

# AOM Goal Model: E-Scooter Mobility Platform

TU Clausthal | Institut für Software and Systems Engineering  
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Author: Nikunj | Date: 11.01.2026

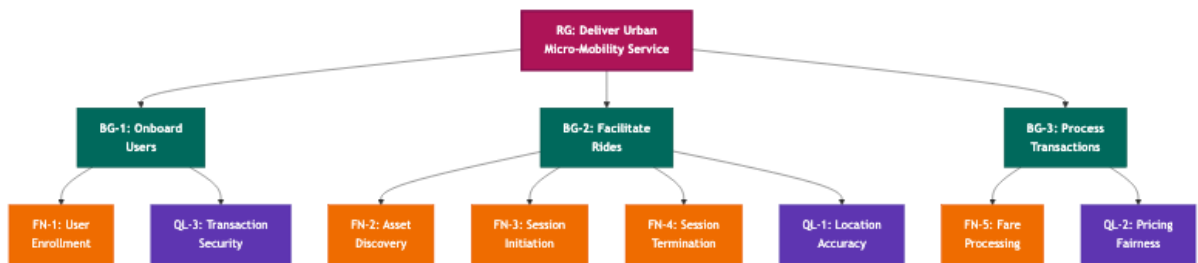


Figure: AOM Goal Hierarchy - Three-Level Decomposition

## 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            |