Problem Solution fit Template

Project Title: Virtualization tool for electric vehicle charge & range analysis

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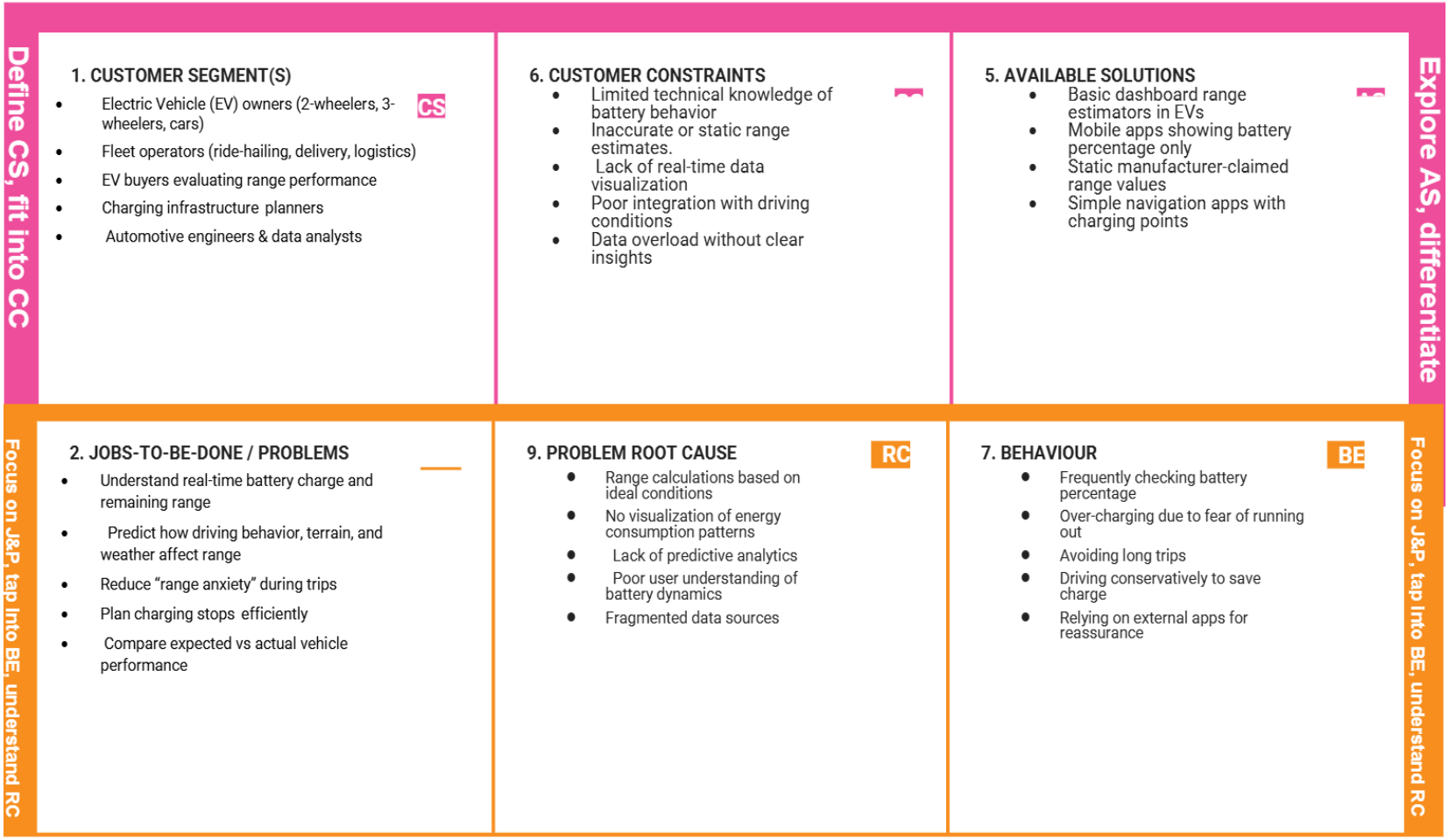

3. TRIGGERS

- Low battery warning
- Planning a long or unfamiliar trip
- Unexpected drop in remaining range
- Searching for nearby charging stations
- Comparing EV efficiency across routes or vehicles

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4. EMOTIONS: BEFORE / AFTER

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Before

- Anxiety about reaching destination
- Uncertainty and lack of trust in range estimates
- Frustration due to inaccurate predictions

After

- Confidence in trip planning
- Reduced stress while driving
- Trust in EV performance and data insights

10. YOUR SOLUTION

SL

Interactive visual dashboard showing:

- Battery charge vs distance
- Energy consumption trends
- Predicted remaining range

Real-time data integration (speed, terrain, weather)

- Route-based range forecasting
- Charging station visualization and recommendations
- User-friendly graphs, alerts, and insights

8. CHANNELS of BEHAVIOUR

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- In-vehicle infotainment system
- Mobile application (Android / iOS)
- Web dashboard for analytics
- Alerts & notifications
- Navigation and maps integration