

Definieren Sie die REST-Operationen mit Pfad, Parametern, JSON-Objekten in Request- und Response-Bodies sowie Status Codes für die in Aufgabe G1 genannten Aufgaben der Endpunkte: /reservations, /vehicles und /availabilities.

Orientieren Sie sich an dem Beispiel für GET /customers/{id}.

HTTP-OP, Path	HTTP Request	HTTP Response
GET /customers/{id} (Beispiel)	Param: {id}. Body: Request Body leer.	Resp.-Body: Liste von Customer-Obj. nach Schema: CustomerDTO . Status Codes: - 200: OK; - 400: BAD REQ, 404: NOT FOUND...
GET /vehicles (Retrieval of all vehicles) (Read)	Param: No Parameter. Body: Request Body leer.	Resp.-Body: List von Vehicle-objects in JSON format. Nach Schema: VehicleDTO . Status Codes: 200: OK (For successful retrieval).
GET /vehicles/{id} (Retrieval of specific vehicle by ID) (Read)	Param: {id}. Body: Request Body leer.	Resp.-Body: List von Vehicle-Object in JSON-Format. nach Schema: VehicleDTO . Status Codes: 200: OK (For successful retrieval), 404: NOT FOUND (If the requested vehicle by ID does not exist), 400: BAD REQUEST (For other error conditions).
GET /reservations (Retrieval of all vehicles) (Read)	Param: No Parameter. Body: Request Body leer.	Resp.-Body: List von Reservation-Object in JSON-Format. nach Schema: ReservationDTO . Status Codes: 200: OK (For successful retrieval).
GET /reservations/{id} (Retrieval of specific reservation by ID) (Read)	Param: {id}. Body: Request Body leer.	Resp.-Body: List von Reservation-Object in JSON-Format. nach Schema: ReservationDTO . Status Codes: 200: OK (For successful retrieval), 404: NOT FOUND (If the requested vehicle by ID does not exist), 400: BAD REQUEST (For other error conditions).
POST /reservations (Create)	Body: create new Reservation-Object in JSON format. Nach Schema: ReservationRequestDTO .	Resp.-Body: Created Reservation-Object in JSON-Format. nach Schema: ReservationDTO . Status Codes: 201 CREATED, 400 BAD REQUEST (json body), 409 CONFLICT.

PUT /reservations (Update)	Body: Update existing Reservation-Object in JSON format. Nach Schema: ReservationUpdateDTO .	Resp.-Body: Updated Reservation-Object in JSON-Format. nach Schema: ReservationDTO . Status Codes: 202: accepted; 404: NOT FOUND (json body); 400: BAD REQUEST (For validation errors or other error conditions);
DELETE /reservations/{id} (Delete)	Param: {id}. Body: Request Body leer.	Resp.-Body: Response Body leer. Status Codes: 204: NO CONTENT (For successful deletion); 404: NOT FOUND (If the requested reservation by ID does not exist); 400: BAD REQUEST (For other error conditions); 409: CONFLICT (foreign key dependency);