ZOMENTUM HIRING ASSIGNMENT

You can choose either backend or frontend based on your compatibility. You can choose any language/framework you are comfortable with. The deadline to submit your assignment is by Monday 11 am.Push your code to your github with proper commit messages. Fill this google form when you are finished.

https://forms.gle/zRoZQsYPoGJR4qZ29

BACKEND PROBLEM STATEMENT:

You have to design a REST interface for a movie theatre ticket booking system. It should support the following business cases:

- An endpoint to book a ticket using a user's name, phone number, and timings.
- An endpoint to update a ticket timing.
- An endpoint to view all the tickets for a particular time.
- An endpoint to delete a particular ticket.
- An endpoint to view the user's details based on the ticket id.
- Mark a ticket as expired if there is a diff of 8 hours between the ticket timing and current time.

- Note: For a particular timing, a maximum of 20 tickets can be booked.
- You should follow the REST paradigm while building your application.
- You can use any database you like.
- Create a proper readme for your project.
- Plus point if you could delete all the tickets which are expired automatically.
- Plus point if you could write the tests for all the endpoints.
- Please attach a screenshot of your postman while testing your application.
- Please avoid plagiarism.

FRONTEND PROBLEM STATEMENT:

You have to design a UI for a chat application. You can take inspiration from WhatsApp or any other social media site. I have attached some screenshots for your reference.

- You can use faker and textgen to generate random data.
- Additional points if you can append messages for each user when you click on the send message button.
- The submissions are evaluated based on the code quality, and your creativity.
- Please avoid plagiarism.

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THANK YOU & HAVE A NICE WEEKEND.