

Accounting Agency Web Application

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The project consists of developing a simple, yet professional, web application for an accounting agency in Mexico.

The website consists of three pages: Index, About and Learn More.

The Index page aims to transmit the essence of the Accounting Agency: the Mission, the Values and the Services they offer. For each of the services, the agency should be able to show a short description and key points that make them stand out from the competition. The Index Page should also include a contact section – including a form linked to the Agency's mail, a direct whatsapp option, Email, Telephone and Social Media.

The About Page aims to share with the clients the Business Trajectory of the Agency, the Team Members – Picture plus small biography –, and the Physical Location.

The Learn More Page is an Added-Value section for the agency. The Agency wants to create a blog-like page, in which they share news, advice and contents.

Additionally to these three sections, the project considers an admin-side dashboard. The project should begin with a super-admin account, with fixed username and password, which will be handed in to the client. The super admin will access the dashboard through a Log In Page.

The administrator should be able to log in into a dashboard, where he will be able to:

1. Create, Update and Delete Administrators
2. Edit the content of the website's pages. Specifically, the Index Page, the About Page and the Learn More Page

For the Index Page, the Admin should be able to Edit the Section's Text, the linked whatsapp number, the linked email for the contact form, and the social media accounts. The Admin should also be able to CRUD the services – Including the Service description and key points.

For the About Page, the Admin should be able to Edit the Section's Text, and CRUD the Team Members. The application will store the Team Members' Images in Firebase, allowing the Admin to just "Upload" a picture. Finally, the Admin should be able to Edit the Physical Location by just providing a google maps link/reference of the Agency's Location.

For the Learn More Page, the Admin should be able to Edit the Section's Text, and CRUD the posts. For each of the posts, the client should be able to select a post title, post description and decide if the post has any content. If the content is an Image or a Video, the client should be able to upload it – and it will be stored in Firebase. If the client wants to

share a Youtube Video, he should be able to do so by just pasting the video's Link. Finally, if the post is a post from Facebook or X, the Admin should be able to do so by just sharing the publication's URL.

Finally, the Super Admin, through the Dashboard, should be able to Create and Manage new admins that will help him to edit the website. Only the Super Admin can delete and create Admins.

Specifications:

1. Target Audience Language: Spanish

Client-Side Pages:

1. Index (Home) Page
2. About Page
3. Learn More Page

Admin-Side Page:

1. Log In
2. Admin Dashboard
 - a. Edit Index
 - b. Edit About
 - c. Edit Learn More
 - d. Manage Admins

Technology:

- Back-End: FastAPI
- Front-End: HTML, CSS and JavaScript – Jinja Templates
- Data Base: SQLite in Development, PostgreSQL in Production
- Deployment: Heroku
- Cloud Storage (Images) : Firebase Storage