Technical Test Full-Stack Engineering Bunny Studio.

At Bunny Studio we are creating a new MVP, this new platform must be scalable and flexible to support our continuous growth. We want to implement a **micro-service** architecture and the first part of the project is to develop a to do web app with two sets of REST endpoints and the UI to display the data:

- USERS CRUD
- USER's TASKS CRUD

The user's model would look like this:

USERS
Id Name

The user tasks model would look like this:

USER_TASKS
Id description state (to do, done) user_id

The requirements of this test you would need to implement to complete the technical test are:

Frontend:

- It must have a view to list the users.
- It must have an option to update the users.
- It must have an option to delete the users.
- In the user's list, you must be able to select a single user and list its tasks
- It must have an option to create tasks.
- It must have an option to update tasks.
- You may use whatever framework you wish (Angular, React, Vue or etc).

Backend:

- The **micro-services** architecture must be well defined
- The endpoints should be a REST API
- You can use whatever framework, the language that you are comfortable with.
- You can use any DB that you want or use a DBaaS.

To evaluate the technical test we need:

- The code in a public repository like GitHub.
- Live server running.
- Please add a block diagram to represent the architecture.
- A Read me file explaining how to run to tests and the servers

Rember:

- This test is to be done within a day so you must plan your work.
- We will focus on testing how you organize the code and the structure of the architecture.