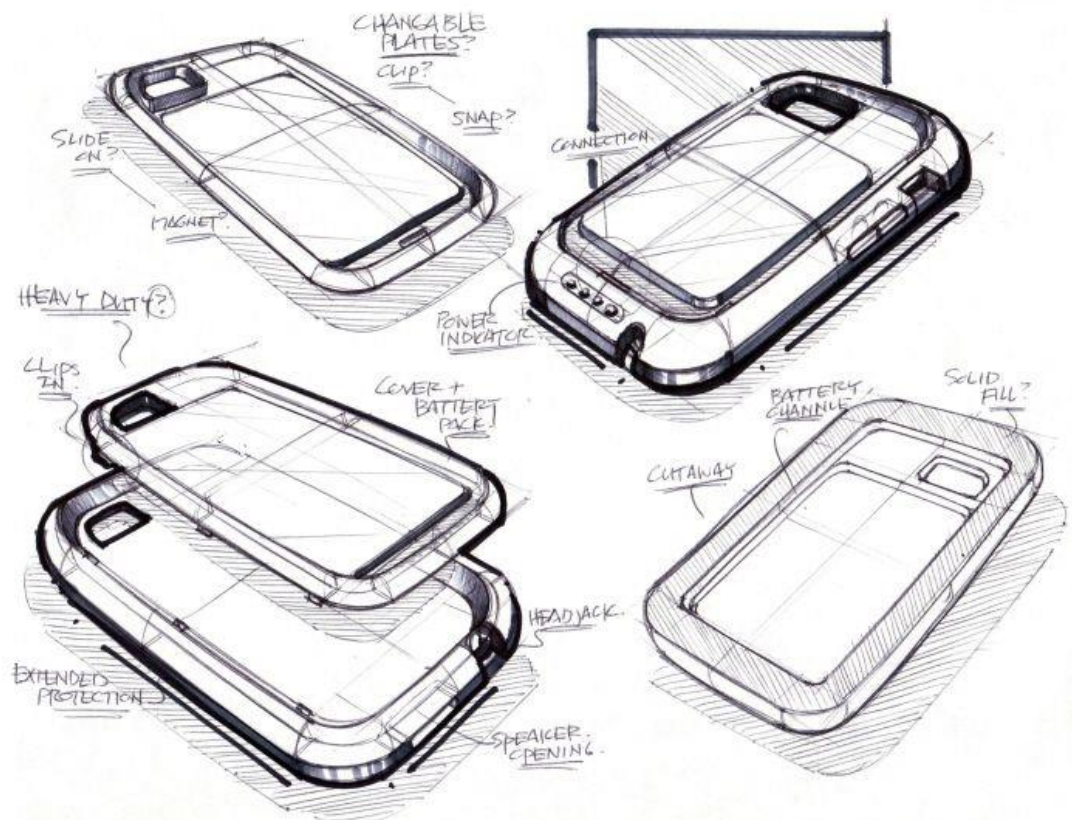
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PROJECT
TECH SPECS

Introduction to project



This website is developed so that people can get related information about many leading brand of smartphones, their specifications and price range where they can compare these products.

Objective

At today's time there is an abundance of smartphones where users get confused about which phone they want so our platform enables you to get to know about smartphones and their basic specifications where one can search for their required smartphone and look for phones in their budget range. The goal is to provide everyone with the right information so they can easily select what phone suits them and they can buy.

Working Methodology

- Website will have different sections such as Home, Mobile-brands ,Price-range ,Search bar and About us .
- On the Home page , latest smartphones and their specifications are displayed .
- Mobile-brands section shows different brands where one can select and look for a particular brand phones.
- On price-range section different price categories comes up and one can select any.
- Search bar provides the facility to search for a particular phone.
- About us displays information about website and developers.



Software Specifications

Technology Implemented : Front End Technologies

Technologies Used :

✍ **HTML5** is a markup language used for structuring and presenting content on the World Wide Web. It was the fifth and last major version of HTML that is a World Wide Web Consortium (W3C) recommendation. The current specification is known as the HTML Living Standard and is maintained by a consortium of the major browser vendors (Apple, Google, Mozilla, and Microsoft), the Web Hypertext Application Technology Working Group (WHATWG). HTML5 includes detailed processing models to encourage more interoperable implementations; it extends, improves and rationalizes the markup available for documents, and introduces markup and application programming interfaces (APIs) for complex web applications.[6] For the same reasons, HTML5 is also a candidate for cross-platform mobile applications, because it includes features designed with low-powered devices in mind.

✍ **Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language like HTML.[1] CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

✍ **Bootstrap** is a front-end framework that is developed to support creating dynamic websites and web applications. It is one of the most preferred front-end frameworks as it aids an easy and fast processing to develop a website. It supports all major browsers and fast loading responsive web pages.

Tool used :

At its heart, Visual Studio Code features a lightning fast source code editor, perfect for day-to-day use. With support for hundreds of languages, VS Code helps you be instantly productive with syntax highlighting, bracket-matching, auto-indentation, box-selection, snippets, and more. Intuitive keyboard shortcuts, easy customization and community-contributed keyboard shortcut mappings let you navigate your code with ease.

For serious coding, you'll often benefit from tools with more code understanding than just blocks of text. Visual Studio Code includes built-in support for IntelliSense code completion, rich semantic code understanding and navigation, and code refactoring.

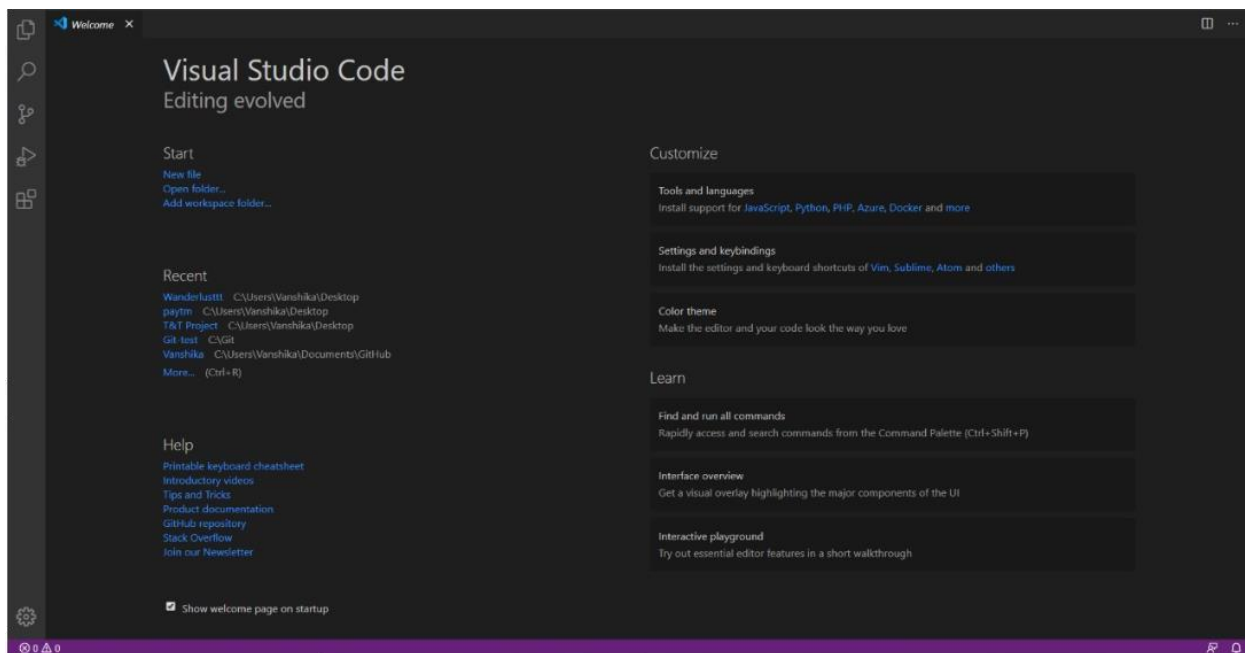


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And when the coding gets tough, the tough get debugging. Debugging is often the one feature that developers miss most in a leaner coding experience, so we made it happen. Visual Studio Code includes an interactive debugger, so you can step through source code, inspect variables, view call stacks, and execute commands in the console.



VS Code also integrates with build and scripting tools to perform common tasks making everyday workflows faster. VS Code has support for Git so you can work with source control without leaving the editor including viewing pending changes diffs.

Hardware Requirements :

- Processor : intel i3
- Operating System : Windows 7/8/10
- RAM : 4+ GB
- Hard disk : No requirement
- Hardware Devices : Computer System, Mobile

Team Contribution :

- There are some sections which are equally divided equally among team members
- The main page and the navigation bar will be handled by Aryan.
- The brand page and price range section will be handled by Divyam.
- The containers, different modules and about us page will be handled by Abhyuday.

Limitations of The System Proposed :

- The user will be redirected to websites like Flipkart, Amazon, etc. if he wants to buy the item.
- Internet connection is required while accessing the website.
- Easy searching algorithm is used in searching the smartphones so, if data will increase system may slow down.

Online GIT repository:

<https://aryanjais.github.io/TECHSPECS/>

<https://abhyudaychaturvedi.github.io/TECHSPECS/>

<https://divyam1412.github.io/TECHSPECS/>

References :

www.beta-labs.in

www.youtube.com

www.gadgets.ndtv.com

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www.w3schools.com

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