Management View

* Endpoints for creating, updating, and deleting bike stations:
  + GET /stations: Get a list of all stations.
  + POST /stations: Create a new station.
  + PUT /stations/{stationId}: Update an existing station.
  + DELETE /stations/{stationId}: Delete a station.
* Endpoints for creating, updating, and deleting bike categories and bike models:
  + GET /categories: Get a list of all categories.
  + POST /categories: Create a new category.
  + PUT /categories/{categoryId}: Update an existing category.
  + DELETE /categories/{categoryId}: Delete a category.
  + GET /models: Get a list of all models.
  + POST /models: Create a new model.
  + PUT /models/{modelId}: Update an existing model.
  + DELETE /models/{modelId}: Delete a model.
* Endpoints for creating, updating, and deleting individual bikes:
  + GET /bikes: Get a list of all bikes.
  + POST /bikes: Create a new bike.
  + PUT /bikes/{bikeId}: Update an existing bike.
  + DELETE /bikes/{bikeId}: Delete a bike.
* Endpoints for assigning or re-assigning individual bikes to stations and parking places:
  + GET /stations/{stationId}/bikes: Get a list of all bikes assigned to a specific station.
  + POST /stations/{stationId}/bikes: Assign a bike to a station.
  + DELETE /stations/{stationId}/bikes/{bikeId}: Unassign a bike from a station.
* Endpoints for providing booking tickets for bikes:
  + GET /booking-tickets: Get a list of all booking tickets.
  + POST /booking-tickets: Book a new booking ticket.
  + PUT /booking-tickets/{ticketId}: Update an existing booking ticket.
  + DELETE /booking-tickets/{ticketId}: Cancel a booking ticket.

Customer View

* Endpoints for registering and managing user accounts:
  + POST /users: Register a new user.
  + GET /users/{userId}: Get information about a specific user.
  + PUT /users/{userId}: Update information about a specific user.
  + DELETE /users/{userId}: Delete a user account.
  + GET /users/{userId}/wallet: Get the balance of a specific user's wallet.
  + POST /users/{userId}/wallet: Add money to a specific user's wallet.
  + DELETE /users/{userId}/wallet: Withdraw money from a specific user's wallet.
* Endpoints for browsing bike types, bike stations, and reviews:
  + GET /models: Get a list of all bike models.
  + GET /stations: Get a list of all stations.
  + GET /stations/{stationId}/reviews: Get a list of reviews for a specific station.
  + GET /models/{modelId}/reviews: Get a list of reviews for a specific model.
* Endpoints for checking availability of bikes at specific stations:
  + GET /stations/{stationId}/bikes: Get a list of bikes available at a specific station.
  + GET /stations/{stationId}/bikes/{category}/{size}: Get a list of bikes available at a specific station of a specific category and size.
* Endpoints for booking tickets for bikes:
  + POST /booking-tickets/immediate-rent: Book a booking ticket for immediate renting.
  + POST /booking-tickets/future-rent: Book a booking ticket for future renting.
* Endpoints for managing booked tickets:
  + GET /booking-tickets/{ticketId}: Get information about a specific booking ticket.
  + PUT /booking-tickets/{ticketId}/qr-code: Request a QR code for a specific booking ticket.
  + GET /booking-tickets/{ticketId}/history: Get the rental history for a specific booking ticket.
* Endpoints for writing reviews and managing rental history:
  + POST /booking-tickets/{ticketId}/reviews