# API CREATOR

App name: API-CREATOR

Version: 1.0.0

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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

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