HW2: Personas and User Stories

Topic: live tracking and forecasting of parking availability in Münster

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Personas

Thomas Becker

- 45 year old sales representative
- daily commuter to city center Münster
- often struggles to find a parking spot during peak hours
- wants real time information on parking availability

Anna Müller

- 34 year old traffic manager
- aims to improve parking and traffic flow in Ms
- wants to analyze real time parking data and identify patterns
- wants to use predictive models to manage parking in Ms

User Stories

As a **commuter**, I want **to see live parking availability on my mobile device**, so I can **save time and avoid areas with no available spots**.

As a **commuter,** I want **predictions on parking availability for the next hour,** so I can **adjust my arrival time to find parking more easily**

As a **city traffic manager,** I want **real-time data on parking occupancy across different areas,** so I can **implement responsive traffic management strategies**

As a **city traffic manager,** I need **predictive analytics on parking demand,** so I can **anticipate high occupancy times**