Content Management System Usage Guide

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# Overview

The Firebase Content Management System (CMS) allows you to manage the content of your website hosted on Google Cloud Platform. This documentation provides instructions on how to effectively utilize the CMS components located inside Firebase.

# Accessing the CMS [Appendix 1]

1. Navigate to the Firebase Console: <https://console.firebase.google.com/>
2. Log in with the provided account details.
3. Select your project.
4. **To view the website layout**- in the left-hand menu, click on "Build/Firestore Database".
5. **To view website images** - in the left-hand menu, click on "Build/Storage".

# Overview of website layout

All of the text and layout is contained within **Firestore Database.** It has 3 main components [Appendix 2].

1. **Layout**: Specifies the generic layout of the website.
2. **Languages**: Indicates how many languages you want the website to have
3. **Localizations**: Contains translations for each language, and all the relevant card data (**IMPORTANT to have the proper object structure for the language page to work. Object structure is defined in section 3.2.**)

All images are stored in **Firebase Storage** [Appendix 3].

## Managing Languages [Appendix 4]

* Use "layout/languages/list" to specify website languages.
* Use “layout/languages/translation/” to specify “LanguageSelector” translations on the website
* Each translation must have a corresponding localization file named "layout/[localization]".

## Managing Localizations [Appendix 5]

When making changes or adding new localizations, ensure object keys and values match the provided English example.

The "layout/[localization]" encompasses all text used on the website, divided into four sections:

1. **Header** [Appendix 6]: Easily modifiable text.
2. **Footer** [Appendix 7]: Contains three sections corresponding to each column.
   1. Brand Section [“layout/[localization]/Footer/logo”] – Easily modifiable text.
   2. Site Map [“layout/[localization]/Footer/site\_map”] – allows for the addition of links if pages are added to the website.
   3. [“layout/[localization]/Footer/connect”] - Easily modifiable text.
3. **Homepage** [Appendix 8]: Divided into four sections
   1. Intro [“layout/[localization]/Homepage/intro”] – simple text to modify. In ‘description’, HTML tags may be used for additional structure.
   2. Impact [“layout/[localization]/Homepage/impact”] – contains title and card data.
      1. **Card data MUST be present in all localizations for it to be usable in the layout section).**
      2. Cards contain all **StatsCard** objects that can be used on the website.
      3. A valid StatsCard object must include 'img', 'stat', and 'text' fields.
   3. About Us [“layout/[localization]/Homepage/about”] – contains title and person data.
      1. **Person data MUST be present in all localizations.**
      2. Cards contain all **PersonCard** objects that can be used on the website.
      3. A valid PersonCard must include ‘img’, ‘full\_name, ‘position’, ‘description’, and ‘link’ fields.
      4. In ‘description’, HTML tags may be used for additional structure.
   4. Projects [“layout/[localizatoin]/Homepage/projects”] – contains title and project data
      1. **Project data MUST be present in all localizations.**
      2. Cards contain all **ProjectCard** objects that can be used on the website.
      3. A valid ProjectCard object must include ‘name, ‘description, ‘img, and ‘link’ fields.
   5. Support [“layout/[localization]/Homepage/support”] - simple text to modify. In ‘description’, HTML tags may be used for additional structure.
4. **Support [**Appendix 9]: Contains two sections - (a) Intro and (b) Support. Both are simple to modify.

## Managing Layout [Appendix 10]

The “layout/layout” object contains information on the images to use on the website, social media links in the footer to use, which PersonCards to use from the about us card list in localization, which StatsCards to use from the impact card list in localization. In order to use the cards in layout – simply reference the key you assigned when creating the cards.

Currently the following social media link types are supported: ‘instagram’, ‘facebook’, ‘twitter’.

# Managing Images [Appendix 3]

* **LayoutImages** contains any images that can be used by “layout/layout” object
* **PersonCards** contains images that can be used in “layout/[localization]/Homepage/about/cards”
* **StatsCards** contains images that can be used in “layout/[localization]/Homepage/impact/cards”

By changing these object you will be able to fully manipulate the contents of the website. If you have any additional questions, or require changes to more than simple text/images – please contact [volodin.kostia@gmail.com](mailto:volodin.kostia@gmail.com) for details.

# APPENDIXES

Appendix 1

A screenshot of a computer

Description automatically generated

Appendix 2

A screenshot of a computer

Description automatically generated

Appendix 3

A screenshot of a phone

Description automatically generated

Appendix 4

A screenshot of a computer

Description automatically generated

Appendix 5

A screenshot of a computer

Description automatically generated

Appendix 6

A screenshot of a computer

Description automatically generated

Appendix 7

A screenshot of a computer

Description automatically generated

Appendix 8

A screenshot of a computer

Description automatically generated

Appendix 9

A screenshot of a computer

Description automatically generated

Appendix 10

A screenshot of a computer

Description automatically generated