

## **Electric Car Mobile App Enhancement v1.2**

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## **Electric Car Mobile App Enhancement v1.2**

**Project Methodology Type:** Scrum

**Project Name:** Winter Mode v1.2 - Remote Activation for Electric Cars

**Project Description/Executive Summary:**

Our electric car's current system boasts a range of winter-specific functionalities. However, users have conveyed a desire for more intuitive control over these features. While the existing mobile app offers basic functionalities such as vehicle tracking and performance monitoring, its usability regarding these winter features still needs to be improved.

Addressing this feedback, our objective is to refine and enhance the app by introducing the "Winter Mode" feature. This will enable users to activate the car's winter functions remotely, ensuring their vehicles are perfectly prepped before they even step inside. Opting for the Scrum methodology, this enhancement will be carried out in iterative sprints across an 8-week timeframe, focusing on maximizing user convenience and experience.

(PANAGIOTIS,2023)

**Project Assumptions:**

- The car's existing winter functionalities can be integrated into the app without hardware modifications.
- A stable internet connection is a prerequisite for users to utilize remote functions effectively.
- A Scrum-experienced development team is available to facilitate the upgrade.

(Erin,2023)

**Project Constraints:**

- The entire enhancement must be finalized and launched within the 8-week timeline.
- Compatibility is essential across both Android and iOS platforms.

- While focusing on the Winter Mode, the introduction of any additional features might be constrained by time. (Erin,2023)

#### **Project Stakeholder List:**

- **End Users (Car Owners):** Primary beneficiaries and crucial for iterative feedback.
- **Development Team:** Accountable for sprint-centric development and rigorous testing.
- **Product Owners:** They bridge the gap between user feedback and development, ensuring priorities align.
- **Scrum Master:** Oversees the Scrum process, ensuring the team remains efficient and motivated.
- **Marketing and Communication Team:** To promote the update and continuously garner user feedback.
- **Executive Leadership:** Their strategic oversight, final approvals, and alignment checks are pivotal for the project's success. (Ömer Berkay, 2018)

#### **Conclusion:**

Adapting to user needs is paramount in an era of relentless technological evolution. Our electric car's cutting-edge winter features underscore our commitment to innovation, but the bridge between technology and user convenience genuinely sets us apart. This app enhancement, facilitated by the Scrum methodology, is more than just an upgrade—it reflects our dedication to enhancing user experience, making state-of-the-art technology accessible right at their fingertips. By empowering our users to activate Winter Mode remotely, we are not just offering a feature; we are gifting them the assurance of a warm, ready-to-drive car amidst the chill of winter. As we embark on this 8-week journey, we envision a successful rollout that strengthens our user bond, reiterating our promise of continuous innovation tailored to their needs.

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