

# Requirements Gathering for the Portfolio Website Project

## **1/ Stakeholder Analysis:** (identifying key stakeholders & their needs)

### **Potential stakeholders:**

- **Website users** (external stakeholders)
- **Website visitors** (external stakeholders)
- **Project team members (developers, UI/UX designers** (internal stakeholders)
- **Partners / affiliates** (external stakeholders)
- **Investors** (external stakeholders)

### **Stakeholders' needs & interests:** (using Power-Interest Matrix)

- **Project team members:** high power, high interest (close management)
- **Website users:** low power, high interest (keeping them informed)
- **Website visitors:** low power, low to medium interest (adequate satisfaction – just what they need to know)
- **Partners / affiliates:** low power, high interest (keeping them informed)
- **Investors:** high power, high interest (close management)

## **2/ Users Stories & Use Cases:** (scenarios illustrating how users interact with the system)

### **Users stories:**

- **User Story #1:** As a user, I'd like to reset the password to my account in case I forget it.
- **User Story #2:** As a user, I'd expect a simple yet efficient homepage to tell me more about the website and direct me to what I'm looking for.

- **User Story #3:** As a user with no prior experience to making portfolios, I'd expect a website that's simple to use and enables people with zero experience in making portfolios to make their own without any hardships.
- **User Story #4:** As a user who cares about presenting their work in a certain way, I'd expect to find at least a suitable portfolio template to aid me in presenting my work to my liking.
- **User Story #5:** As a user, I'd expect the website to be visually appealing and has easy navigation.
- **User Story #6:** As a user, I'd expect this website provides me with templates that are eye-catching and visually appealing for me to use for my clients.
- **User Story #7:** As a user of the portfolio templates, I'd expect to add and remove (customize) sections of the template however I please.
- **User Story #8:** As a user, I'd expect this website to easily save my work and download it in a PDF format.

#### **Use cases for the website:**

- Providing simple and easy-to-make portfolio templates
- Guiding users with no prior experience in creating portfolios
- Providing visually appealing portfolio templates

### **3/ Functional Requirements:** (list of features & functionalities)

#### **User authentication & authorization:**

- Sign-up / login feature for the website
- Password recovery feature
- 2FA feature

#### **UI, navigation & pages:**

- Responsive design (suitable for use on desktops, mobiles, tablets, etc.)

- **Cross-browser compatibility** which enables the site to work in various browsers
- **Home page** containing what the website is offering
- **About page** that's informative to users
- **Contact page** listing contact forms
- **Hyperlinks** for easy navigation

### **Portfolio templates:**

**Each portfolio template should include the following sections:**

- **Name**
- **Job title**
- **Photo**
- **About me / brief summary**
- **Experience**
- **Skills (technical and soft)**
- **Tools**
- **Achievements**
- **Projects (with hyperlinks if possible)**
- **Testimonials**
- **Link to code repository (ex.: GitHub)**
- **Social media links**

### **4/ Non-Functional Requirements:** (Performance, security, usability, reliability criteria)

#### **Performance:**

- **Page load speed.** (should not exceed 3 seconds)
- **Images and assets optimization.**
- **Efficient response time.**
- **Handling of multiple users at once without performance degradation.**

#### **Security:**

- **The website must use HTTPS for smooth and secure data transmission.**
- **Access control. (only authorized users can access what they can access)**

**Usability:**

- **User-friendly interface, allowing for the easiest navigation possible for users.**
- **Design should be adaptive for all screen sizes and devices.**
- **Cross-browser compatibility, making the website usable on various browsers.**
- **API compatibility.**

