

Full Stack Web Development

# Exercise

## Create REST API for ticketing payment.

### Requirement :

- Use ExpressJS to create REST API
- Use SQL as a data store (MySQL, PostgreSQL, etc)
- Implement sequelize as an ORM

### Hint:

<https://sequelize.org/>

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## Story :

Continuing the case in exercise 11 (after users create transaction), the next step is that the user can make payment and upload the payment proof

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## Features :

- User can upload payment proof
  - Payment proof must be an image
  - Image format only jpg/jpeg/png
  - Image size can't more than 5mb

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## Features :

- Admin can accept/reject users transaction
  - Change transaction status from “waiting for payment” to be “reject transaction” after transaction rejected
  - Change transaction status from “waiting for payment” to be “paid” after transaction accepted
  - Send an invoice to users email after the user's transaction is paid

# Exercise

## Invoice Example :

**e-tix**



**Thanks For Your Order**

Invoice

28 Sept 2022

<b>Ticket Items</b>	<b>Pax</b>	<b>Price</b>
Timnas vs Curacao Tribun VVIP	2 Persons	Rp. 2000.000
Timnas vs Curacao Tribun Ekonomi Timur	1 Person	Rp. 150.000
Timnas vs Curacao Tribun VIP Barat	1 Person	Rp. 300.000
<b>Total</b>		<b>Rp. 2.150.000</b>

Thanks for trusted us for your online ticketing.

# Thank You!

