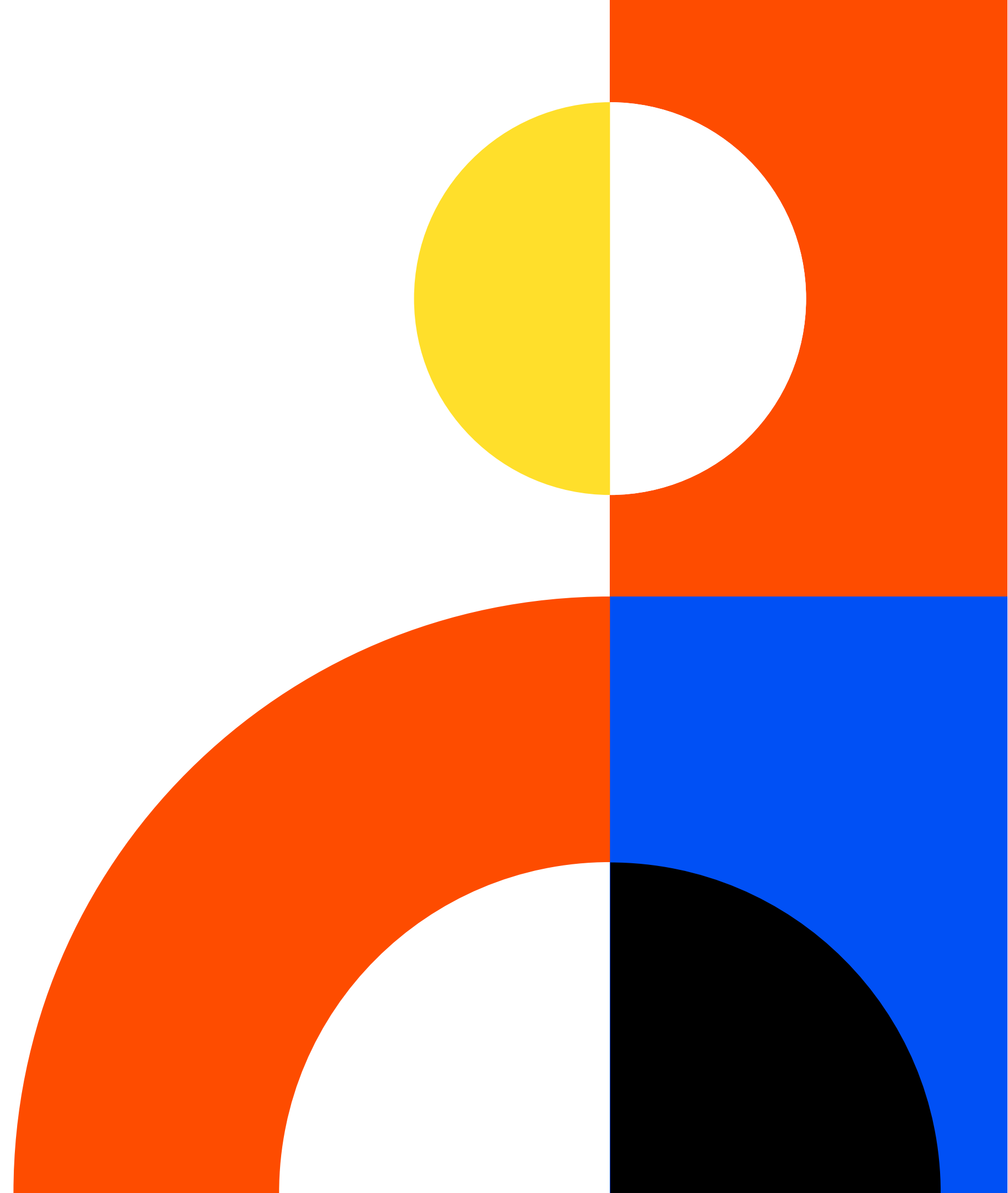


# Node.js MeditActive

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# Index.js

The index.js is the main file where there are all the final connection for the API to work and for the project I used express, mongoose and MongoDB. And while developing I used nodemon.



# Routes

In the User Routes there are the some API that work alone with `/api/users` that are the on that allow to add a new user or to see all the users, if it is `/api/users/:id` wher there is the “:id” it has to chance with an existant User ID and it allow to see or to update or delete a specific user, the last `/api/users/intervals` it allows to see a intervals for that user. In the Interval Routes ther are always the `/api/intervals` and `/api/intervals/:id` that work as the User Routes, but there are also `/api/intervals/filter` that is has to show a specific period of time when you search for it and `/api/intervals/:intervalId/goals` that allows to associate a specific interval to a goal. The last route is the Goal Routes that uses only the `/api/goals` and `/api/goals/:id` and the concept is the same as before. All of this routes need to have their own controllers with their own logic to proper work when a command is called.



# Controllers

All the controllers that repeats are similar, if it has to add something you have to use the same command, but changing the word after `/api/-` and it can add something, for the user there is no need to add an ID that doesn't belong to another object, for the interval is needed to add the User ID and for the goal you are not obligated, but you can add the Interval ID if you want. Instead for the `/api/-/:id` if you add the id at the end the logic is the same but it has to search and check for the same id and then it can update or delete or find just one of the thing. Instead for the specific one, for example to get a User's Interval it has to see for the id of the interval and then it shows it. For the filter it uses the start date and end date of the intervals and it filters and shows only the intervals that you are searching for. Instead for the goal when you create one if you add a Interval ID it associate immediately, but if you don't add one it just create it without an association and after you can associate one by doing `/api/intervals/:intervalId/goals`.



# Modules

At the beginning of everything there are the modules, where you add how the objects are saved and what they need when they are called back. For the user you have to create it with a name, a surname and a email, the email has a verification to be a valid email. For the Interval you have to create it with a startDate, a endDate that has to be later than the starting date and a valid User ID. And finally the Goal you have to create it with a title and if you want a description and an Interval ID.

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[https://github.com/konnynchiwa/Start2impact-  
node.js-MeditActive](https://github.com/konnynchiwa/Start2impact-node.js-MeditActive)

