

Project Title : Creciendo Juntos MicroFarming Project

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1) Description

The Creciendo Juntos Micro Farming Initiative, led by Arham Anwar, Tayte Brown, Audrey Delisle, Abby Lowe, and Nikki Tye, focuses on enhancing agricultural practices in Costa Rica. Through the development of databases, training materials, and an online textbook. The project aims to empower farmers with improved tools and knowledge, ensuring sustainable farming and a reliable food supply for the community.

2) Files Included & their Description

1- Database

- a) App Database Code Study
 - i) Database Interpretation Strategy
 - ii) Understand the Data Models
 - iii) Firestore Rules
 - iv) Firebase Indexes
 - v) Repo Structure
 - vi) Detailed Data Model Documentation
- b) ERD
 - i) Entity Relationship Diagram
- c) App Spreadsheet Database
 - i) Farm App Database (Main database with all gathered information)
 - ii) Templates for each entity
 - iii) Archive
 - iv) Photos for Excels
- d) Crop Tasks Database
 - i) Crop Tasks for App (Main database with all crop tasks specifically for updating app)
 - ii) Crop Tasks Read Me
- e) Raw Data (all data given by the client)
 - i) 6 pdfs of training material given by client
 - ii) 1 word file (Datos para APP) of crop data
 - iii) Datos de cultivos (crop data)

2- App Training Material

- a) Training Videos
 - i) Spanish Farmer Training Video
 - ii) Spanish Admin Training Video

- iii) English Farmer Training Video
 - iv) English Admin Training Video
- b) Scripts and Screens (PDF with the script of the training video and screenshots of visuals so trainees have the option to follow along by reading)
 - i) Spanish Farmer Script and Screen PDF
 - ii) Spanish Admin Script and Screen PDF
 - iii) English Farmer Script and Screen PDF
 - iv) English Admin Script and Screen PDF

3- App Exploration

- a) App Bugs Report
- b) App Improvements Report (pdf and xlsx)

4- Online textbook

- a) All image files (.jpg) used in html
- b) Index.html (main homepage)
- c) crop_information.html (crop information homepage)
- d) Plague_information.html (plague information homepage)
- e) Website link and QR code (to access the online version of the website)

3) Github Repos

Repository 1: <https://github.com/Microfarming/Micro-Farming-Project-2024>

Title: Micro Farming Project 2024

Description: This includes all files seen above

Repository 2: <https://github.com/Microfarming/MicroFarmingOnlineTextbook>

Title: Micro Farming Online Textbook

Description: In order to create a github page to have the online textbook live, a separate repository had to be created. In order to edit any html script of the online textbook, please do so in this repository as it is live in github pages.

4) Contact Information

For any questions or concerns, please contact:

Name: Audrey Delisle or Nikki Tye

Email: audrey.delisle@mail.mcgill.ca or nicole.tye@mail.mcgill.ca