

AOM Goal Model: E-Scooter Mobility Platform

TU Clausthal | Institut für Software and Systems Engineering

Module: Requirements Engineering | Task: 04

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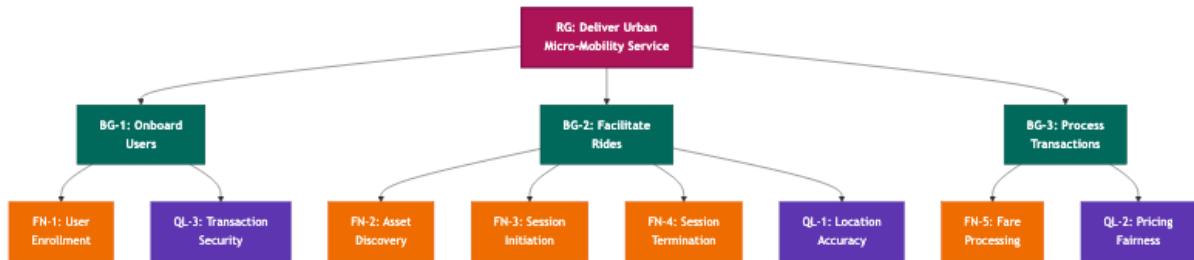


Figure: AOM Goal Hierarchy - Three-Level Decomposition

Color Legend

- Root Goal (Level 1)
- Branch Goals (Level 2)
- Functional Goals (Level 3)
- Quality Goals (Level 3)

Goal ID	Description
RG	Root Goal: Deliver Urban Micro-Mobility Service
BG-1	Onboard Users (Enrollment + Security)
BG-2	Facilitate Rides (Discovery, Initiation, Termination, Accuracy)
BG-3	Process Transactions (Fare + Fairness)
FN-1 to FN-5	Functional: Enrollment, Discovery, Session Init, Session End, Fare Processing
QL-1 to QL-3	Quality: Location Accuracy, Pricing Fairness, Transaction Security