

BrainerHub Solutions

Practical subject: Node Js

Duration: 1 Day

Let's assume there is an Online travel company and they want to calculate the EMI date and amount for a given date

The following Test case should be followed Backend Side

- i) All EMI should be completed before 14 days of check-in
- ii) If the Check In date is within 30 days then Emi is not available
- iii) First EMI (down payment) should be 25% or it can be passed by user.
- iv) Installment frequency can be weekly, biweekly & monthly
- v) Minimum installment should be 5.

If the installment is less than \$5 then you need to readjust the installment number and make the installment amount greater than 5.

Frontend side:

1) Create form to collect below input

2) Call API to get data

3) List all emi in table

Inputs

booking_date

checkin_date

down payment (optional)

Amount

Instalment_type

no_of_emi (optional)

Example

booking_date = '2022-01-01'

checkin_date = '2022-03-01'

amount = 100

Instalment_type : 'weekly'

Output

```
{
  emi_available : true,
  data: [
    {
      emi_date : '2022-01-01',
      amount: 10
    },
    ...
    {
      emi_date: '2022-02-15',
      amount: 10
    }
  ]
}
```