

Product Specification

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1 Introduction

1.1 Purpose

A Product Specification is a complete description of the behavior of the product to be developed. It includes a set of user stories that describe all the interactions the users will have with the software. In addition to user stories, this document also contains nonfunctional (or supplementary) requirements.

1.2 Scope

Scope is a do WordPress WWW-site for Henri Memonen at Memonen & Holding Consulting Oy with BootstrapMade ready made templates. It is mostly a Resume and Portfolio site with a Blog.

1.3 References

MyResume: <https://bootstrapmade.com/free-html-bootstrap-template-my-resume/>

Folio: <https://bootstrapmade.com/folio-bootstrap-portfolio-template/>

Download WordPress: <https://wordpress.org/download/>

WordPress APIs: https://codex.wordpress.org/WordPress_APIs

jQuery API: <https://api.jquery.com/>

2 Overall Description

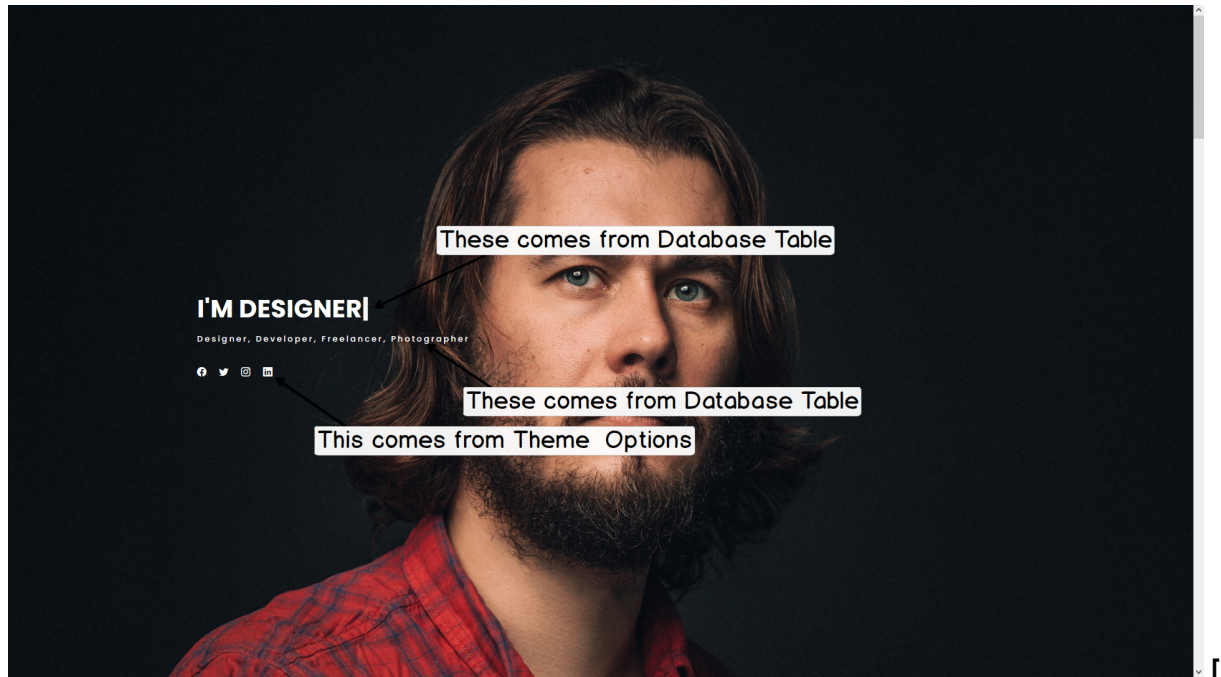
This is a WordPress Web-site Project for Henri Memonen and his company named Memonen & Holding Consulting Oy. Site come to be only in English and Finnish version is not needed currently. Site comes to made with the BootstrapMade Web-site Templates and need a it's own Plug-in to maintenance the content of front-page. Also some site variables must be editable on Theme Options of WordPress Theme.

3 Product Backlog

The product backlog is a high-level list that is maintained throughout the entire project. It aggregates backlog items: broad descriptions of all potential features, prioritized as an absolute ordering by business value. It is therefore the “What” that will be built, sorted by importance. It is open and editable by anyone and contains rough estimates of both business value and development effort. Those estimates help the Product Owner to gauge the timeline and, to a limited extent prioritize. For example, if the “add spellcheck” and “add table support” features have the same business value, the one with the smallest development effort will probably have higher priority, because the [Return on investment](#) is higher.

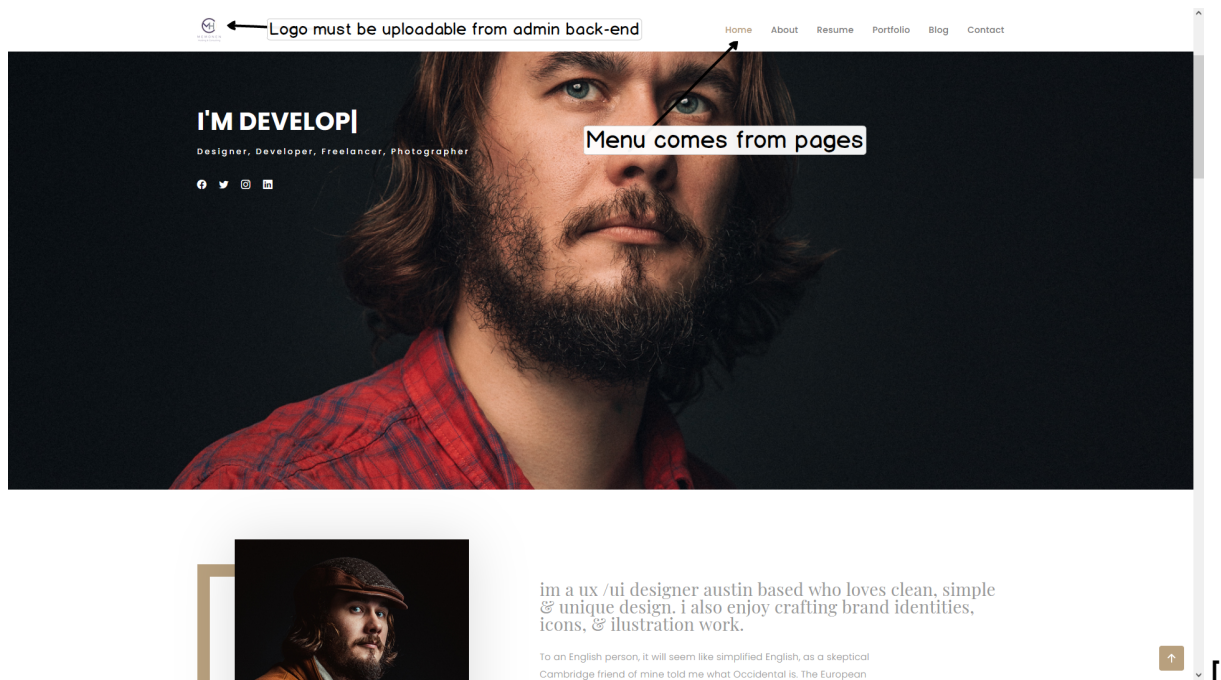
The Product Backlog, and business value of each listed item is the property of the product owner. The associated development effort is however set by the Team.

HENR-395 - Home Section



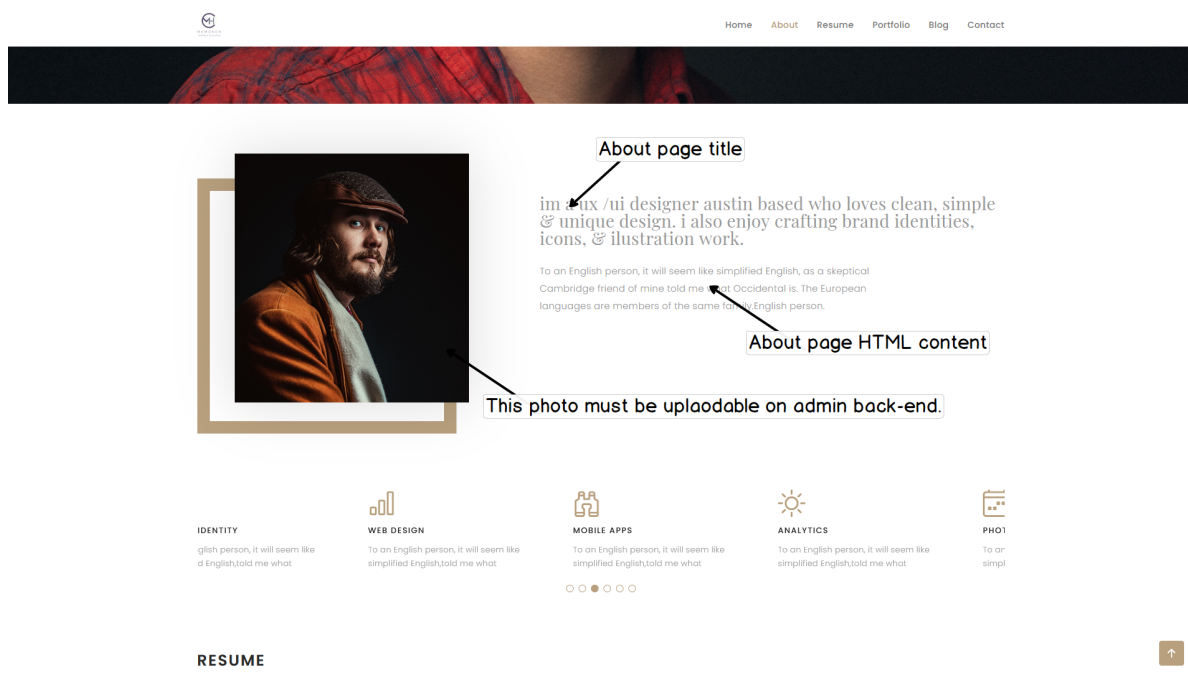
🚩 Must Have, ✅ Done, [Target Version]]

HENR-396 - Menu



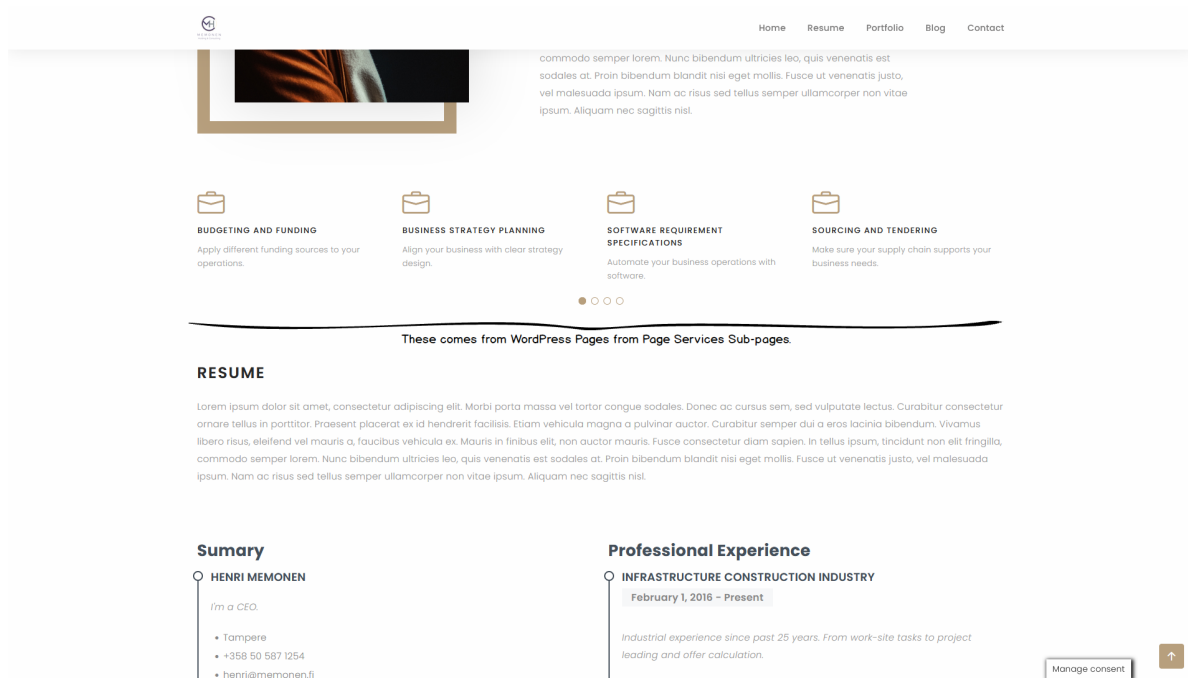
🚩 Must Have, ✅ Done, [Target Version]]

HENR-397 - About Section



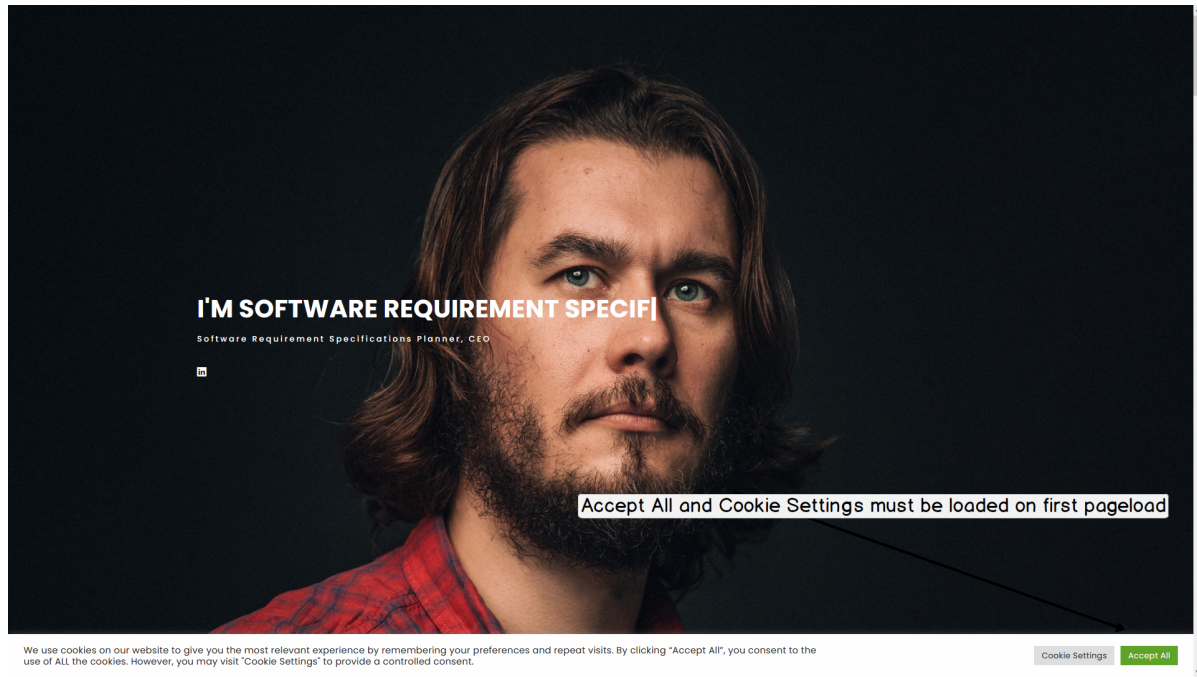
❗ Must Have, ✅ Done, [Target Version]

HENR-400 - Services Section



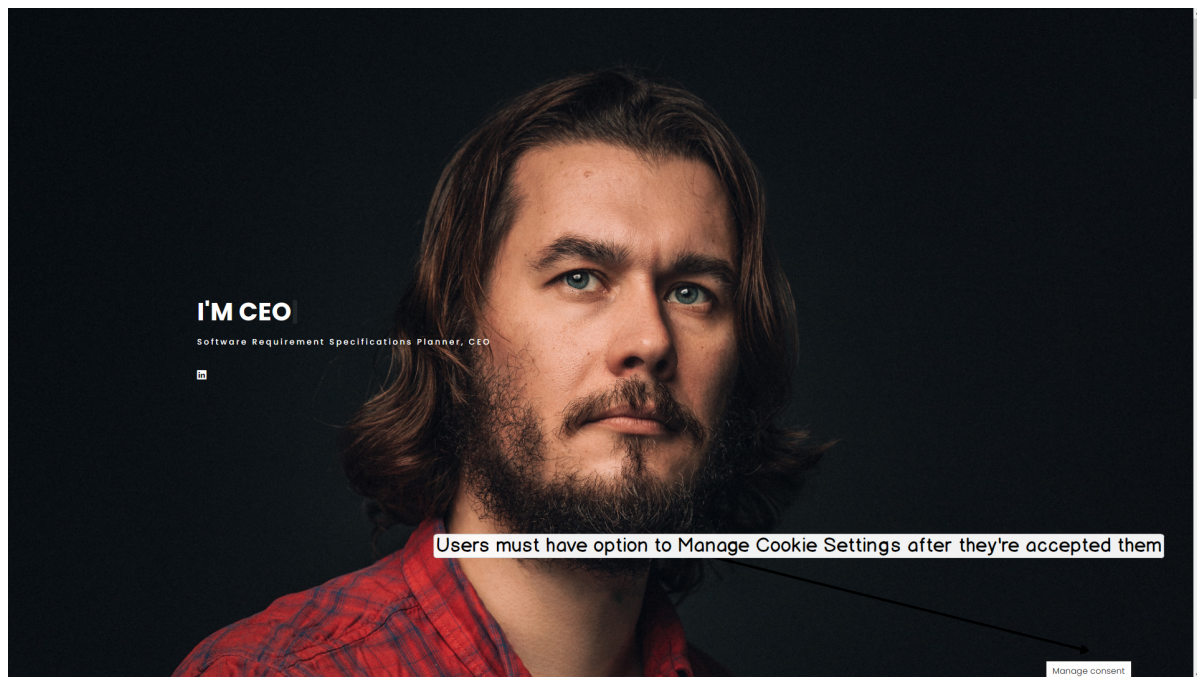
❗ Must Have, ✅ Done, [Target Version]

HENR-415 - Accept Cookies and Manage Cookie Settings



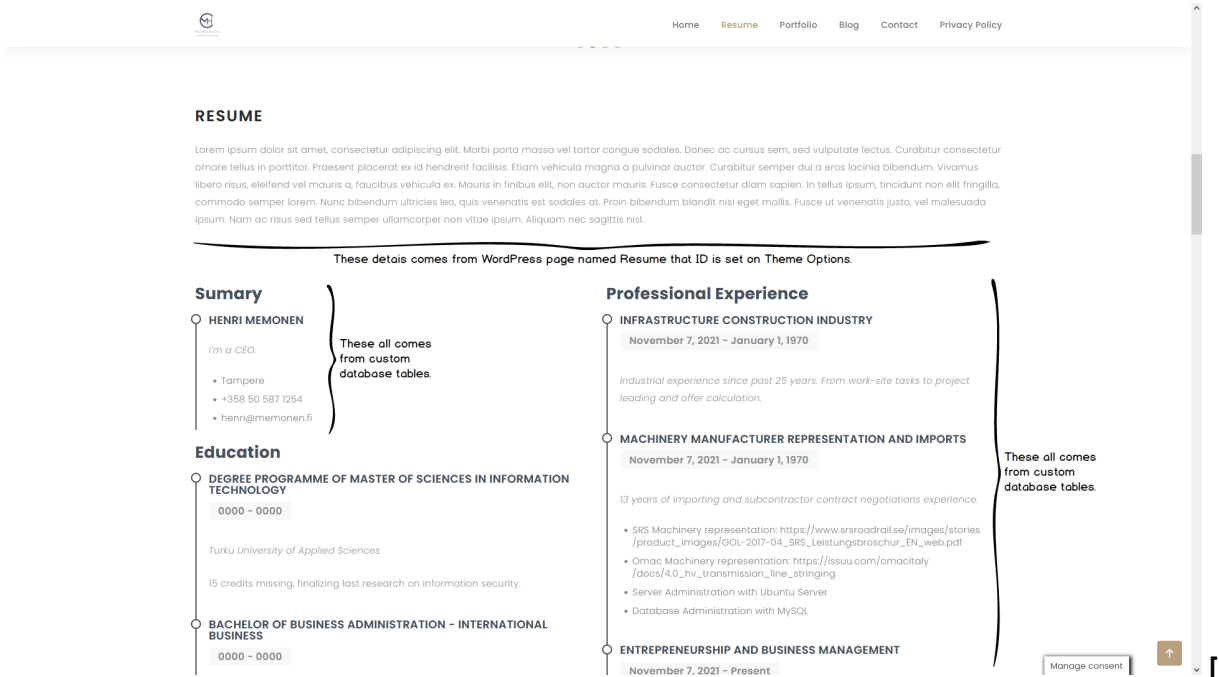
❗ Must Have, ✅ Done, [Target Version]

HENR-416 - Manage Cookies after user is accepted them



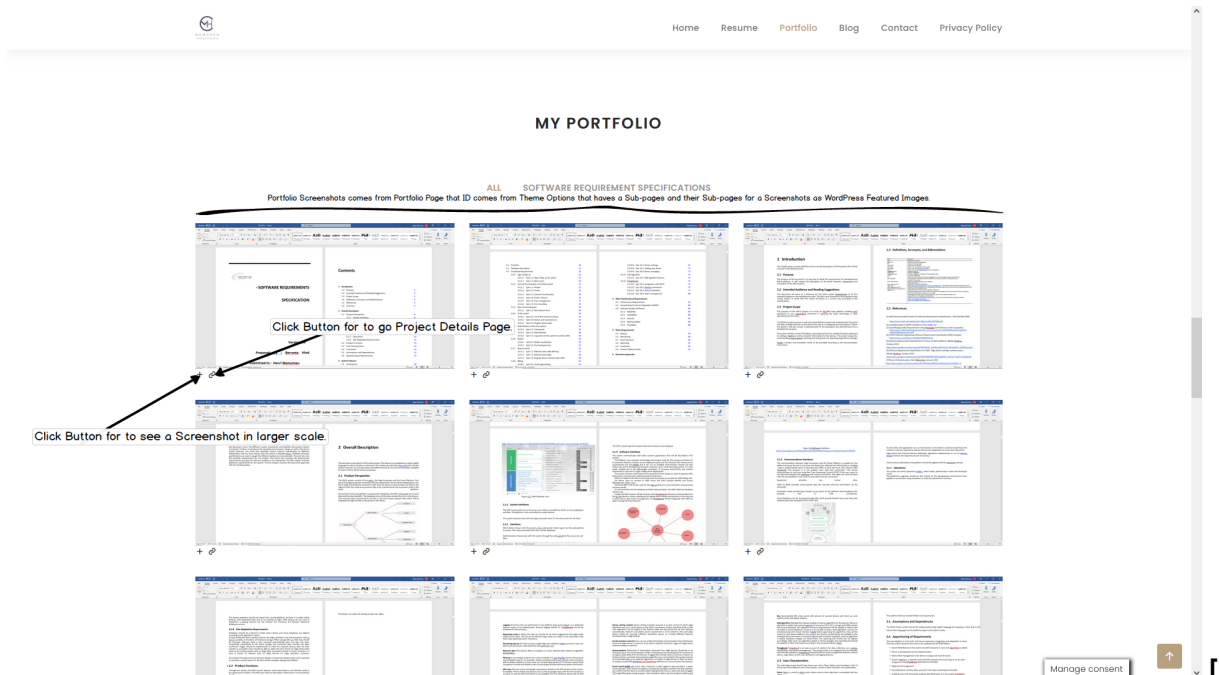
❗ Must Have, ✅ Done, [Target Version]

HENR-417 - Resume Section



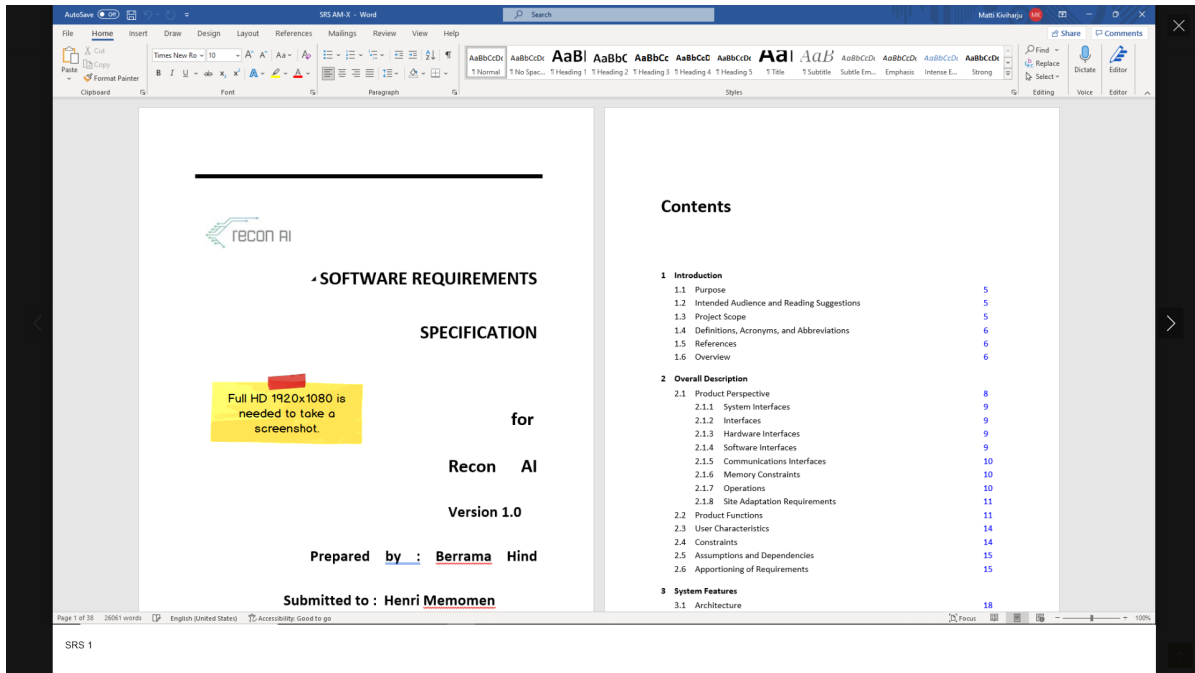
❌ Must Have, ✅ Done, [Target Version]

HENR-418 - Portfolio Section



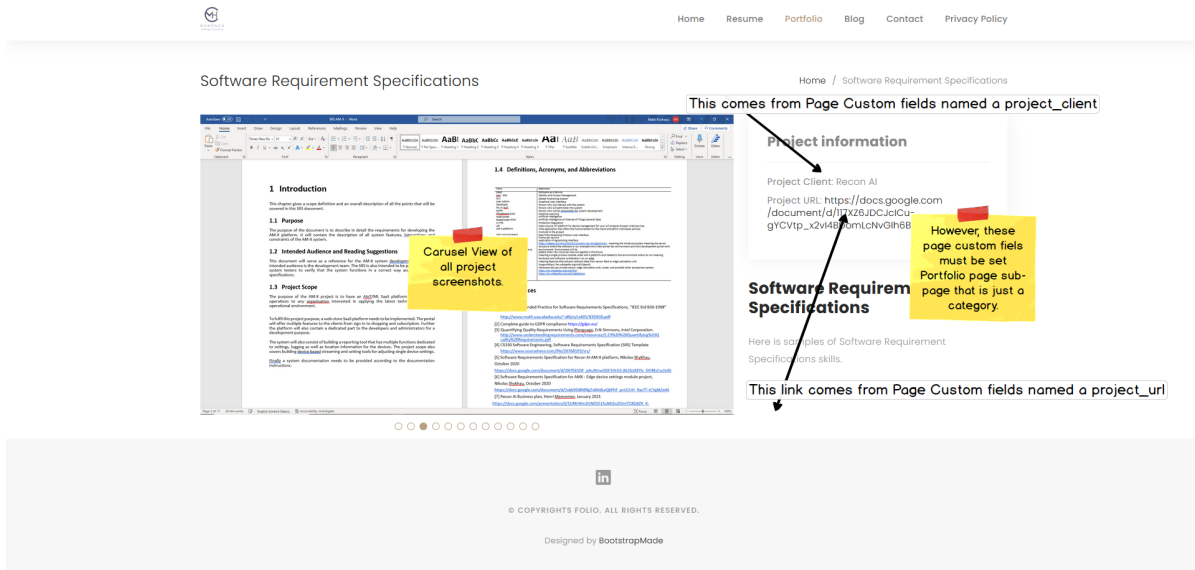
❌ Must Have, ✅ Done, [Target Version]

HENR-419 - Screenshot in Larger Scale



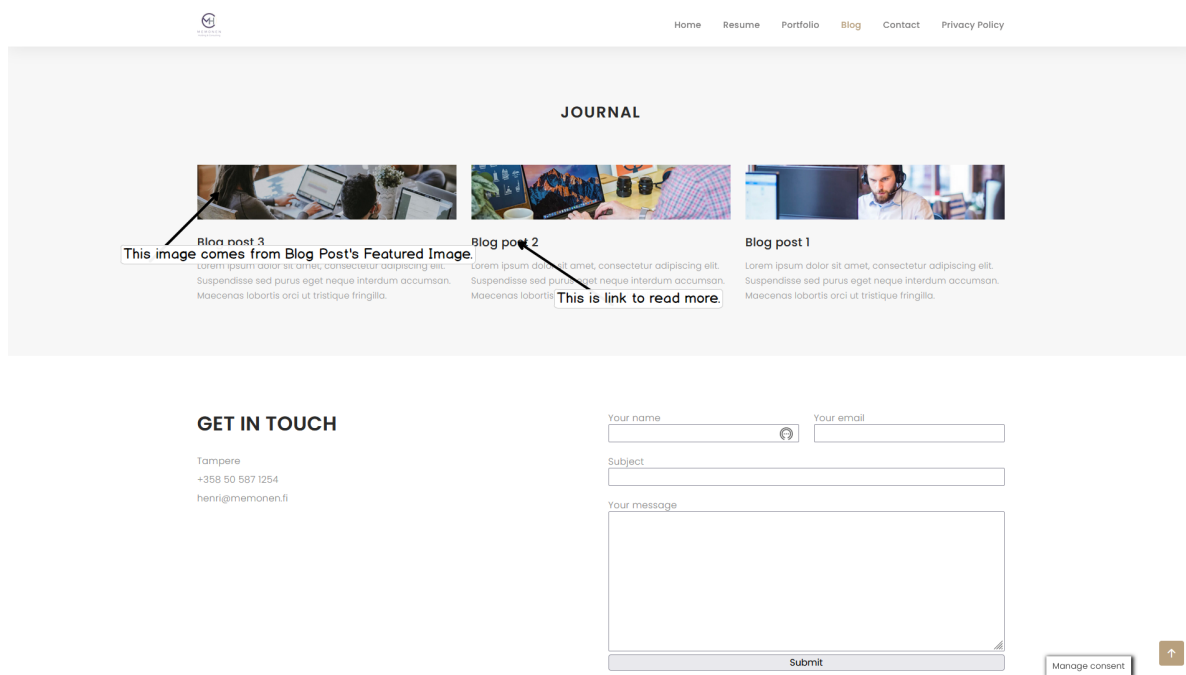
 Must Have,  Done, [Target Version]

HENR-420 - Portfolio Details Page



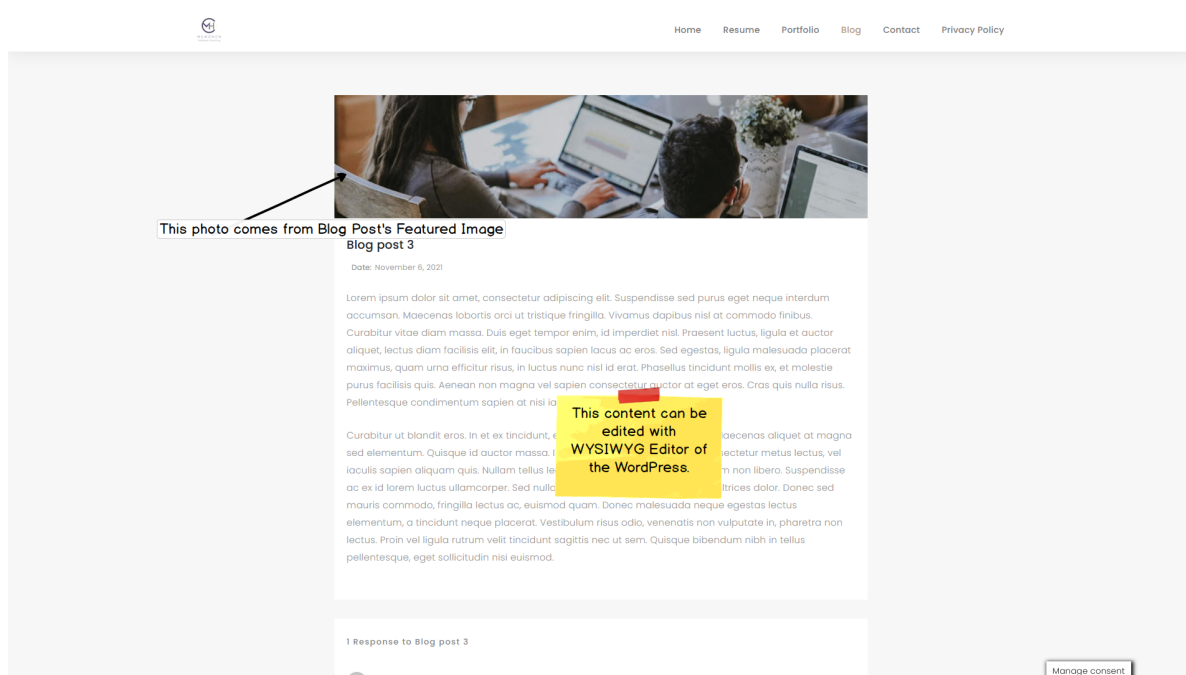
 Must Have,  Done, [Target Version]

HENR-421 - Blog



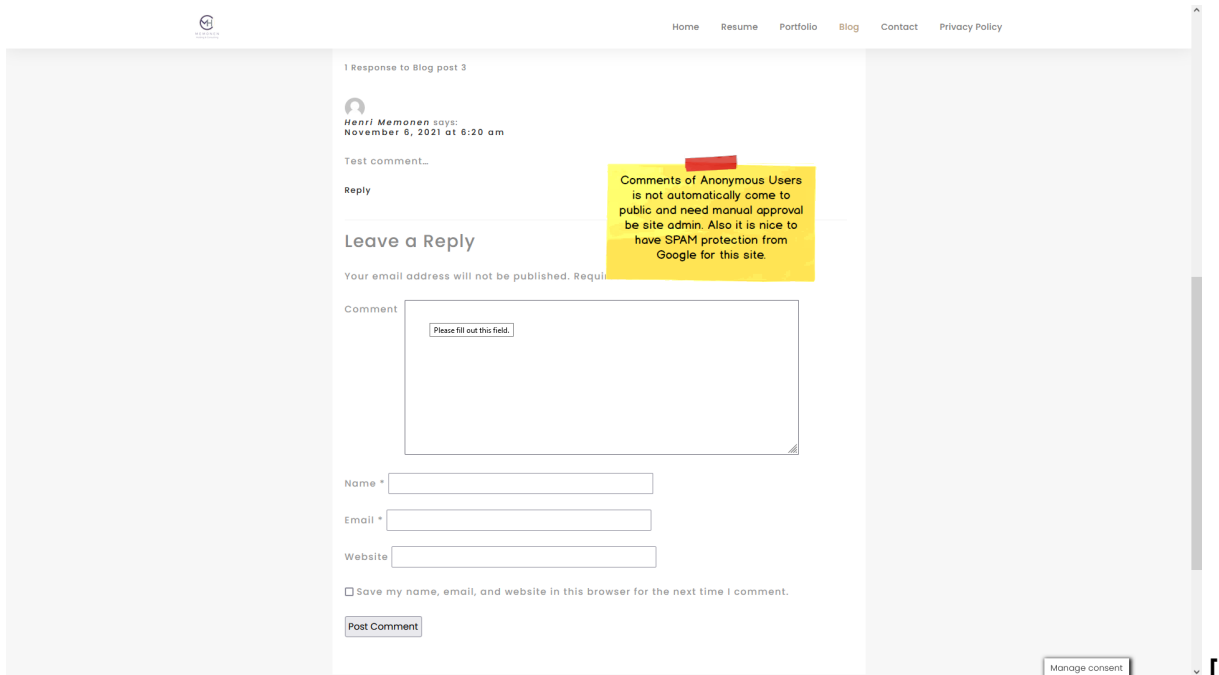
❌ Must Have, ✅ Done, [Target Version]]

HENR-428 - Blog Post Page



❌ Must Have, ✅ Done, [Target Version]]

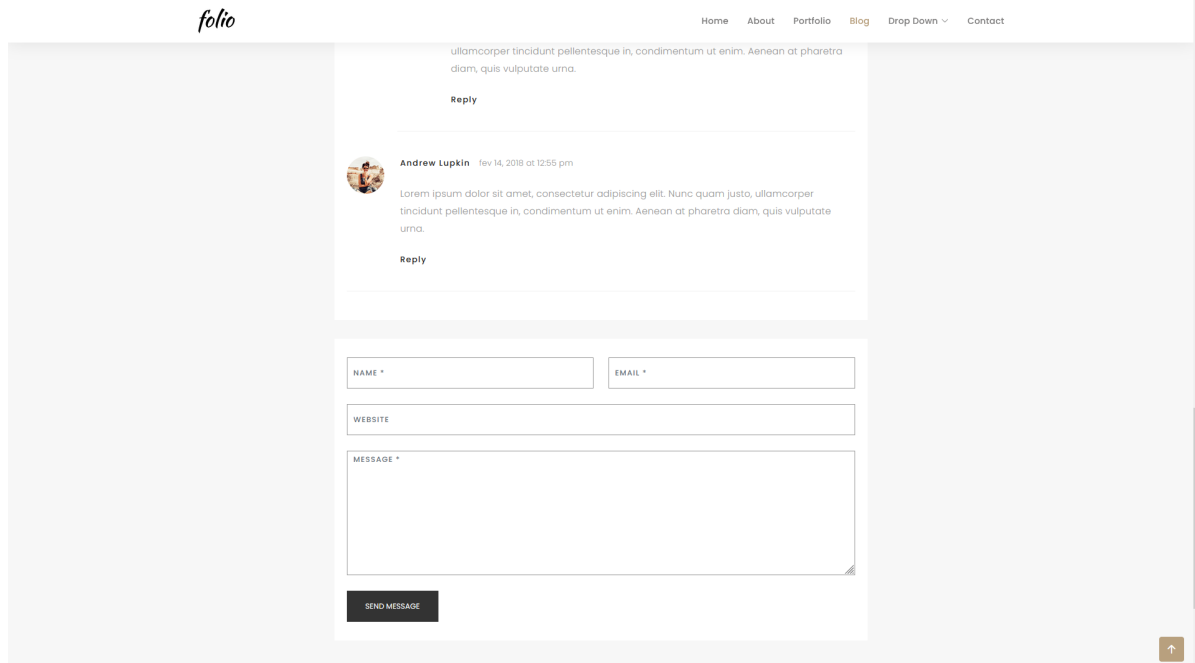
HENR-429 - Blog Post Comments



❗ Must Have, ✅ Done, [Target Version]

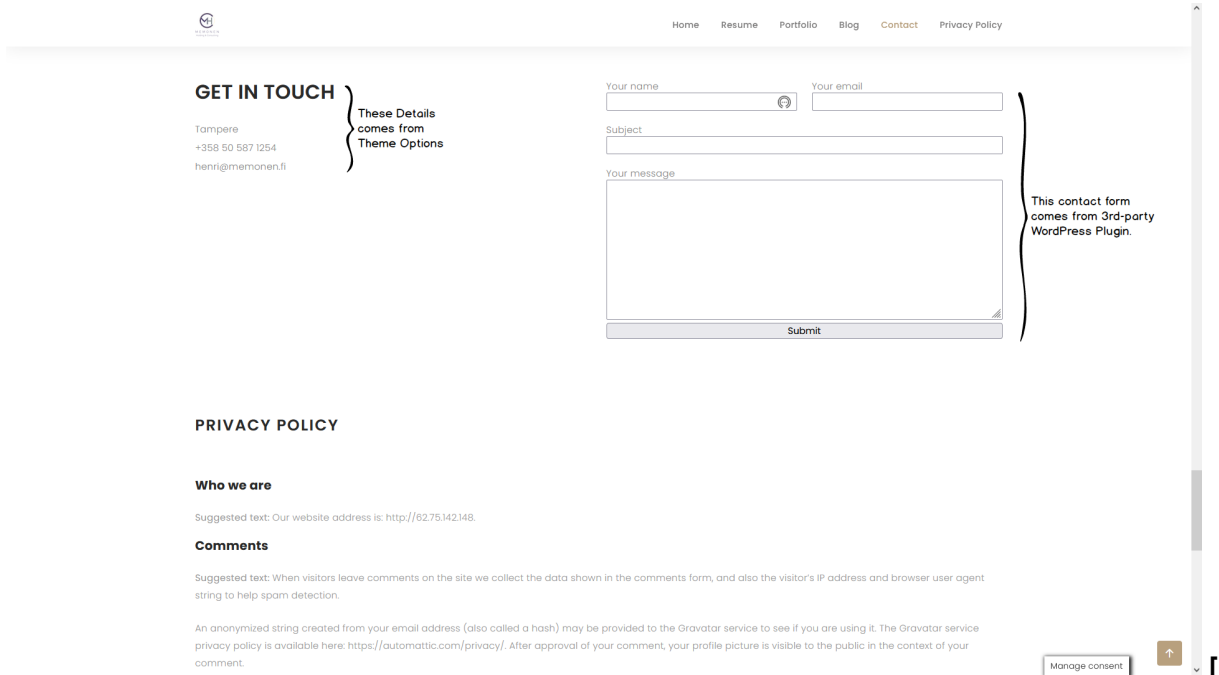
HENR-430 - Comments Listing is Somehow Badly made with CSS

Please see original CSS implementation from screenshot below:



👍 Nice to Have, 🧑 Accepted, [Planned In]

HENR-422 - Contact Section



GET IN TOUCH

Tampere
+358 50 587 1254
henri@memonen.fi

These Details comes from Theme Options

Your name

Your email

Subject

Your message

Submit

This contact form comes from 3rd-party WordPress Plugin.

PRIVACY POLICY

Who we are

Suggested text: Our website address is: <http://62.75.142.148>.

Comments

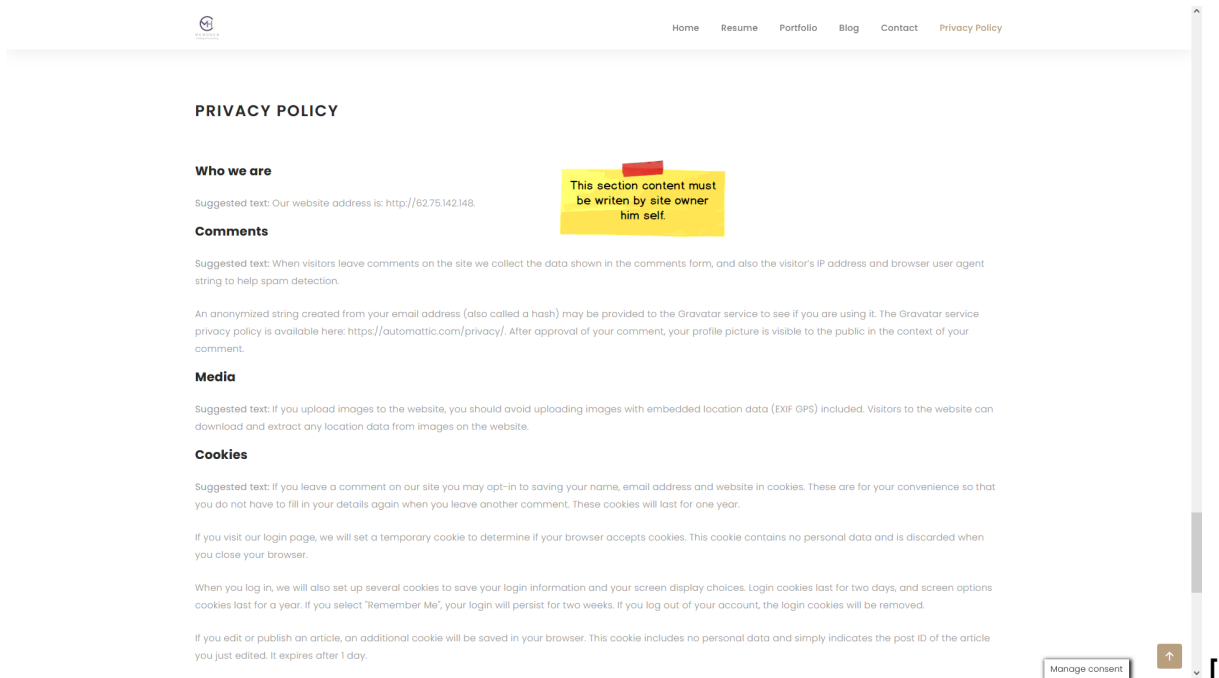
Suggested text: When visitors leave comments on the site we collect the data shown in the comments form, and also the visitor's IP address and browser user agent string to help spam detection.

An anonymized string created from your email address (also called a hash) may be provided to the Gravatar service to see if you are using it. The Gravatar service privacy policy is available here: <https://automattic.com/privacy/>. After approval of your comment, your profile picture is visible to the public in the context of your comment.

Manage consent

❗ Must Have, ✅ Done, [Target Version]

HENR-423 - Privacy Policy Section



PRIVACY POLICY

Who we are

Suggested text: Our website address is: <http://62.75.142.148>.

Comments

Suggested text: When visitors leave comments on the site we collect the data shown in the comments form, and also the visitor's IP address and browser user agent string to help spam detection.

An anonymized string created from your email address (also called a hash) may be provided to the Gravatar service to see if you are using it. The Gravatar service privacy policy is available here: <https://automattic.com/privacy/>. After approval of your comment, your profile picture is visible to the public in the context of your comment.

Media

Suggested text: If you upload images to the website, you should avoid uploading images with embedded location data (EXIF GPS) included. Visitors to the website can download and extract any location data from images on the website.

Cookies

Suggested text: If you leave a comment on our site you may opt-in to saving your name, email address and website in cookies. These are for your convenience so that you do not have to fill in your details again when you leave another comment. These cookies will last for one year.

If you visit our login page, we will set a temporary cookie to determine if your browser accepts cookies. This cookie contains no personal data and is discarded when you close your browser.

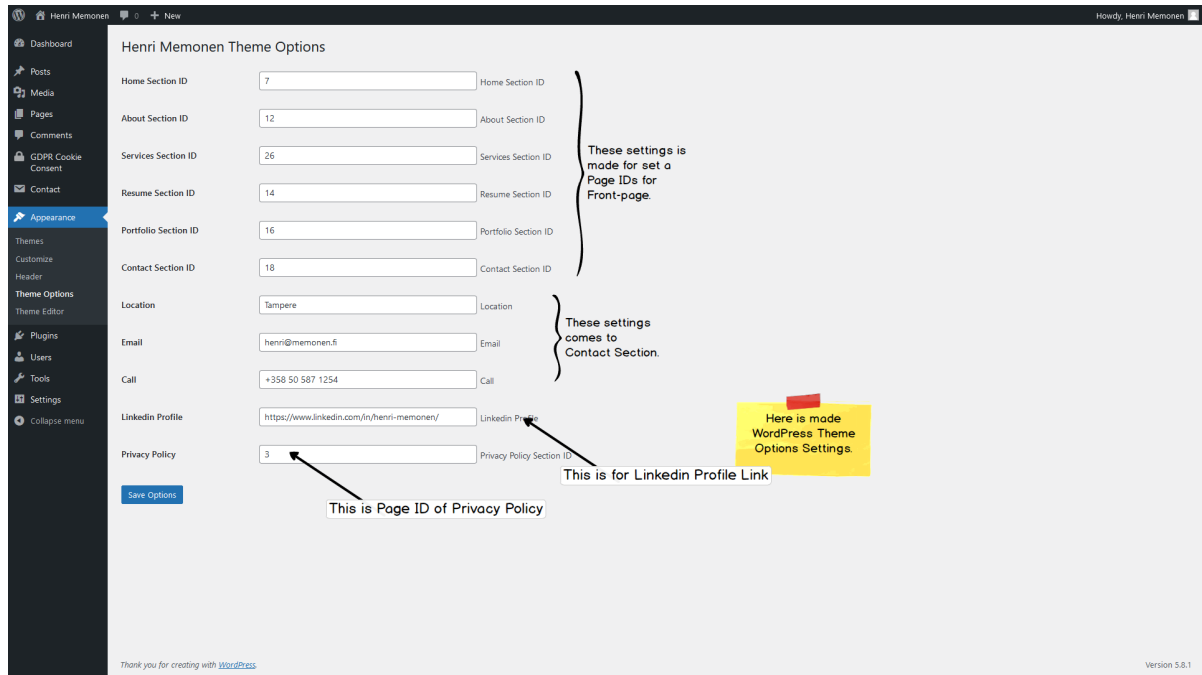
When you log in, we will also set up several cookies to save your login information and your screen display choices. Login cookies last for two days, and screen options cookies last for a year. If you select "Remember Me", your login will persist for two weeks. If you log out of your account, the login cookies will be removed.

If you edit or publish an article, an additional cookie will be saved in your browser. This cookie includes no personal data and simply indicates the post ID of the article you just edited. It expires after 1 day.

Manage consent

❗ Must Have, ✅ Done, [Target Version]

HENR-424 - Theme Options



Henri Memonen Theme Options

Home Section ID: 7 Home Section ID

About Section ID: 12 About Section ID

Services Section ID: 26 Services Section ID

Resume Section ID: 14 Resume Section ID

Portfolio Section ID: 16 Portfolio Section ID

Contact Section ID: 18 Contact Section ID

Location: Tampere Location

Email: henri@memonen.fi Email

Call: +358 50 587 1254 Call

LinkedIn Profile: https://www.linkedin.com/in/henri-memonen/ LinkedIn Profile

Privacy Policy: 3 Privacy Policy Section ID

Save Options

This is Page ID of Privacy Policy

This is for LinkedIn Profile Link

These settings is made for set a Page IDs for Front-page.

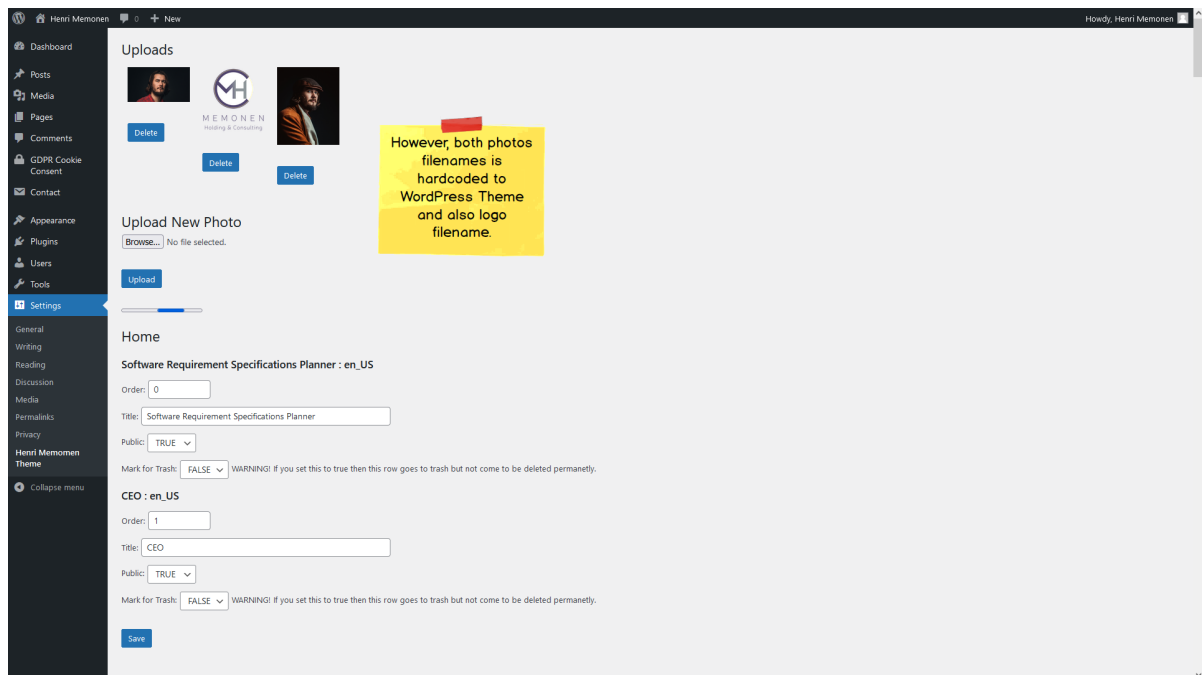
These settings comes to Contact Section.

Here is made WordPress Theme Options Settings.

Version 3.8.1

Must Have, Done, [Target Version]

HENR-425 - Up-loader for Front-end Photos and Company Logo



Uploads

Upload New Photo

Browse... No file selected.

Upload

However, both photos filenames is hardcoded to WordPress Theme and also logo filename.

Home

Software Requirement Specifications Planner : en_US

Order: 0

Title: Software Requirement Specifications Planner

Public: TRUE

Mark for Trash: FALSE WARNING! If you set this to true then this row goes to trash but not come to be deleted permanently.

CEO : en_US

Order: 1

Title: CEO

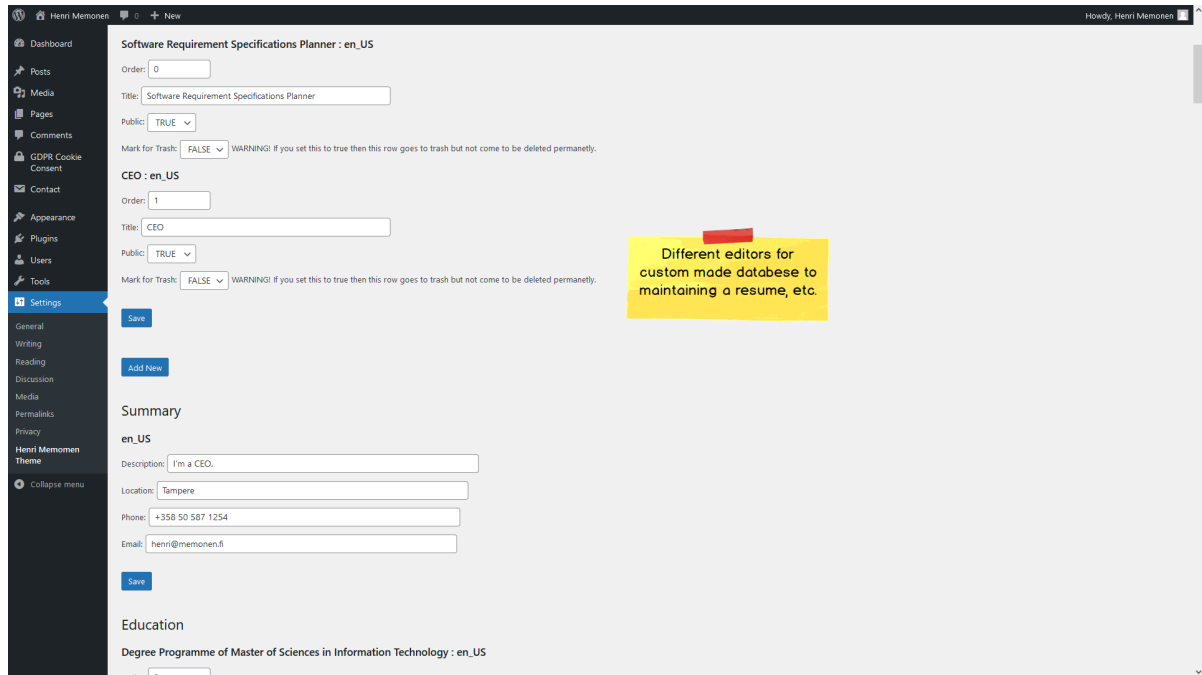
Public: TRUE

Mark for Trash: FALSE WARNING! If you set this to true then this row goes to trash but not come to be deleted permanently.

Save

Must Have, Done, [Target Version]

HENR-426 - Editor for Resume, etc.



Software Requirement Specifications Planner : en_US

Order:

Title:

Public: ☒

Mark for Trash: ☐ WARNING! If you set this to true then this row goes to trash but not come to be deleted permanently.

CEO : en_US

Order:

Title:

Public: ☒

Mark for Trash: ☐ WARNING! If you set this to true then this row goes to trash but not come to be deleted permanently.

Save

Add New

Summary

en_US

Description:

Location:

Phone:

Email:

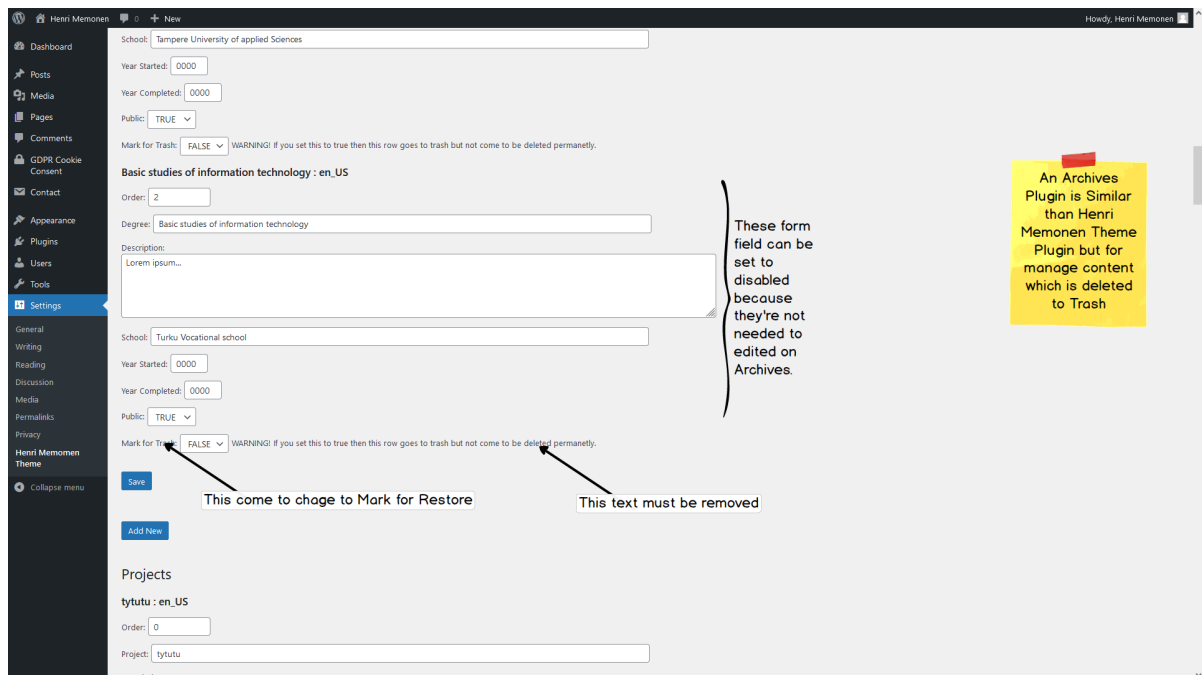
Save

Education

Degree Programme of Master of Sciences in Information Technology : en_US

Should Have, Done, [Target Version]]

HENR-427 - Archives for Restore Content from Trash



Basic studies of information technology : en_US

Order:

Degree:

Description:

School:

Year Started:

Year Completed:

Public: ☒

Mark for Trash: ☐ WARNING! If you set this to true then this row goes to trash but not come to be deleted permanently.

Save

Add New

Projects

tytutu : en_US

Order:

Project:

Description:

Should Have, Done, [Target Version]]

4 Nonfunctional Requirements

4.1 Performance Requirements

If there are performance requirements for the product under various circumstances, state them here and explain their rationale, to help the developers understand the intent and make suitable design choices. Specify the timing relationships for real time systems. Make such requirements as specific as possible. You may need to state performance requirements for individual functional requirements or features.

HENR-401 - Site come to installed to the Dedicated Server

Dedicated Server is enough for performance requirements to maintain the site with much CPU, Hard Dick Space, RAM, etc. [🔴 Should Have, 🟢 Reviewed, [Target Version]]

4.2 Safety Requirements

Specify those requirements that are concerned with possible loss, damage, or harm that could result from the use of the product. Define any safeguards or actions that must be taken, as well as actions that must be prevented. Refer to any external policies or regulations that state safety issues that affect the product's design or use. Define any safety certifications that must be satisfied.

HENR-403 - Automatic back-ups of MySQL database

Automatic back-ups of server MySQL database with Crontab. [🔴 Should Have, 🟢 Reviewed, [Target Version]]

4.3 Security Requirements

Specify any requirements regarding security or privacy issues surrounding use of the product or protection of the data used or created by the product. Define any user identity authentication requirements. Refer to any external policies or regulations containing security issues that affect the product. Define any security or privacy certifications that must be satisfied.

HENR-402 - Official SSL Certificate

It would be nice if server has an Official SSL Certificate. [🟢 Nice to Have, 🟢 Reviewed, [Target Version]]

HENR-413 - Configuring an Official SSL Certificate's Security Settings in Apache HTTP Server

These can be configured on VirtualHost file for this site's domain. [🟢 Nice to Have, 🟢 Reviewed, [Target Version]]

HENR-411 - Use only secure auto-generated passwords with build-in in WordPress

WordPress has a password auto-generator that makes enough secure passwords. [🔴 Must Have, 🟢 Reviewed, [Target Version]]

HENR-412 - Use Password Manger Software like Norton Password Manager

Password Manager Software will store all passwords in secure storage in Cloud and will take a care about their security. [🔴 Should Have, 🟢 Reviewed, [Target Version]]

4.4 Software Quality Attributes

Specify any additional quality characteristics for the product that will be important to either the customers or the developers. Some to consider are: adaptability, availability, correctness, flexibility, interoperability, maintainability, portability, reliability, reusability, robustness, testability, and usability. Write these to be specific, quantitative, and verifiable when possible. At the least, clarify the relative preferences for various attributes, such as ease of use over ease of learning.

HENR-404 - Use Responsive Design

Use responsive design with front-end Theme. [🚫 Must Have, 🟢 Reviewed, [Target Version]]

4.5 Other Requirements

Define any other requirements not covered elsewhere in the specification. This might include database requirements, internationalization requirements, legal requirements, reuse objectives for the project, and so on. Add any new sections that are pertinent to the project.

HENR-410 - User Manual for Maintaining this WordPress-site

Wiki-page for instructions how to maintain this WordPress-site that is exportable to PDF file. [🚫 Must Have, 🟢 Reviewed, [Target Version]]

5 Appendix A: Terminology/Glossary/Definitions list

Define all the terms necessary to properly interpret this document, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each document.

- **PHP** is a [general-purpose scripting language](#) geared towards [web development](#).
- **MySQL** is an [open-source relational database management system](#) (RDBMS)
- **Subversion** (from the [Latin](#) word *subvertere*, 'overthrow') refers to a process by which the values and principles of a system in place are contradicted or reversed in an attempt to transform the established [social order](#) and its structures of [power](#), [authority](#), [hierarchy](#), and [social norms](#). It is just a Version Control System for the Software Projects.
- **WordPress (WP, WordPress.org)** is a [free and open-source content management system](#) (CMS) written in [PHP](#) and paired with a [MySQL](#) or [MariaDB](#) database.
- **Entity Relationship Diagram** or ERD is a way to model databases in human understandable visual image.
- **HTML** or the **HyperText Markup Language** is the standard [markup language](#) for documents designed to be displayed in a [web browser](#). It can be assisted by technologies such as [Cascading Style Sheets](#) (CSS) and [scripting languages](#) such as [JavaScript](#).
- **Cascading Style Sheets (CSS)** is a [style sheet language](#) used for describing the [presentation](#) of a document written in a [markup language](#) such as [HTML](#). CSS is a cornerstone technology of the [World](#)

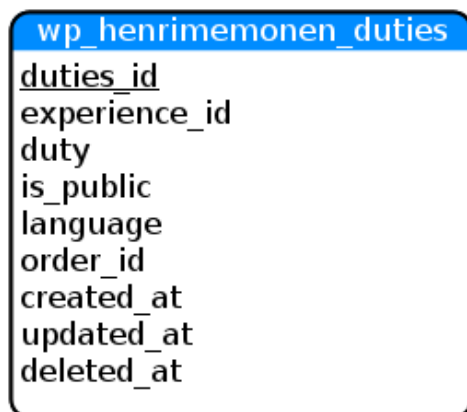
d Wide Web, alongside HTML and JavaScript.

- **JavaScript** often abbreviated as **JS**, is a [programming language](#) that conforms to the [ECMAScript](#) specification.
- **jQuery** is a [JavaScript library](#) designed to simplify [HTML DOM](#) tree traversal and manipulation, as well as [event handling](#), [CSS animation](#), and [Ajax](#). It is [free, open-source software](#) using the permissive [MIT License](#).
- **Ajax** (also **AJAX** short for "[Asynchronous JavaScript](#) and [XML](#)") is a set of [web development](#) techniques that uses various web technologies on the [client-side](#) to create asynchronous [web applications](#).
- **Bootstrap** is a [free and open-source CSS framework](#) directed at responsive, [mobile-first front-end web development](#). It contains [CSS](#)- and (optionally) [JavaScript](#)-based design templates for [typography](#), [forms](#), [buttons](#), [navigation](#), and other interface components.

6 Appendix B: Analysis Models

Optionally, include any pertinent analysis models, such as data flow diagrams, class diagrams, state-transition diagrams, or entity-relationship diagrams.

HENR-398 - Duties Entity Relationship Diagram





[🚩 Should Have, 🧑 Accepted, [Planned In]]

HENR-399 - Education Entity Relationship Diagram





wp_henrimemonen_education
<u>education_id</u>
degree
year_started
year_completed
school
description
is_public
language
order_id
created_at
updated_at
deleted_at

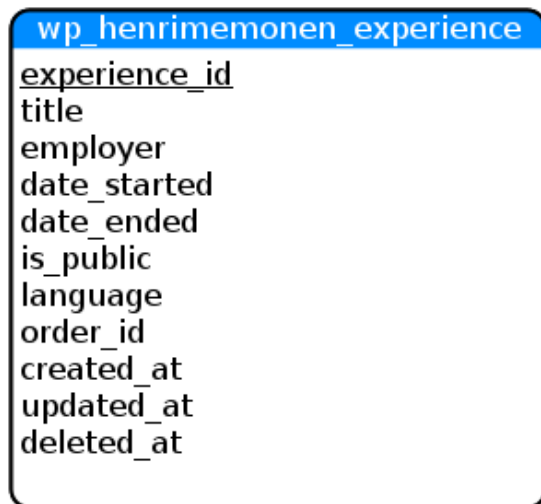
[ Should Have,  Accepted, [Planned In]]

HENR-407 - Projects Entity Relationship Diagram

wp_henrimemonen_projects
<u>project_id</u>
project
description
year_started
year_completed
is_public
language
order_id
created_at
updated_at
deleted_at

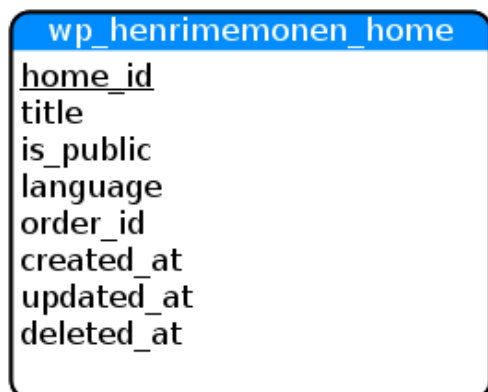
[ Should Have,  Accepted, [Planned In]]

HENR-408 - Experience Entity Relationship Diagram



[🚩 Should Have, 🧑 Accepted, [Planned In]]

HENR-409 - Home Entity Relationship Diagram



[🚩 Should Have, 🧑 Accepted, [Planned In]]