

Part 1 (max. 6 p). Design

(a) Overview (max. 3 p)

Give a short overview as text describing your topic and the idea behind the static and the dynamic parts.

A short overview

A portfolio website serves as a digital showcase of my skills, achievements, projects, and experiences. This online portfolio typically includes sections such as an introduction or bio, educational background, professional experience, a portfolio showcasing projects or works, skills and expertise breakdown, awards or honors received, and contact information. The goal of a portfolio website is to impress and inform visitors, potential clients, or employers about the individual's talents, accomplishments, and suitability for specific roles or projects.

1. **Static Parts:** These elements remain unchanged unless manually edited. In the provided code, static components include:
 - **HTML Structure:** The overall layout, sections, and content are fixed in the HTML file.
 - **Text Content:** Information about education, skills, projects, honors & awards, languages, and contact details are hardcoded into the HTML.
 - **Images:** Static images used throughout the website remain constant and are referenced directly in the HTML file.
 - **Links and Navigation:** Links to social media profiles, GitHub repositories, and other external sources are also part of the static content.
2. **Dynamic Parts:** These elements can change or be generated dynamically, often through programming languages like JavaScript or backend frameworks. In the provided code, potential dynamic components might involve:
 - **Interactive Features:** Interactive elements like buttons, forms, or modals that respond to user input.
 - **Fetching Data:** Utilizing JavaScript or a backend language to fetch and display real-time information, such as recent projects, from a database.
 - **Animations:** Dynamic animations or effects triggered by user actions or page loading.

(b) Structure (max. 3 p)

Explain the structure and navigation of your portfolio. You can use a wireframe or other visualization (applying a tool such as [Draw.io \(formerly Diagrams.net\)](https://draw.io) or drawing by hand and scanning or taking a picture) or text. Also, explain the file and directory structure used.

- **Sections:**
- **Home/Introduction Section:**
 - Brief introduction, profile picture, and an overview of skills or specialties.
 - Navigation links to other sections.
- **Education:**
 - Details about academic background, degrees, schools attended, and relevant courses.
 - Information about skills acquired during education.
- **Projects:**
 - Showcase of personal projects or works.

- Thumbnail images, project titles, descriptions, and links to project pages or GitHub repositories.
- Skills:
 - Detailed breakdown of technical skills, programming languages, frameworks, and tools.
 - Possibly categorized into different sections like programming languages, front-end, back-end, etc.
- Experience:
 - Previous work experience, internships, or relevant projects worked on.
 - Descriptions of roles, responsibilities, and achievements.
- Awards and Honors:
 - Listing of awards, accolades, scholarships, or recognitions received.
- Contact:
 - Contact information, such as email, phone number, and social media links.
 - Contact form or direct contact details.
- Navigation:
- The navigation bar/menu at the top allows users to jump to different sections of the website.
- Possibly a fixed or sticky navigation menu for easy access while scrolling.
- Smooth scrolling functionality for navigation links to smoothly transition between sections on the same page.

File and Directory Structure:

- Directory Structure:
- index.html: Main HTML file representing the homepage.
- education.html: First HTML file representing the education
- about.html: Second HTML file representing the about
- others.html: Third HTML file representing the others
- main.css: Stylesheet for the entire website.
- main.js: JavaScript file for dynamic functionalities.
- img: Directory containing images used throughout the website (profile picture, project thumbnails, etc.).

```

root_directory/
├── index.html
├── main.css
├── main.js
├── img/
│   ├── firstpic.jpg
│   └── ...
└── /
    ├── about.html
    ├── education.html
    └── others.html
  
```

(a) Description (max. 3 p)

Describe here in more detail the dynamic parts you have mentioned in your part 1.

This means that you should give an overview of the JavaScript used (such as functions and their use) as well as explain the events that the dynamic functionality is based on. Remember to meet the requirements stated in section [Portfolio](#).

- menu: Selects the navigation links container.
- menuButton: Selects the element that acts as a menu toggle button.
- overlay: Selects an element (likely a transparent overlay) used to close the menu when clicked on mobile devices.
- Attaches a click event listener to the menuButton.
- When the menuButton is clicked, it toggles the class navbar__open on the menu element, enabling the display of the navigation links or hiding them if already displayed.
- Additionally, it toggles the class open on the menuButton element, likely changing its appearance to indicate the menu's state.
- It also toggles the class show on the overlay element, presumably to cover the page behind the menu on mobile devices when the menu is open.
- Attaches a click event listener to the overlay element.
- When the overlay is clicked (presumably to close the menu on mobile devices), it performs the same actions as when the menuButton is clicked. It toggles the classes navbar__open, open, and show to reverse the menu's display and appearance changes made by the menuButton click event.