**PROJECT INTIALIZATION DOCUMENT**

**1. DETAILS**

**Team Details:** Team consists of only one people. Shubham Saptasagare pursuing degree in Electronics and Telecommunications.

## Project Name: [Personal Portfolio Website](https://internship.viehgroup.com/courses/personal-portfolio-website/)

**2. DEFINING PROJECT AND ITS SCOPE**

**Understanding of the project:** A portfolio website is a **unique way to showcase our work** and let others know about yourself. It’s like an evergreen platform for our projects, case studies, and information about you. In addition, it’s one of the best ways to express our personality, experience, and capabilities. Having our own website means customers are always able to find you and if interested, reach out for you. If we don’t have an online presence nowadays, we are behind the times. A portfolio is a great way for photographers, designers, developers and a wide range of artists to present their work online. It reflects our identity through our works – photos, graphic design, sketches, etc. It is our bread and butter if we are a freelancer in whatever sphere. A portfolio website is an efficient and simple tool to collect all the best works you made as a professional and put it in one place to show everyone. Creating your own site may become like building your own workshop as an artisan.

**Reason for choosing this project:** In a nutshell, you need a portfolio website to showcase your work. Whether you’re an individual, a small team of two or a company of ten people, it’s crucial that you have a unique online approach. A website portfolio will help you stand out from the crowd, show your uniqueness, build trust, and make sure that others can actually find you. There are certain areas where a website portfolio is more important than others. If you find yourself in one of the following, it’s safe to assume that you need a portfolio like a book needs words:

* [Web design](https://kinsta.com/blog/web-design-best-practices/)
* Web development
* Graphic design
* Marketing
* Art design

But it doesn’t stop just there, the same goes with interior designers, artists, models, writers, etc. The main idea is that you are a creator and you need to showcase your work. Portfolio website lets you do that in high quality. What happens when someone needs a logo for a new product, service, or company? Most will start a search through simple Google (or they might get suggestions from friends or business partners). So firstly, you want to be searchable. To demonstrate it from your client’s perspective, here is a little experiment. Taking into account the majority approach, I used Google. I start simply by typing “logo designer portfolio” in the search bar and hope to find a real person who could create my logo. And there it is, a bunch of potential logo designers there for the taking. I browse through their websites, and they all seem to be pretty good. Now, to make a choice, it is just a question of preferences, taste and the budget. I can choose an individual or an agency. I can learn about each one’s service, see their portfolios, read about them, and study their project flow. Basically, their websites give me the feeling of who they are, what they do, and what to expect if I decided to work with them.

**Most challenging aspect of the project statement:** My project statement is to make the own portfolio website. Making the hover effect to our website is one challenging task. CSS file making also not an easy task. Make the website responsive is difficult task. Responsive website is nothing but how it behaves on our computer and mobile phone. We have to make separate css file for the responsive website. Once we know what our site’s goal is, inside and out, we can define how you’ll get people to help you fulfil that goal. While you can custom-build your site to suit your exact layout preference, most of today’s website builders, particularly those made for photographers, have gorgeous, customizable stock templates to simplify the process. Still, the options can feel overwhelming: Do you want full-screen photos or thumbnails? Horizontal or vertical scrolling? What about borders and backgrounds? While some generic website builders don’t have templates designed specifically for photographers, 500px portfolios have three beautifully crafted photography-centric layouts: Moodie, Newton, and Adams. Moodie has a grid-style layout, so it’s perfect for photographers who instantly want to give visitors a feel for the range of their work.

**3. APPROACH OF PROBLEM CHOSEN**

**Approach:** Below is the approach that I am going to follow for making the portfolio website.

Step 1: Determine a Goal for Online Portfolio **-** Everyone has a different vision and goal for their online portfolio. Some freelancers are generalists and want to remain open to a diverse range of clients, and others specialize in a niche and want to target potential clients in that field, like a graphic designer who specializes in the financial sector. Others may have multiple areas of expertise they want to showcase (graphic design and illustration, for example). Start with the primary function you want your portfolio to serve. A portfolio with a clear intention and vision will stand out, as opposed to one that’s scattered and hard to navigate. Generally, there are two ways you can structure your portfolio. You can either design it as a brief introduction to your work or as a marketing tool for your business. One-Page Portfolio vs. a Full Portfolio Many freelancers use their portfolio as an introductory page to their work. Their website is not how clients find them initially, but a way for them to learn more once they are already introduced through LinkedIn or a professional contact, for example. On the other hand, your goal might be for people to find your services through Google when they are searching for a professional in your industry. If that’s the case, you’ll need to develop a strong SEO plan and prioritize content. This tends to be less common in creative fields.

Step 2: Choose Between Manual Coding or a Website Builder- Once you decide what type of online portfolio you want to build, your next step is to choose whether you should build that website yourself or use a website builder. If you’re not a coder, the best choice will be to use a website builder like WordPress, Squarespace. These companies offer templates and make it easy to showcase your work online in a straightforward way. If you build a one-page website, it will be easy to do using these templates. Step 3: Highlight Your Best Work You don’t need to include all of your work in your portfolio, but select the work that you’re proud of and illustrate a range of experience. Focus on the type of work you want to be doing more of in the future. For example, if you’ve been a writer and an illustrator in the past, but are currently focused exclusively on illustration, consider leaving your writing portfolio off your website. The more focused you are, the easier it will be for clients to understand where your strengths lie and how you can help them.

Step 3: Create a Compelling About Section You’re about section is a chance to tell future clients who you are and what you do. It complements your portfolio and gives readers a bit more background information about you. A good place to start is to be clear about what people are hiring you to do. Then, come up with a couple of examples of that and work them into your statement.

Step 4: Make Your Portfolio User-Friendly Even the best portfolio will get overlooked if it’s presented in endless blocks of text in a tiny typeface. Once you have the basics organized about the projects you want to share, what you will say on your about page and how you will arrange your portfolio, it’s a good time to think about design and layout.

**Diagram/Flowchart (if possible):**

Gather data

Make the rough diagram of the website

Create Prototype on Figma software or on to the proto.io software

Selection of coding languages

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Write code in HTML & simultaneously in CSS also.

Make the Website Responsive

Write the JavaScript code to make the website real.

**Platform/Coding Language/Frameworks (if using):** For the prototype, I will use the Figma software. For the writing code VS code software is used. For displaying images, contents of the project, here I uses HTML language, for styling the given webpage, CSS language is used. Some google website also referred for the giving sign to the content. Google form is created for the submission of the information. This information will be stored in Google sheets.

**Database/Cloud/Hosting (if using):** Google form will be made for the submission of others query. This google form is connected with google sheets so that all information will be stored. Cloud will be not needed for this project. If anyone uses the cloud then it is not an issue. I should say public cloud should be used for this purpose.

**External tools (if using):** Microsoft Edge website is used for the hosting a website. When code is written on the VS code the output will be displayed on Microsoft edge website. Notepad++ is also used to write the code in HTML and CSS. Google Sheets will display the submission of the required information.

**4. TEAMS ABILITY TO IMPLEMENT WINNING SOLUTION**

**Background of team members/individual:** Only one member is there for this project. My self-Shubham Saptasagare. I am pursuing BTech Degree at MIT college Pune. I want to become web developer after the graduation. My aim is to design innovative new websites which was liked by everyone.

**Major Expertise of team members/individual:** I have a deep knowledge in C language. Data structures and algorithm also known to me. Python language also covered in my college. I completed Web Development Course on the Internshala Platform. I have also some basic knowledge in machine learning domain. Iot is my Open elective course in the college and it is total three semester course. I also completed Data science course on Infosys Springboard platform.

**Roles and responsibilities of team members/individual:** Here for this project, only one member is available. So, all work can be done by me only. My role is here to develop my own portfolio website by using frontend languages like HTML, CSS, JavaScript. I will be collecting all information. On the figma website, basic website will be developing for the smooth representation. According to this, I will build my code on the any software like VS code, notepad++, etc.

**Previous projects undertaken:** I have done various Iot based project in my 2nd year of college. Control LED with blynk app, Control water pump with help of Mit app inventor mobile application. My minor project is Flood alert and monitoring system which is based on IoT. Here, our group developed one mobile application and prototype that will show the measure water level in river. This level is shown to the mobile application, once the cut off level of water is reached then alert is sends via mobile app to the all peoples who are living along the river side areas.

Currently I am in 3rd year, my major project topic is Lora based smart irrigation system. This project also iot based. Our aim is to control water pump from 5 to 10 km without any internet and it is possible due to Lora module. We are developing mobile app which shows all sensor information and control the water pump. In this project, I am developing website for the project.

**Team/Individual strengths:** My strengths are hardworking, focused, creativity, taking initiative, problem solver etc. I am good in frontend coding. I like to learn new things eagerly. I am very good in mathematics.

**Team/Individual achievements:** My group is participated in small events in college levels. I showcased minor project to the other college student during the Intercollege events.

**Personal motivation:** I like the coding very well, so I am good in coding. I completed various courses on different platforms. So, by using this all knowledge, I decide to build this website.