

# Backend | Javascript Test

## User Story:

As a User, I want to update Covid-19 vaccination progress, so that I can check how vaccination is progressing via the report

## Description:

Whenever someone gets a Covid-19 vaccine, add an entry in the vaccination database with the user's Adhar card number (UNIQUE) and location.

Following information needs to be a capture,

1. User's Adhar Card number
2. IP Address from which request has been
3. State (Maharashtra, Gujrat)

## Tasks

1. Create REST API to add user's entry in vaccination database that he/she has taken a vaccine with Adhar-card number & location
2. Create REST API to get a report in JSON format
  - a. The total vaccine was taken by users grouped by Daily, Weekly, Monthly and Yearly
  - b. Filter values by Location (State)
  - c. Filter values by date range (Required Param)
    - i. Start Date
    - ii. End Date

## Submission:

1. All the code has to be submitted via the public GitHub repository
2. Database design or table structure to meet the requirements (SQL preferred)
3. Write Rest API implementation

## Notes & Acceptance Criteria:

- A custom field created by a user can be applicable to customers under that user only.
- You can hardcode the user data in the database.
- Node.js with express.js or any other node.js framework is preferred.
- All the written code should be clean, properly structured, and commented
- Functions and variables should be reusable
- The test must be submitted in conveyed deadline