



SmartPark

Client: Md Maruf Ahamed

Group 17 Members: William, Zachary, Ethan, Kennedey, Mubassir, Brian

Project Overview

We are developing a cutting-edge system to manage and optimize open parking spots. Users can easily find, reserve, and pay for parking using our intuitive app.



Professional Area: Strength

Health, Safety, and Well-being

1 Revelance

2 Team Approach

3 Ethics

1) Health, Safety, and Well-being: Relevance

- Our product will be used to make parking easier
- We need to keep the safety of the users in mind
- It must be safe and not a distraction for our users while driving

2) Health, Safety, and Well-being: Team Approach

- Finding a way to keep users off their phones
- Guides the user from their home to their parking spot
- Signage to make the process simple for non-app users

3) Health, Safety, and Well-being: Ethics

- Our solution keeps users off of their phones as much as possible.
- Our solution ensures user privacy and data security.
- Our solution reduces the stress that users experience while parking.

Professional Area: Opportunities

Property Ownership

1

Relevance

2

Team Approach

3

Ethics

1) Property Ownership: Relevance

- This project feels like our project since it feels unique from other solutions
- Important to our fellow community members
- Taking everything we learned from prior classes and testing our knowledge

2) Property Ownership: Team Approach

- We are doing our best to make our client and everyone involved in this project feel included and considered
- We are making our project unique to other existing solutions

3) Property Ownership: Ethics

- Keep the personal information of our users protected
- Protect the environment

Ethical Considerations

User Privacy

Ensuring the strict protection of user data and adherence to all relevant privacy regulations throughout the project.

Sustainability

Making sure our system uses energy as needed and wastes none to maintain efficiency.

Minimizing Phone Use

Keeping users off of their phones while they are behind the wheel of their vehicle by directional guidance.