

# API CREATOR

App name: API-CREATOR

Version: 1.0.0

Starting Date: 10 MARCH, 2023

Closing Date: 4 APRIL, 2023

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## Introduction:

API-Creator is a Flutter application designed to automate the process of creating APIs associate Express, MongoDB, and Node.js. With API-Creator, you can create a project with pre-installed packages and create multiple collections with pagination and timestamp features visually. Additionally, the application provides a user-friendly GUI to create schemas and add authentication to your server, including bearer and basic authentication. The most notable feature of the application is its ability to automatically generate OPEN-API documentation for your API.

## TECHNOLOGIES:

- **FLUTTER** (3.7.7)
  - Get (State management)
  - Path Provider (read directories)
  - Intl (date formatting)
  - Connectivity Plus (check for internet connection)

## FUTURE IDEAS:

- Supports SQL database
- Add more customizations
- Add custom queries
- Populate fields
- Sorting

## FEATURES:

- Automatic Package Installation
- Automatically open project in vs code
- Store projects locally for future updates
- Search Queries
- Pagination
- Keyboard shortcuts
- Create Multiple collection with schemas
- Server Authentication
- OPEN-API Documentation

## Why it is useful:

- ✓ Time saving
- ✓ Error less operation
- ✓ Easy to use
- ✓ Beginner friendly
- ✓ Flexible features

## Use cases:

- Fast Development cycle
- Develop Rest API's for your project with in a minute
- No cost (Free of cost)

## Draw backs:

- Unable to create an API for image uploading
- Unable to populate fields from other collection's document
- Unable to do sorting