

We have specified our Apis in a yaml file

```
openapi: 3.0.0
info:
  title: Boutique Hotel API
  version: 1.0.0
  description: Hotel Booking API
servers:
- url: https://api.boutiquehotel.com
paths:
  /hotel:
    get:
      summary: Get hotel info
      responses:
        '200':
          description: Successful response
          content:
            application/json:
              schema:
                $ref: '#/components/schemas/Hotel'
  /hotel/rooms:
    get:
      summary: Get hotel rooms
      responses:
        '200':
          description: Successful response
          content:
            application/json:
              schema:
                type: array
                items:
                  $ref: '#/components/schemas/HotelRoom'
  /hotel/room:
    get:
      summary: Get hotel room
      parameters:
        - name: roomId
          in: query
          description: ID of the room to retrieve
          required: true
          schema:
            type: string
      responses:
        '200':
          description: Successful response
          content:
            application/json:
              schema:
```

```
        $ref: '#/components/schemas/HotelRoom'
/booking:
  post:
    summary: Create booking
    requestBody:
      required: true
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/Booking'
    responses:
      '201':
        description: Booking created
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/BookingConfirmation'
components:
  schemas:
    Hotel:
      type: object
      properties:
        Id:
          type: string
        name:
          type: string
        address:
          type: string
        country:
          type: string
        stars:
          type: string
        description:
          type: string
        user_ratings:
          type: string
    HotelRoom:
      type: object
      properties:
        Id:
          type: string
        title:
          type: string
        hotel_Id:
          type: string
        Images:
          type: string
        available:
```

```
        type: boolean
    description:
        type: string
    Extras:
        type: string
Booking:
    type: object
    properties:
        Id:
            type: string
        first_name:
            type: string
        last_name:
            type: string
        Email:
            type: string
        Breakfast:
            type: boolean
        room_Id:
            type: string
        start_date:
            type: string
            format: date
        end_date:
            type: string
            format: date
BookingConfirmation:
    type: object
    properties:
        confirmation_number:
            type: string
```