Guidelines

- Add Validation to all endpoints with inputs
- Document all Queries/Stored Procedures
- Clean folder structure
- No redundant Code (use Database Helpers)
- Protect all routes
- Normalize your tables to 3NF
- Build Collections with Postman
- Handle all errors
- For all delete endpoints use Soft Delete.
- Review Date 17th June 2024 (Monday)

Backend Project

Tour Service:

- Create a function to create a new tour in the database.
- Create functions to get all tours, get a specific tour by ID, update a tour, and delete a tour (**Admin only except getting all tours**).
- Use tokens to determine if someone is An Admin or Not.

User Service:

- Create a function for user registration (including password hashing).
- Create functions to get all users (**Admin only**), get a specific user by ID (**Admin or same user**), update user information (**User themself or Admin**), and delete a user (**Admin only**).

Hotel Service:

- Create a function to create a new hotel in the database.
- Create functions to get all hotels, get a specific hotel by ID, update a hotel, and delete a hotel (**Admin only except getting all hotels**).
- Use tokens to determine if someone is An Admin or Not

Booking Service:

- Create a function to create a booking, allowing users to select tours and hotels.
- Create functions to get all bookings (**Admin only**), get a specific booking by ID (**User who made it or Admin**), update a booking (**User who made it or Admin**), and cancel a booking (**User who made it or Admin**).
- Read user Id (The person making the booking) from the token

Background Services

- Send email to all new User
- Send an Email whenever a user makes a booking