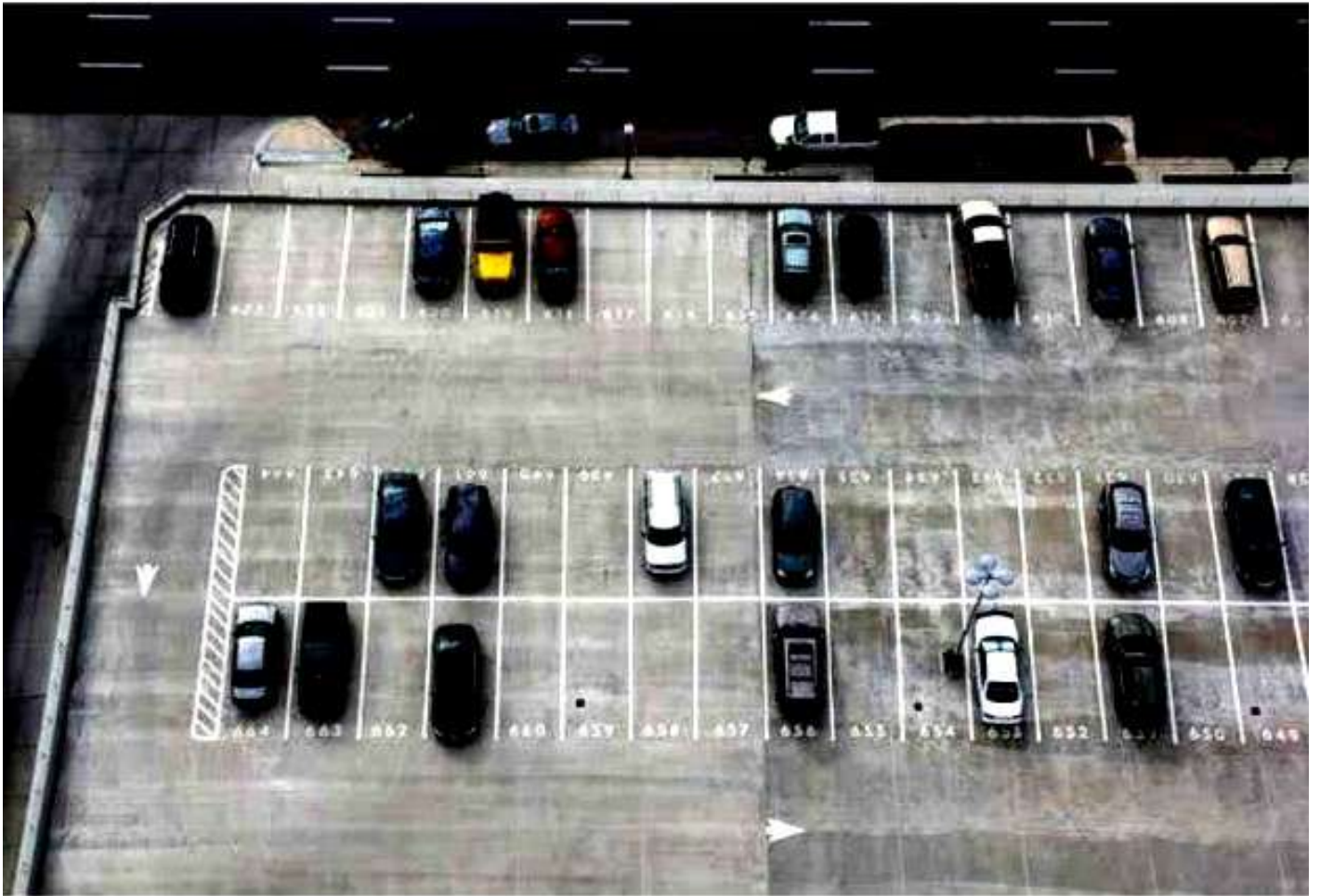


PHASE 2

Smart parking

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Department: CSE



STEP 1: TITLE

Title: "IntelliPark: A Smart Parking Innovation"

Subtitle: Solving Urban Parking Challenges

STEP 2: Problem Statement

Problem: Urban parking challenges

Impact: Congestion, wasted time, environmental issues

STEP 3: Background Information

Urbanization statistics

Vehicle growth trends

STEP 4: Problem Analysis

Limited parking spaces

Inefficient use of infrastructure

Traffic congestion

STEP 5: Stakeholder Analysis

Drivers

City authorities

Parking facility operators

Environmentalists

Urban planners

STEP 6: Proposed Solution

Components of IntelliPark:

Smart Parking Sensors

Mobile Application

Data Analytics

IoT Connectivity

Payment Integration

Navigation Integration

STEP 7: IntelliPark Components

Visual representation of the components

STEP 8: Implementation Plan

Step-by-step plan:

Sensor installation

Mobile app development

Data analytics infrastructure

IoT connectivity

Payment and navigation integration

Testing and optimization

Public awareness

STEP 9: Monitoring and Evaluation

Metrics for success:

Real-time parking data

User feedback

Traffic data

STEP 10: Budget and Resources

Initial investment

Operational costs

Collaboration costs

STEP 11: Conclusion

The impact of IntelliPark

Benefits for cities and drivers

STEP 12: Future Developments

Potential for expansion

Future innovations

STEP 13: Q&A

Open the floor for questions and discussion

STEP 14: Thank you

The History of Smart Parking

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