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## Project Background

WeGoo is an all-in-one car rental app that transforms how people rent and travel. With a simple, user-friendly interface, users can easily search, compare, and book cars from trusted rental services. The app now features OpenCV technology, which is used to improve accuracy in detecting and verifying car images, ensuring clearer listings and smoother user interactions. Designed for convenience, reliability, and innovation, WeGoo makes car renting smarter, faster, and more accessible for everyone.

## Problem Statement

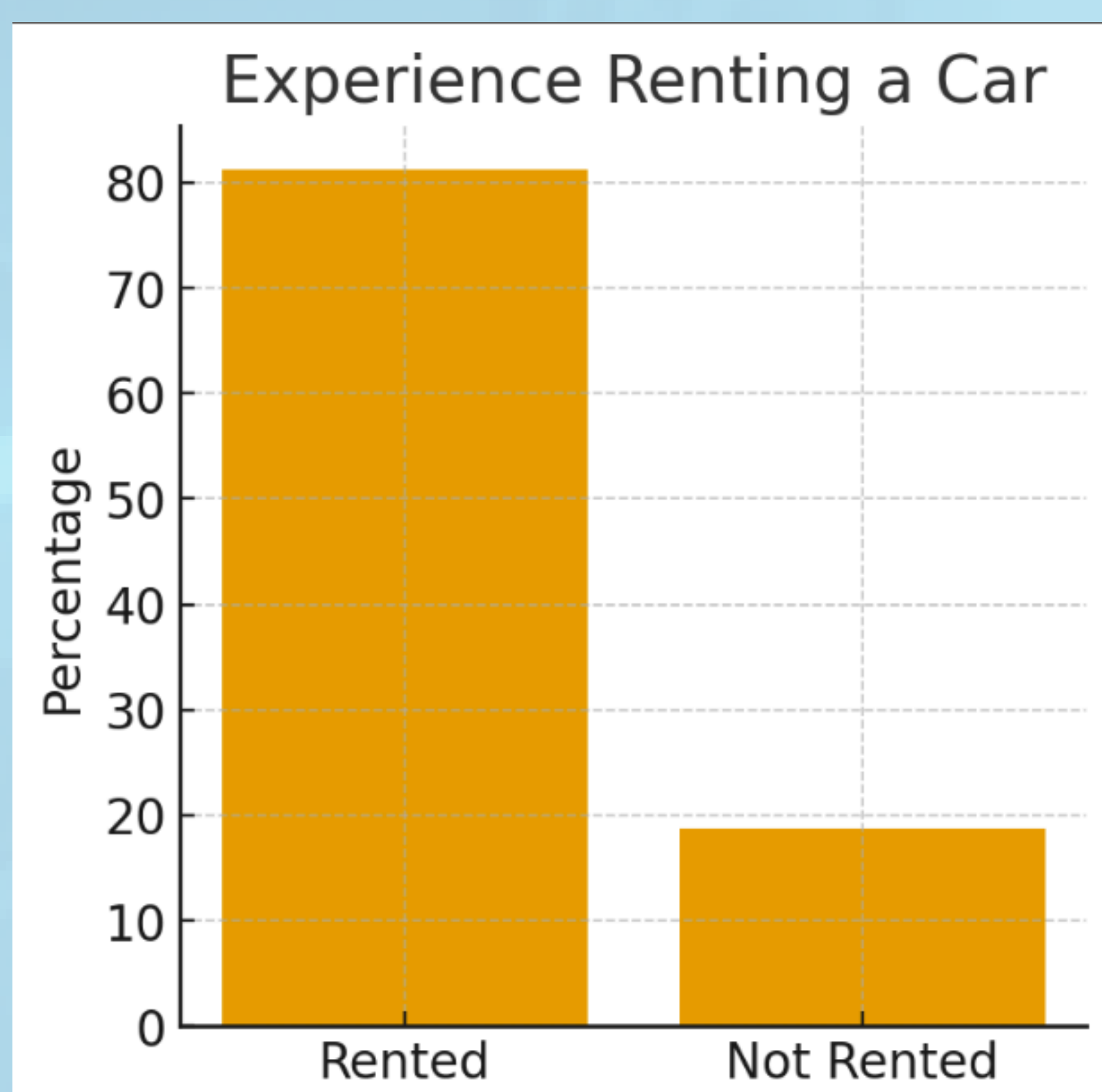
- **Lack of proper digitized mobile application:** Existing car rental system are outdated and not fully user-friendly, making it hard for users to browse, book, and manage rentals smoothly.
- **Existing system may not offer reliable booking with integrated payment features.** : Many current platforms lack a stable booking system and secure in-app payment options, causing users to face uncertainties during reservations and transactions.
- **Several apps ignore the use of advanced technologies like OpenCV to detect vehicle damages accurately.** : Most car rental apps do not integrate modern image-processing technologies, resulting in less accurate or unreliable detection of vehicle scratches and damages.

## Objectives

- **To develop a car booking and management mobile application called WeGoo.** : To focuses on creating a user-friendly app that allows users to easily book and manage car rentals.
- **To provide reliable booking, comparison, and payment features.** : To ensures users can safely compare car options, make bookings, and complete secure payments within the app.
- **To test the functionality of the application and the OpenCV scratch detection feature** : To ensure OpenCV detection features inside the WeGoo application functioning well and successfully running without any critical error.

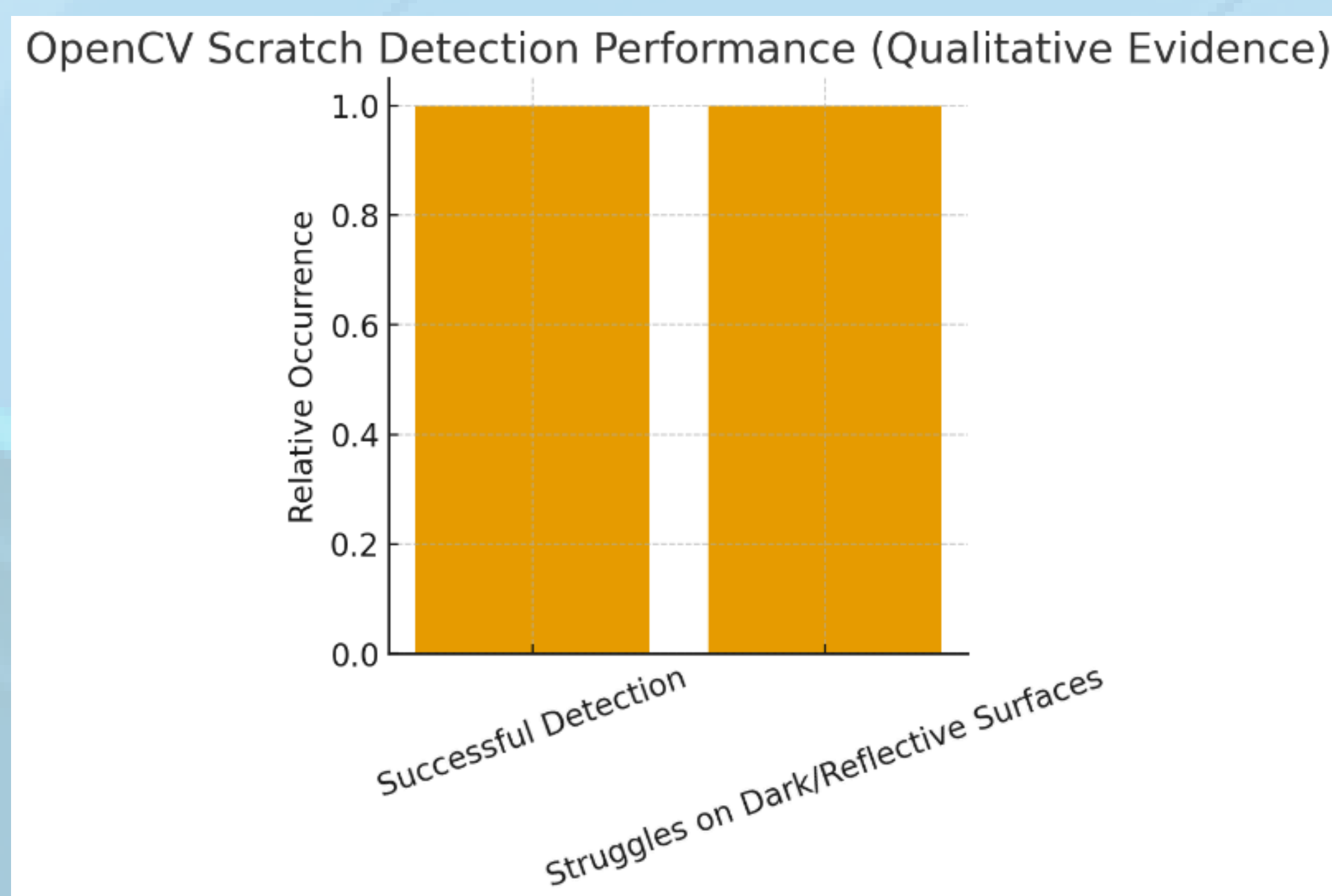


## RESULT / FINDING



The collected evidence proves the following:

- High user demand for a digital, centralized, and affordable car rental platform supports WeGoo's purpose.
- Positive reception toward OpenCV features.
- Competitors lacking scratch detection strengthens WeGoo's advantage as a more transparent and protective system for both renters and providers.
- Stakeholder interviews confirm the absence of digitized workflows, positioning WeGoo as a direct solution to a real operational gap.



Technical Advantage Evidence

- Existing apps do not implement OpenCV scratch detection, whereas WeGoo successfully integrates it for transparent vehicle condition reporting.
- Competitors like SOCAR and TREVO lack skin-deep damage detection and rely on manual checks.
- WeGoo offers a centralized system for rental providers who currently operate using non-digitized, manual processes.