Developer 's Manual
Mylonas Family Groves Website

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Distribution   :   Mylonas Family Groves Website v3

1. Introduction

1.1. Document Identification

This document describes the design of the development of Mylonas Family Groves Website and is prepared by George Mylonas, student at S.A.E Athens.

1.2. Project Overview

This project was created as an assignment during the studies at S.A.E. Athens and refers to the creation of a corporate business' website using HTML,CSS and Vanilla Javascript.

1.3. Document Overview

This document is a clear guide about the designing and the development of the website including the software, tools, techniques that were used.

1.4. Reference Documents

The present document is prepared on the basis of the following reference documents and links, and should be read in conjunction with them.

— information.pdf
— https://mylonasgroves.com/
— https://github.com/geomil1990/Mylonas-Family-Groves-Website

2. Software Design

The software requirements and overview have been dealt with elsewhere in this document. The present section addresses the design and implementation of the software that forms Mylonas Family Groves Website.

2.1. Software Design & Development Process

The tools that were used in the project are:

- Visual Studio Code for HTML,CSS and Javascript
- Figma for creating the wireframes
- Miro that was used for the Sitemap of the Website

2.2. Software Quality Assurance

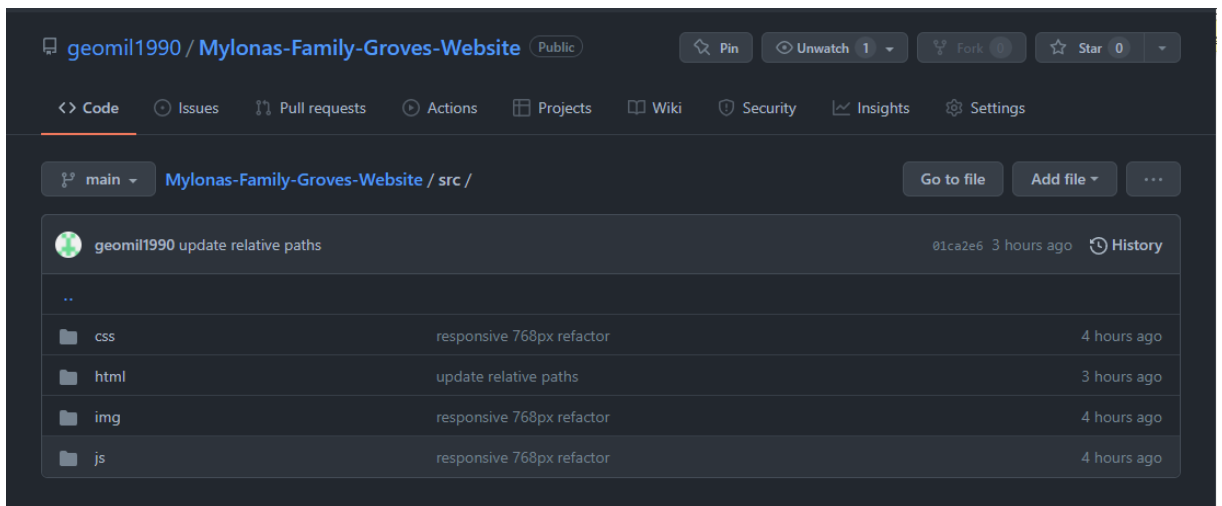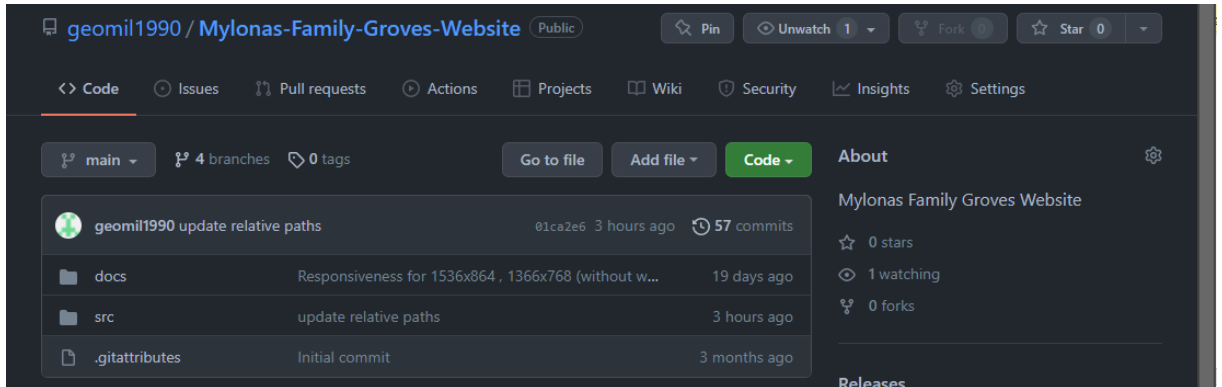The code of the project was checked using W3C Validator.

2.3. Software Design Description
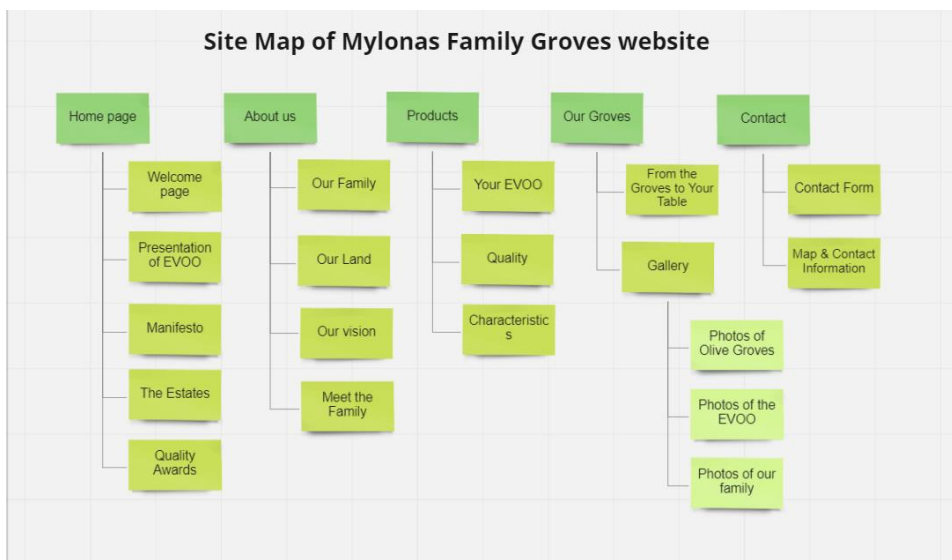
Architecture

The project consists of two folders, docs for documents and src that includes the source code. In the first folder exists the information.pdf that describes the general idea of the website. In the second folder are included css, html, img and js subfolders.

HTML

To begin with, five html files were created one for each page of the website in order to construct the main layout. In addition to this, in the subfolder css, a style.css file was created that contains all the CSS code for all of the pages and in the js subfolder, were created the javascript files for functionality of the website.
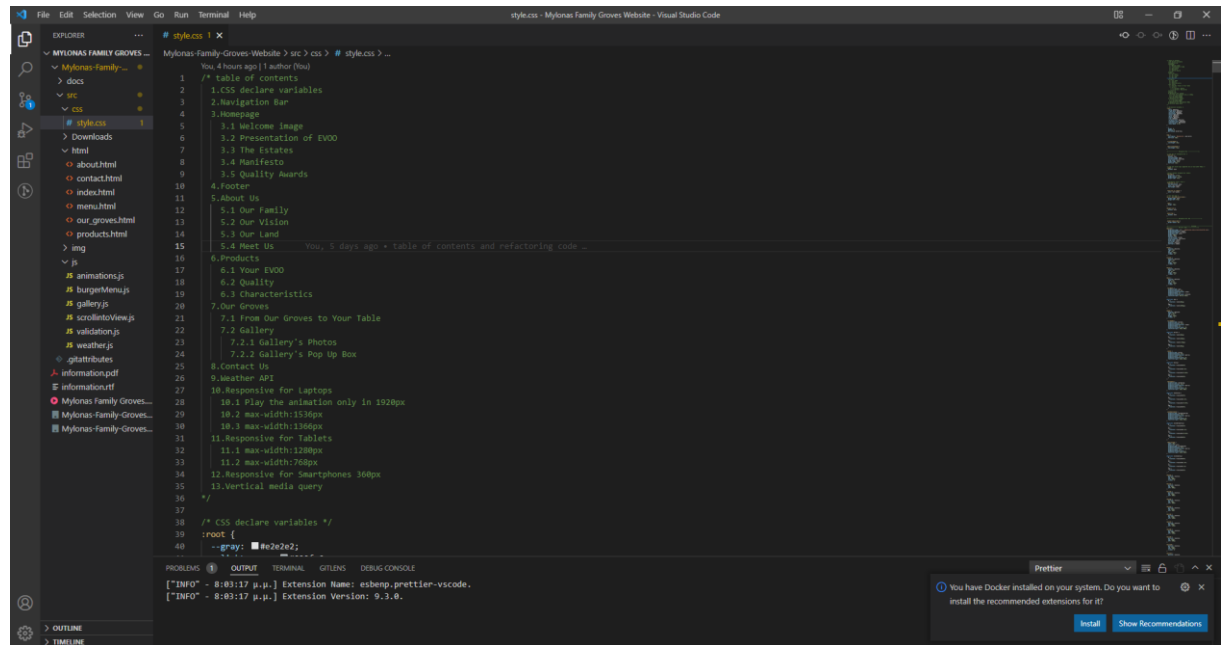

Regarding the html folder, index.html ,about.html, products.html our_groves.html and contact.html files contain the main layout of the project that is shown below.

In these files there was an extensive use of flex and grid layout for creating all the elements in order to have well structured code as well as for responsive design.
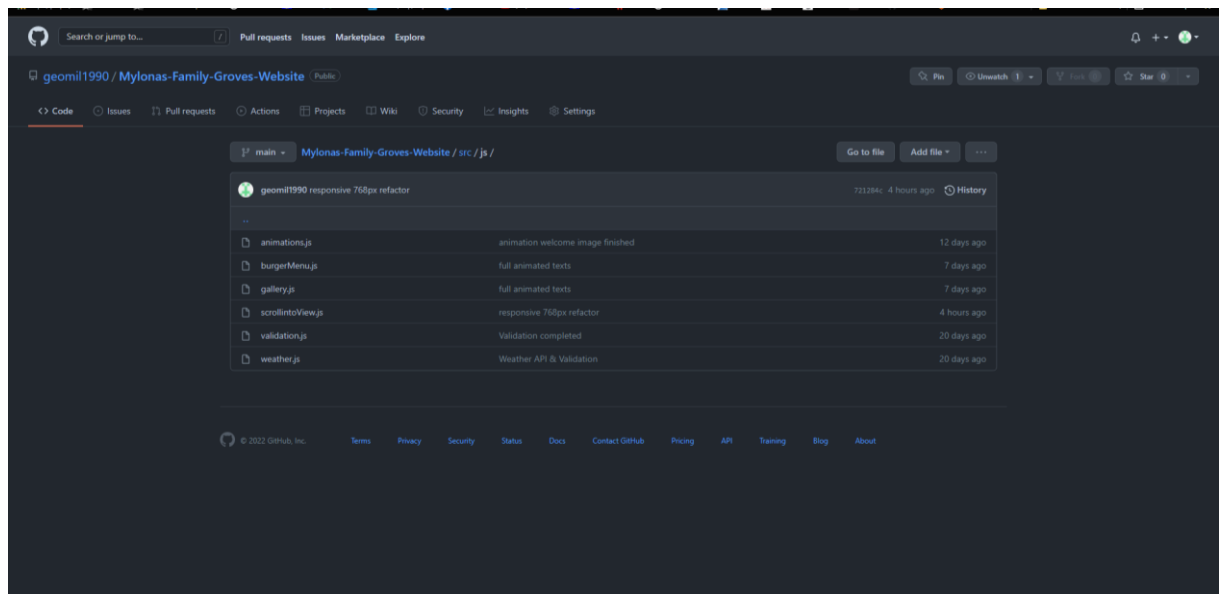
CSS

The file style.css contains all the CSS code that is used for the website. First of all, as it is shown below there is a table of content that refers to structure of the CSS code.

Javascript

The javascript file that have been used are :

- Animation.js that contains an animation using gsap

- Gallery.js is used fo the functionality of the Gallery

- scrollintoView.js was created for adding some animation classes to specific elements while scrolling

- validation.js that contains some checks for the contact form

- weather.js that was used for fetching weather data from `weather.visualcrossing.com`

3.   Hosting

The website was hosted at Cpanel using S.A.E Athens' webserver and all files are located at public html folder