AOM Goal Model: E-Scooter Ride-Share System

TU Clausthal | Institut für Software and Systems Engineering
Course: Requirements Engineering | **Exercise:** 04
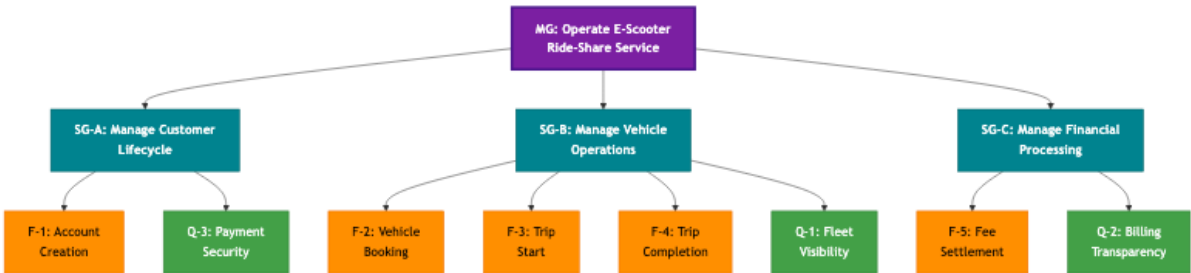**Submitted By:** Nikunj | **Date:** 11.01.2026

Figure: AOM Goal Hierarchy Model - Three-Level Structure

Legend

■ Level 1: Main Goal   ■ Level 2: Sub-Goals   ■ Level 3: Functional Goals

■ Level 3: Quality Goals

Goal Descriptions

Goal ID	Description
MG	Operate E-Scooter Ride-Share Service (Main Goal)
SG-A	Manage Customer Lifecycle (Registration, Security)
SG-B	Manage Vehicle Operations (Booking, Trip Management, Fleet)
SG-C	Manage Financial Processing (Billing, Fee Settlement)
F-1 to F-5	Functional Goals: Account Creation, Vehicle Booking, Trip Start, Trip Completion, Fee Settlement
Q-1 to Q-3	Quality Goals: Fleet Visibility, Billing Transparency, Payment Security