SpotFinder: Simplifying Urban Parking

-Steam Spartans (Concept Category)

FAQS

Introduction:

Parking problems in urban areas are exacerbated by the growing population and limited space, leading to increased competition for parking spots. Inadequate infrastructure and a rising number of vehicles contribute to traffic congestion and frustration among residents and commuters.

Objective:

To create a smart app that resolves the issue of parking competition in urban areas.

Methodology:

The Mobile application would have two versions:

Simple Version(Free);

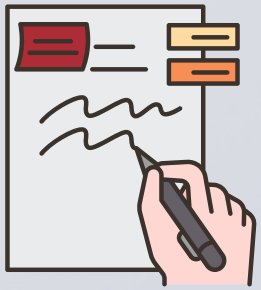
- Which would utilize an AI synthesizer to detect available parking spots relatively closest to the user's destination and instantly notify them. The surveillance footage would be acquired from commercial shops that have security cams facing public streets.
- No reserved Parking would be available
- Monetization would take place via ads from sponsors, and footage providers; giving commercial shops a benefit/reason to provide us with the footage.

Deluxe Version(Paid);

- Would also possess real-time footage synthesizing tools with no interruptions from advertisements.
- Tailored for upscale users, reserved parking spaces for a premium and hassle-free parking experience would be a key perk.
- Revenue generated via premium subscription services would go towards footage providers giving them a motive to continue providing the footage.

Hypotheses:

The implementation of the smart app with Simple and Deluxe versions would lead to a significant reduction in parking competition in urban areas; Ultimately improving overall urban mobility and reducing frustration related to parking.



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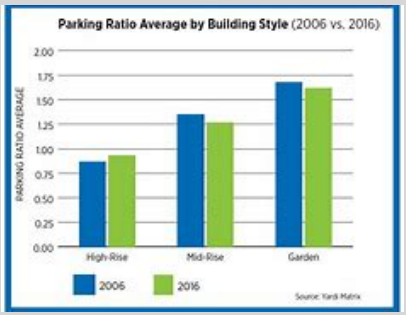
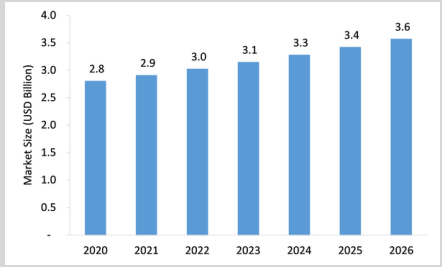


CURRENT AND ESTIMATED PARKING DEMANDS

PARKING AVAILABLITY IN 2006 VS 2016



Conclusion:

The implementation of the smart parking app is likely to lead to a more efficient and user-friendly urban mobility experience. However, potential negative impacts may include concerns related to privacy, as the app relies on surveillance footage from commercial shops, raising questions about data security and surveillance in public spaces. Balancing the benefits of improved parking with the need to address privacy issues will be crucial for the societal acceptance and success of this technology.