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Full Stack Web Development

Exercise

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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/

Exercise

Features :

- User can register
  - Register must contain email, username, phone number, password, and password confirmation
  - Check if email or username is available (not duplicate)
  - Check if password and password confirmation have a same value
  - Password only valid if length is more than 8
- User can login to the apps
  - Email, username, or phone number could be used as a login process
  - Login success if email, username, or phone number and password is match
  - If email, username, or phone number used in login process input the wrong password three times, the account would be suspended
- User can view all events
  - Show upcoming events only
  - Show events where ticket quota is still available

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Features :

- User can buy ticket
  - User can buy only 3 tickets for each transaction
- User can see history transaction

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Features :

- Admin can login to the apps
  - Email, username, or phone number could be used as a login process
  - Login success if email, username, or phone number and password is match
  - If email, username, or phone number used in login process input the wrong password three times, the account would be suspended
- Admin can create events
  - Admin must input event's name
  - Admin must input date of event
  - Admin must input venue of event
  - Admin must input total of tickets quota
  - Admin must input price of event
  - ***** Notes: You must record admin id on events table**
- Admin can view users attendance from each event

Thank You!

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