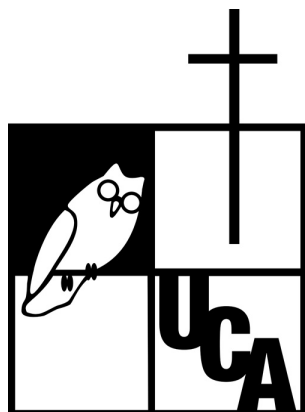


**Universidad Centroamericana
José Simeón Cañas**



digidoro

Integrantes

Aguilar Hernández, Melvin Armando	00067621
Chavez Grande, Claudia María	00037221
Escobar Lima, Henry Eduardo	00033721
Vásquez Meléndez, Fernanda Camila	00065221

Fecha de entrega

Data Dictionary

The data dictionary in the Digidoro application is a support tool for the management and development of information systems that define and describe the elements and characteristics of the data to be used in our project.

This collection of data provides detailed information about the data to be used, such as its name, description, format, data type, length, and relevant properties.

The data dictionary is a tool that ensures the consistency and quality of the data used in the system. It also facilitates understanding and collaboration among the actors involved in data development and management.

This document will be used to standardize and document the structure and meaning of the data used in the system, with the aim of facilitating understanding and communication among the members involved in the project.

USER

User data is of vital importance as it represents personal and confidential information that is managed and used in our project. Below is the data collection to be used for "User," and this table shows important data such as (id, name, lastname, email, etc).

USER				
This collection stores the personal information of new Digidoro users.				
Name	Description	Datatype	Required	Default
_id	Unique identifier of each user record.	ObjectId	✓	-
name	Name of the user to register.	String	✓	-
lastname	Last name of the user to register.	String	✓	-
email	Email address of the person to register.	String	✓	-
password_hash	User's encrypted password.	String	✓	-
date_birth	User's date of birth.	Date	✓	-
profile_pic	Photograph or representation of the person.	String		{imagen_nuevo_usuario.png}
rols	Roles that the user has in the	Array [String]	✓	["User"]

	application.			
tokens	Tokens that allow user login.	Array [String]	✓	[]col
points	Points accumulated for carrying out activities in the application.	Number	✓	0
rank	World rank of the user.			"Novice"

TODO_ITEMS

The following collection presents the "TODO_ITEMS," which contains important information when adding an item to a list according to the application's creation. It includes data such as title, description, reminder, theme, etc.

TODO_ITEMS				
This collection stores the added items in a list based on the date they were created in the app.				
Name	Description	Datatype	Required	Default
_id	Unique identifier for the task list item.	ObjectId	✓	-
title	Title or name of the task list item.	String	✓	-
description	Description and additional details about the task.	String		-
theme	Element color to organize tasks into different types.	String		#FFFFFF
reminder	Reminder or deadline to complete the to-do list item.	Date		-
isCompleted	Indicates whether the task list item has been completed or not.	Boolean	✓	False



TODO

In this collection, the "TODO" is presented, which is responsible for storing the user's information when entering the task they want to perform. It includes data such as id, UserID, and ItemsID.

TODO				
This collection stores the lists created by registered users in Digidoro.				
Name	Description	Datatype	Required	Default
_id	Unique identifier for each list record.	ObjectId	✓	-
UserID	Unique identifier of the user who created the task.	ObjectId	✓	-
ItemsID	A list of unique task list item identifiers associated with a user.	Array [ObjectId]	✓	[]

NOTES

In the "Notes" collection, important data is presented when adding notes in the application.

FOLDER (NOTES)				
This collection stores the notes grouped by users in digidoro in Digidoro.				
Name	Description	Datatype	Required	Default
_id	Unique identifier for each folder in the database.	ObjectId	✓	-
UserID	Unique identifier of the user who created the folder.	ObjectId	✓	
Name	Friendly name of the folder.	String	✓	
Notes	An array of unique note identifiers associated with the folder.	Array [ObjectId]		[]
Theme	Color of the element to organize the folders.	String		#FFFFFF



FAVORITE_NOTES

In the "Favorite_notes" collection, important data is presented so that in the application it is possible to show the user's favorite notes, in the important data we have the id, UserId and Notes.

FAVORITE_NOTES				
This collection stores the favorite notes added by users in Digidoro.				
Name	Description	Datatype	Required	Default
_id	Unique identifier for the favorites collection.	ObjectId	✓	-
UserID	Unique user identifier.	ObjectId	✓	
Notes	An array of unique identifiers for notes added to favorites.	Array [ObjectId]		[]



NOTE

In the "NOTE" collection, important data is presented so that the application is able to save a note, for this it is important to register the id, userID, title, message, tags, them.

NOTE					
This collection stores the notes created by users in digidoro in Digidoro.					
Name	Description	Datatype	Required	Default	Name
_id	Unique identifier for each note in the database.	ObjectId		✓	-
userID	Unique identifier of the user who created the note.	ObjectId		✓	
title	Title or name of the note.	String		✓	-
message	Main content of the note.	String		✓	-
tags	Keywords or tags that identify the note for easy retrieval.	Array[String]			
theme	Note color to organize the notes.	String		✓	#FFFFFF



POMODORO

In the "POMODORO" collection, important data is presented to allow the application to record the Pomodoro sessions that the user wishes to perform. It is necessary to record the id, Pomodoro count, break time, etc.

POMODORO				
This collection stores the records of new users registered in Digidoro.				
Name	Description	Datatype	Required	Default
_id	Unique identifier of each user record.	ObjectId	✓	-
Pomodoro	Indicates the time interval that each work block will last (minutes)	Number (min)	✓	25
Break	Indicates the time interval that each block of rest between pomodoros will last (it must be a small break indicated in minutes)	Number (min)	✓	5
Long Break	Indicates the time interval that each rest block will last between complete blocks of pomodoros (must be a long rest indicated in minutes)	Number (min)	✓	15
Break_x_pomodoro	Indicates the number of pomodoros done before having a long break.	Number	✓	4



Pomodoro_x_day	Indicates the number of pomodoros needed during a day.	Number	✓	8
Theme	Color of the pomodoro that visually helps the user.	String	✓	#FFFFFF
Reminder	Break reminder format after a pomodoro (alarm or notification and vibrate).	Boolean	✓	True