

# **Deliverable #5**

**Company:** TranspoLogic

**Product:** FleetConnect

**Group members:**

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**Section:** CS-5B



Admin

PerformanceController

ReportingService

DriverRepository

TripRepository

PDFGenerator

Database

requestDriverPerformance(driverId, period)

generateDriverPerformance(driverId, period)

findById(driverId)

SELECT driver

driver

driver

fetchTripsByDriver(driverId, period)

SELECT trips

trips

trips

renderPerformanceReport(driver, trips)

pdfFile

downloadReport(pdfFile)

pdfFile



PerformanceController

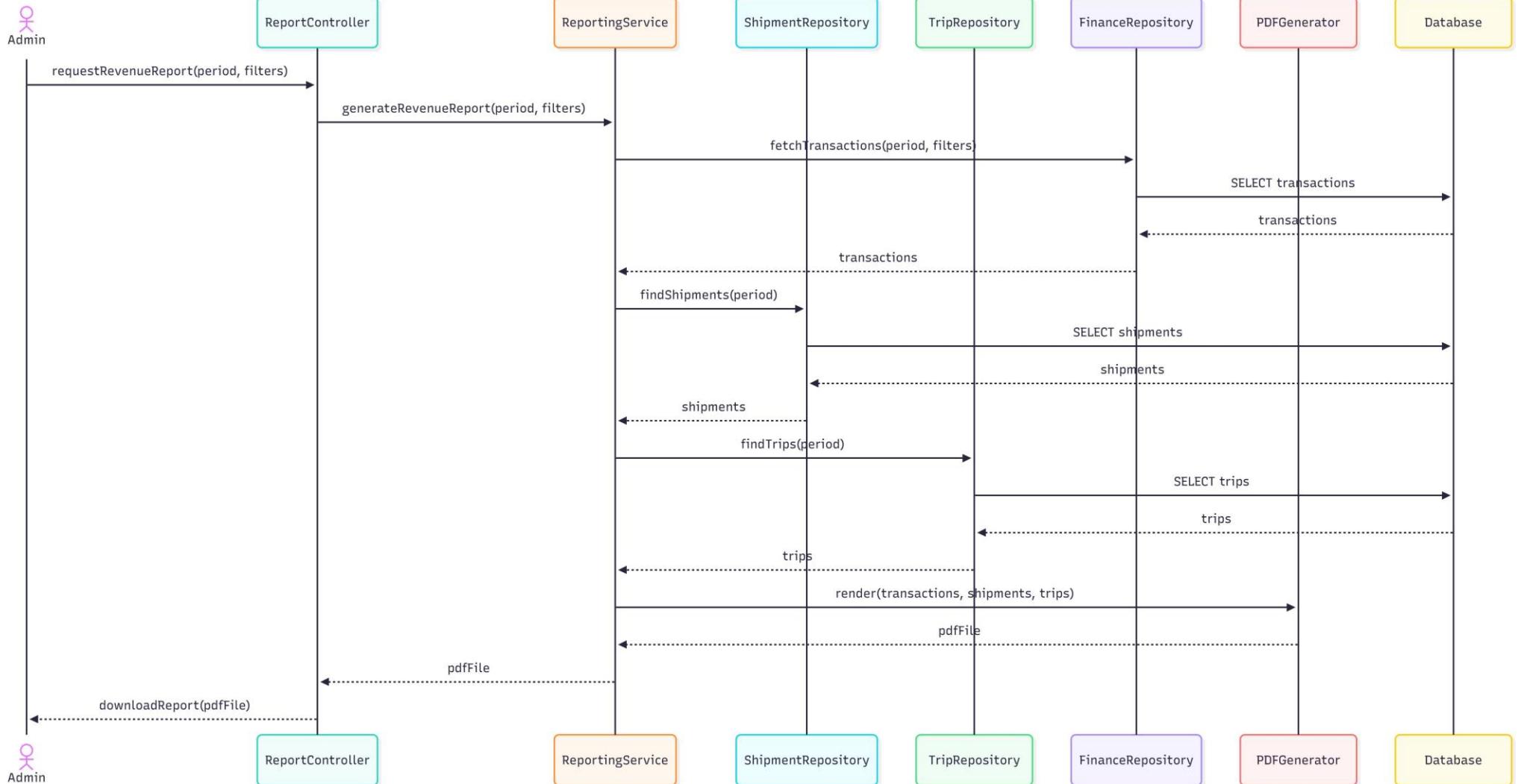
ReportingService

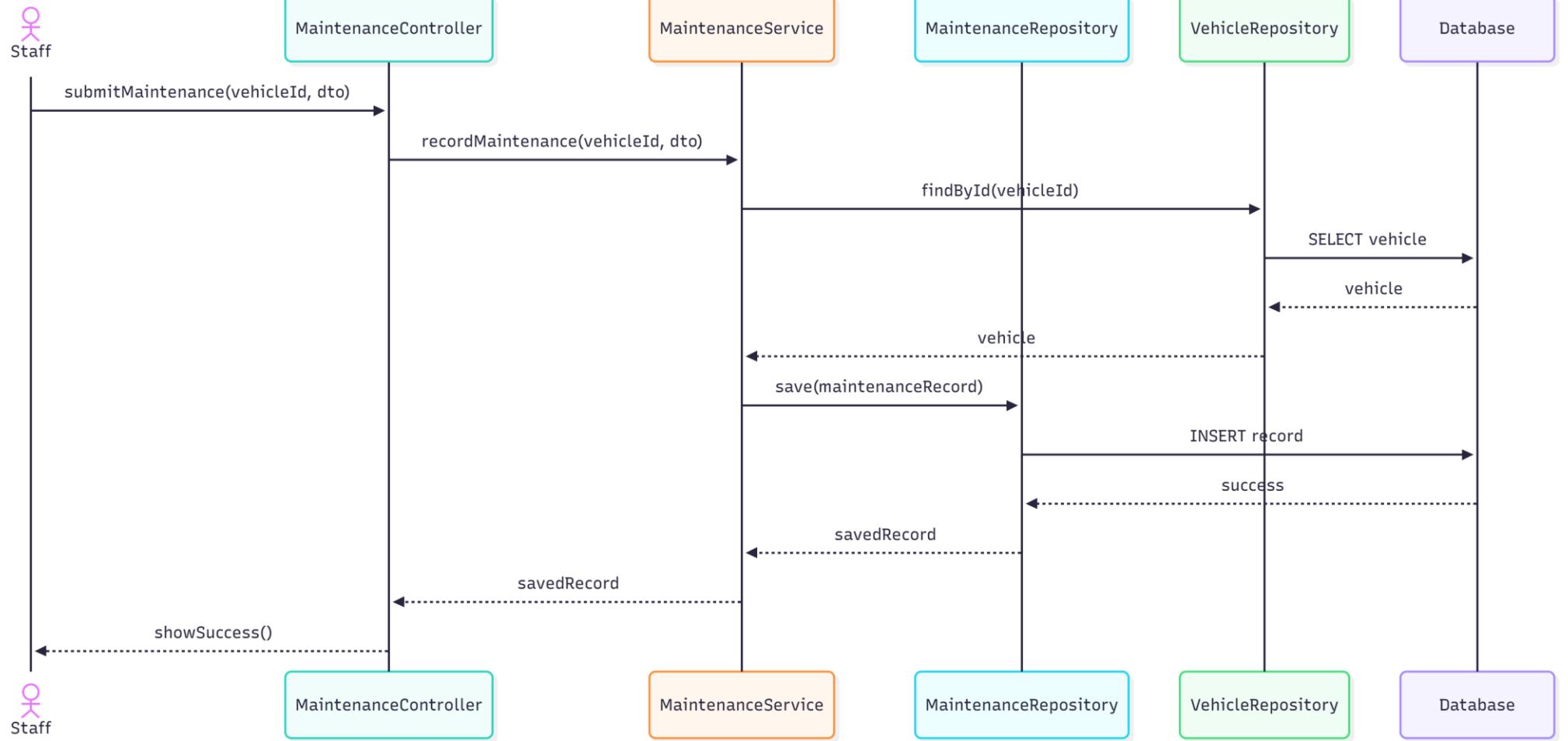
DriverRepository

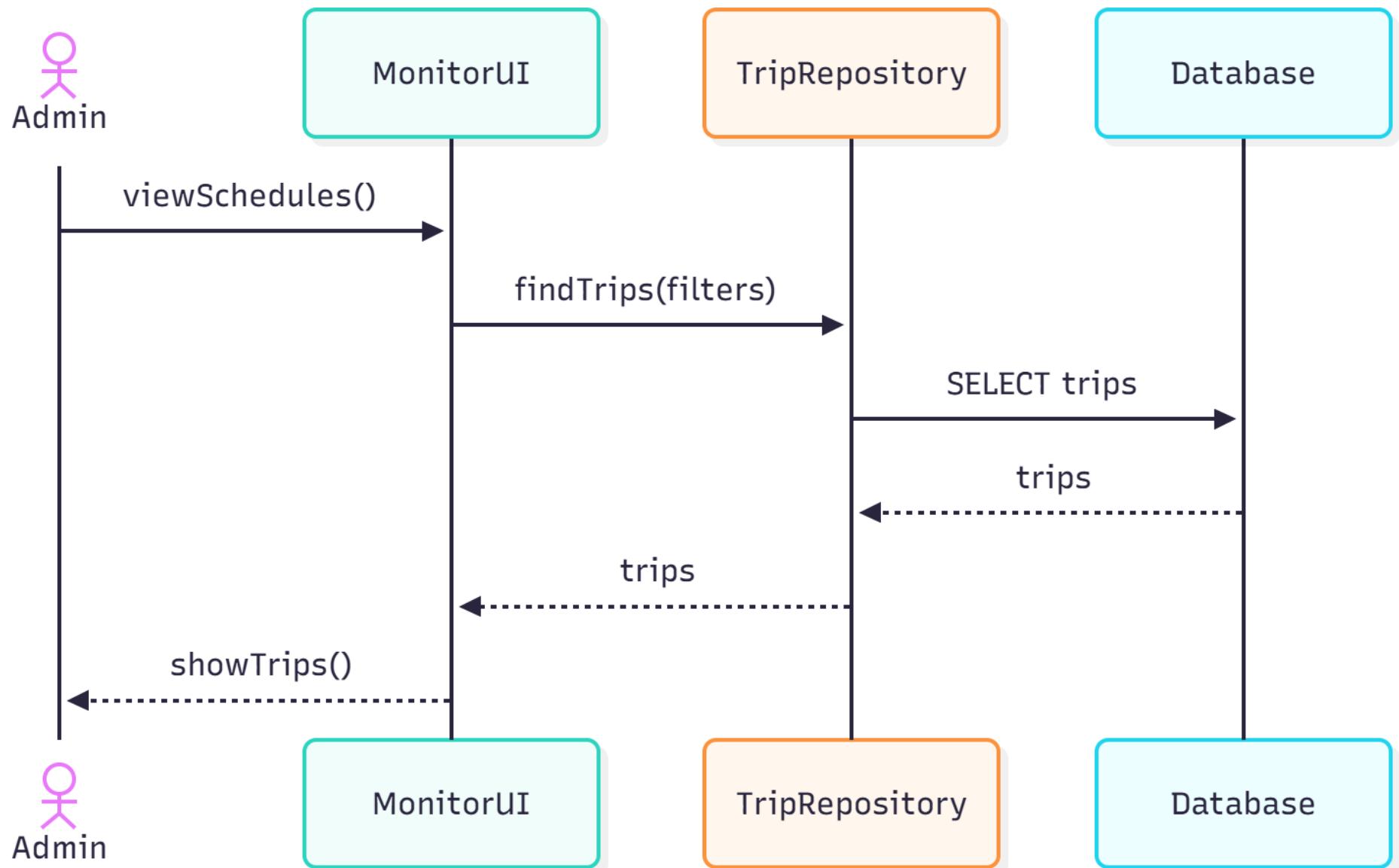
TripRepository

PDFGenerator

Database









Admin

RouteController

RouteService

RouteRepository

VehicleRepository

TripRepository

Database

assignRoute(vehicleId, routeId, startTime)

assignRoute(vehicleId, routeId, startTime)

findById(vehicleId)

SELECT vehicle

vehicle

vehicle

findById(routeId)

SELECT route

route

route

save(newTrip)

INSERT trip

success

savedTrip

showSuccess()

savedTrip



Admin

RouteController

RouteService

RouteRepository

VehicleRepository

TripRepository

Database



Driver

ShipmentController

ShipmentService

ShipmentRepository

SessionManager

Database

updateStatus(shipmentId, status, token)

validate(token)

driverId

updateShipmentStatus(shipmentId, status)

findById(shipmentId)

SELECT shipment

shipment

shipment

update(shipment.status = status)

UPDATE shipment

success

updatedShipment

updatedShipment

showSuccess()



ShipmentController

ShipmentService

ShipmentRepository

SessionManager

Database

