

YOUR SPOT, RESERVED FOR THE BIG DAY

BYTE ME TECH

CIS 5900-01

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Park Me



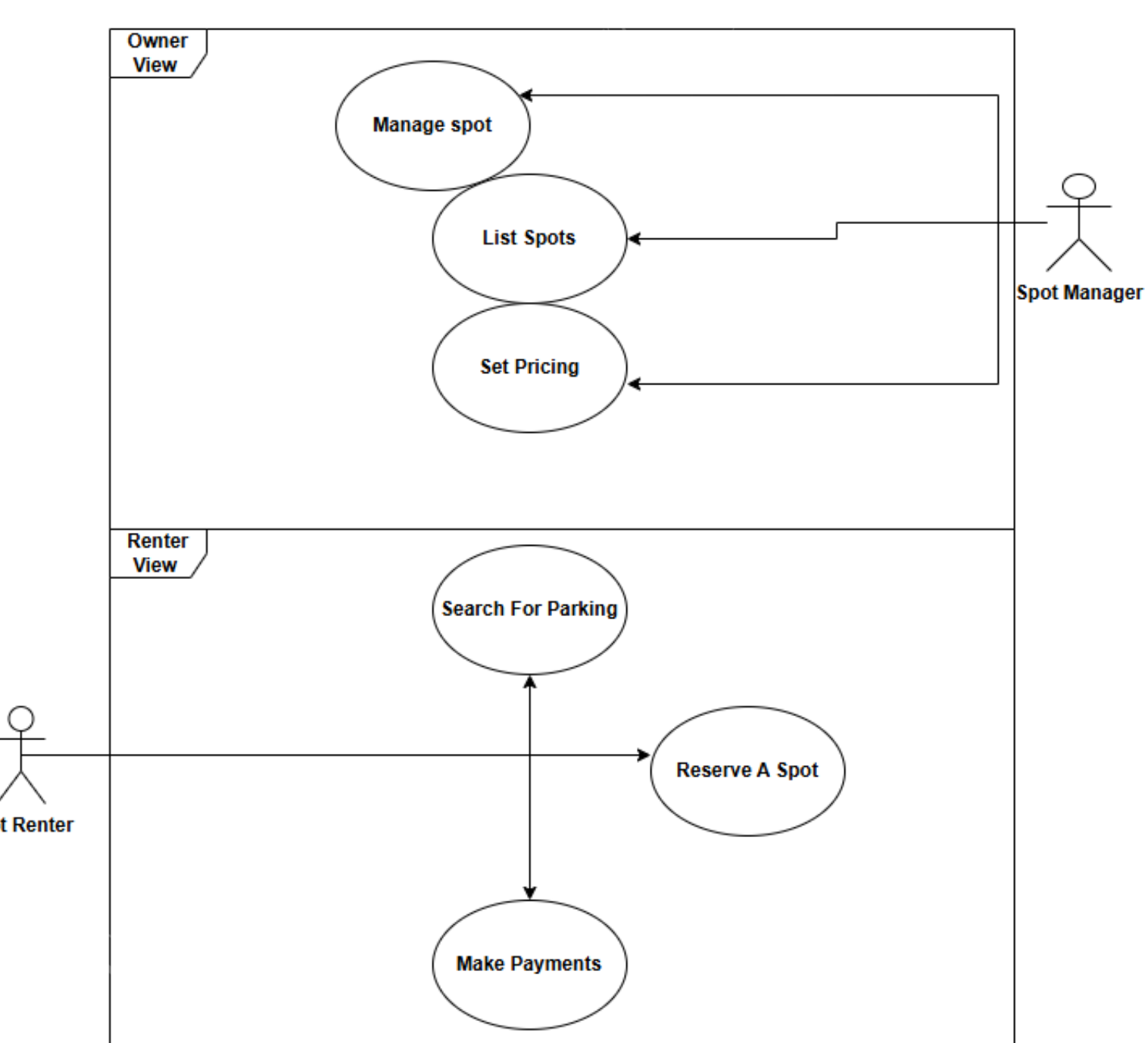
AGENDA

- Introduction
- Use Case Diagram
- Process Diagram
- Web Prototype/Mobile Prototype
- Risk Assessment Metrics
- Gantt Chart
- Legality
- Summary
- Conclusion

INTRODUCTION

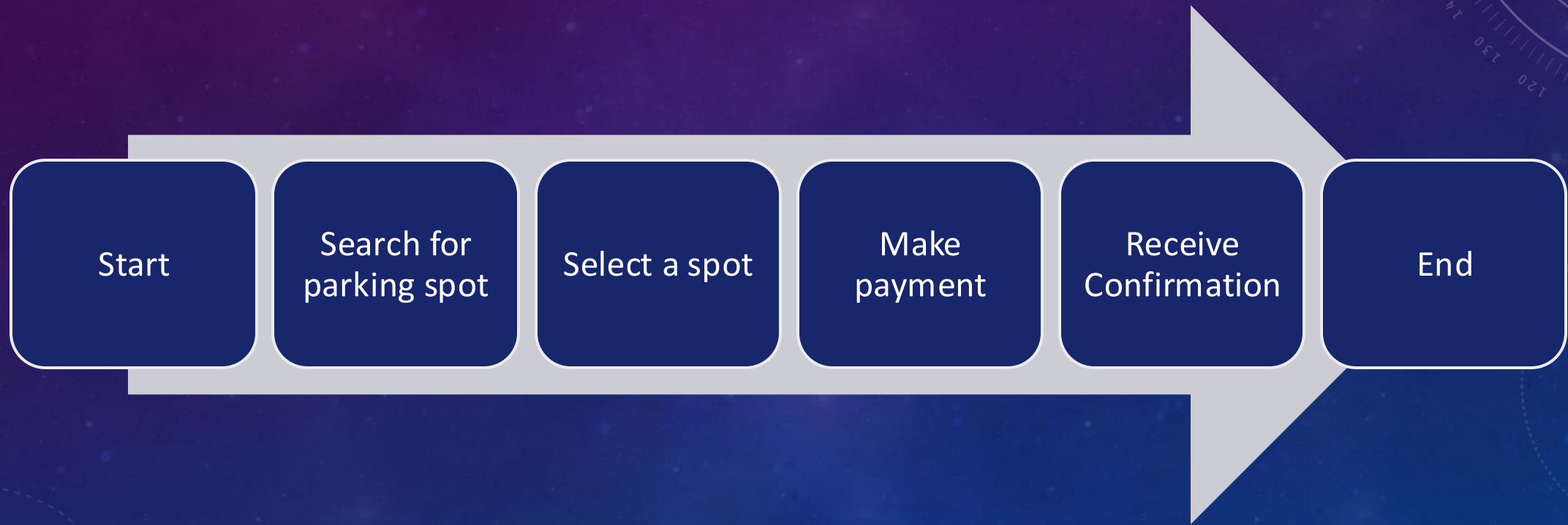
- Our project aims to tackle LA's parking challenges with a simple, yet powerful mobile app designed to transform the way people find parking in the city and people's homes. Using real-time mapping technology, our app will guide users to nearby free, street, or paid parking spots, making the process faster and less stressful. Instead of endlessly circling crowded streets, drivers will have a smooth and efficient experience, with turn-by-turn navigation leading them directly to available spaces





USE CASE DIAGRAM

PROCESS DIAGRAM



Welcome to Park Me



Rent parking spaces near you with ease. Ideal for events, commuting, and everyday needs.

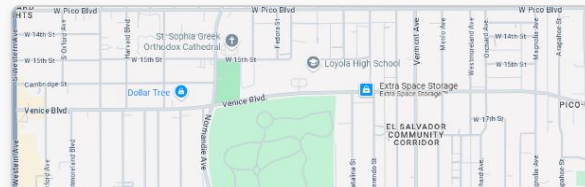
Find Parking

About Us

ParkShare is a platform designed to connect homeowners with available parking spaces to drivers looking for convenient parking. Whether you're heading to an event, working downtown, or just need a space nearby, we've got you covered.

Find a Parking Spot

Explore parking spots near your destination with our map.



WEB PROTOTYPE

WEB/MOBILE PROTOTYPE

- [PROTOTYPE LINK](#)

RISK ASSESMENT MATRIX

Likelihood and Impact Ratings

- **Likelihood:** Rare (1), Unlikely (2), Possible (3), Likely (4), Almost Certain (5)
- **Impact:** Insignificant (1), Minor (2), Moderate (3), Major (4), Catastrophic (5)

Risk Categories

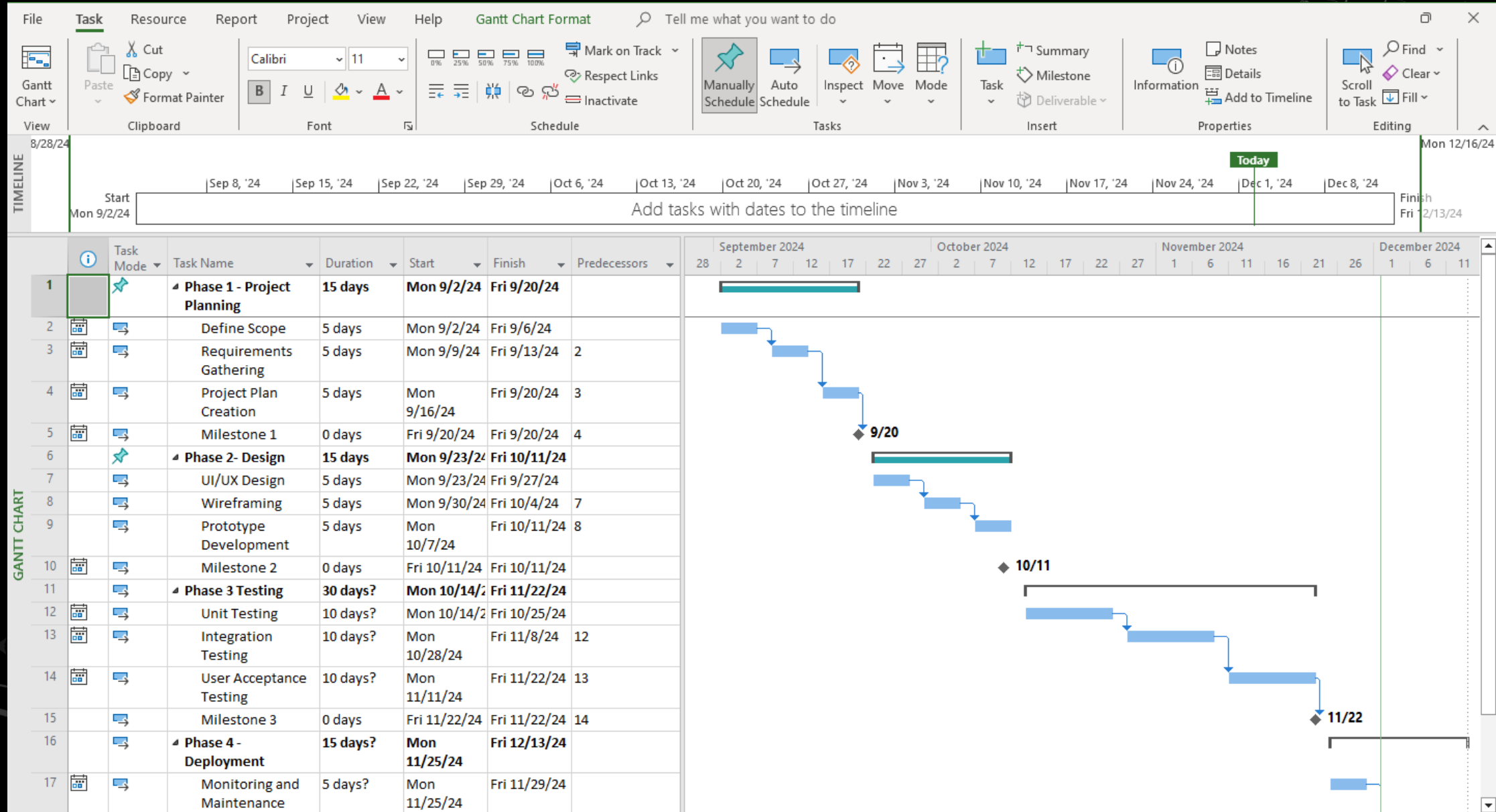
1. **Technical Risks**
2. **Operational Risks**
3. **Security Risks**
4. **User Experience Risks**
5. **Compliance Risks**

Risk	Category	Description	Likelihood	Impact	Risk Level (L x I)	Mitigation Strategies
Server Downtime	Technical	App becomes unavailable due to server issues	3	4	12	Implement redundant servers and failover mechanisms
Data Breach	Security	User data is compromised by malicious actors	2	5	10	Use encryption, regular security audits, and monitoring
GPS	Technical	Incorrect	4	3	12	Use multiple

RISK ASSESSMENT MATRIX

Legal Non-compliance	Compliance	Failure to comply with local regulations and laws	2	4	8	Regularly review and update compliance policies
Network Issues	Technical	App performance is affected by poor network connectivity	4	2	8	Optimize app for low-bandwidth usage and offline mode
User Data Privacy	Security	Inadequate privacy controls leading to misuse of user data	3	4	12	Implement strong privacy policies and user controls
Payment Processing Failures	Operational	Users unable to pay for parking due to payment gateway issues	3	3	9	Integrate multiple payment gateways and monitor
Negative Reviews	User Experience	Poor reviews impacting app reputation and downloads	3	3	9	Continuous innovation and marketing efforts

GNATT CHART



LOCAL COMPLIANCE

Parking Regulations

- Local Ordinances
- Accessible Parking

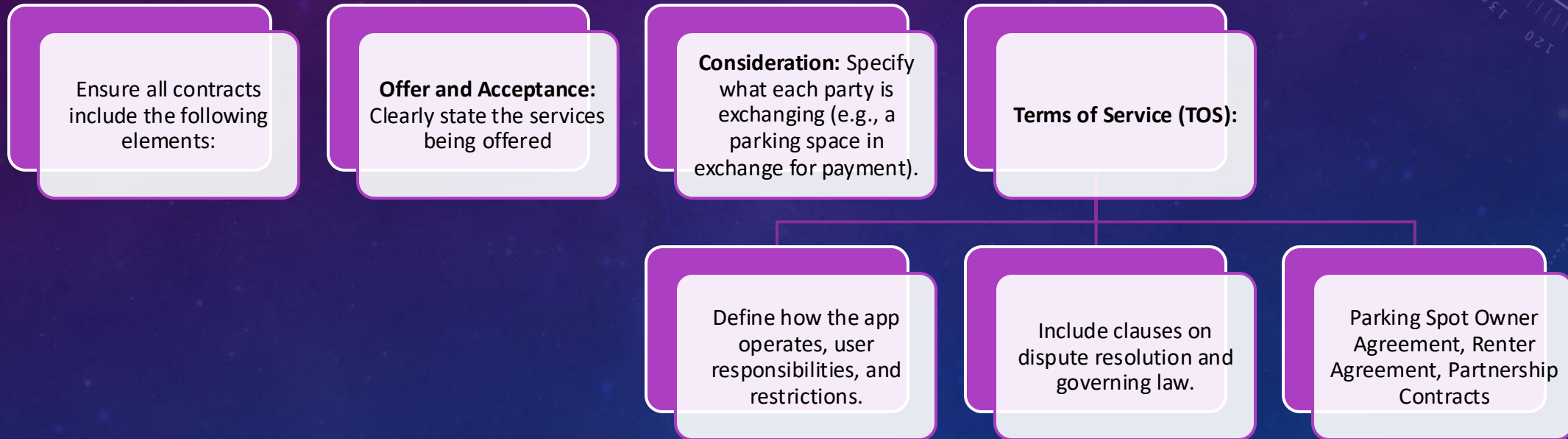
Privacy and Data Protection:

- California Consumer Privacy Act (CCPA)
- California Online Privacy Protection Act (CalOPPA)
- Data Security

Consumer Rights and Transparency:

- Consumer Rights and Transparency:
- User Consent:

CONTRACTING



OTHER LEGAL CONSIDERATIONS

Liability: Clearly state your app's liability in case of parking violations or towing.

Ensure the app complies with the Americans with Disabilities Act (ADA).

Payment and Tax Obligations

Intellectual Property

Dispute Resolution Mechanisms

User Agreements and Liability

HOW OUR APP BENEFITS CITIES AND STANDS OUT

Our goal: To create an application that compressively attacked the parking problems that we face in Los Angeles county.



Benefits for Cities:

We will Alleviate traffic congestion during large events by dispersing cars across the city.

Reduce strains on public infrastructure and minimize bottlenecks.

Can encourage combining parking with public transit options.

Will provide valuable parking data for urban planning and infrastructure development.



CNTD: HOW OUR APP BENEFITS CITIES AND STANDS OUT

Comparison with Existing Apps:

- **ParkMobile & Just Park:**
 - Focus on daily/long-term parking, not event-specific needs.
 - Limited prioritization of high-demand events or dynamic pricing.
- **Our App:**
 - Focuses on temporary, event-based parking (e.g., concerts, games, conventions).
 - Allows advance spot reservations and dynamic pricing.
- **Unique Selling Points:**
 - Localized, event-driven services tailored to high-demand markets.
 - Features like real-time availability, dynamic pricing, reserved spots, valet, and shuttles.
 - Builds trust with safety and security measures (verification and insurance).
 - Optimizes benefits for both drivers and property owners.



CONCLUSION

- In conclusion, our innovative mobile app addresses the chronic parking challenges in Los Angeles by providing a seamless, user-friendly solution for finding and reserving parking spots. By leveraging real-time data and a marketplace model, the app not only reduces the time and stress associated with parking but also decreases traffic congestion and pollution. This dual benefit of enhancing convenience for drivers and creating income opportunities for parking space owners significantly improves the overall urban experience in Los Angeles. Our app represents a comprehensive and practical approach to transforming parking in the city, making it easier and more efficient for everyone.



THANK YOU