

4. RESULTS & DISCUSSION

The system was evaluated based on functionality, usability, and performance. Key findings include:

Functionality: All features, including real-time slot availability, booking, and payment, functioned as intended.

Usability: User feedback indicated a positive experience with the application's interface and ease of use.

Performance: The application demonstrated efficient performance with minimal latency in slot updates and payment processing.

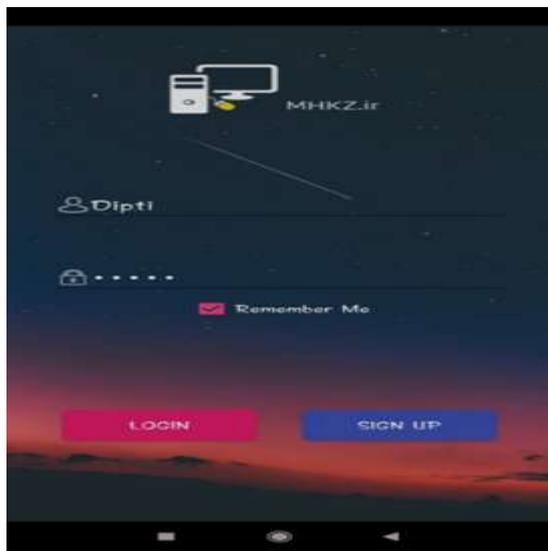


Fig 2-login page



Fig 3- Available location

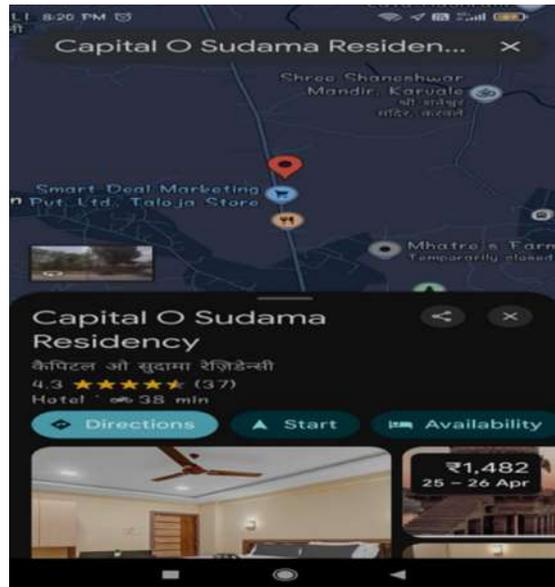


Fig 4- google map

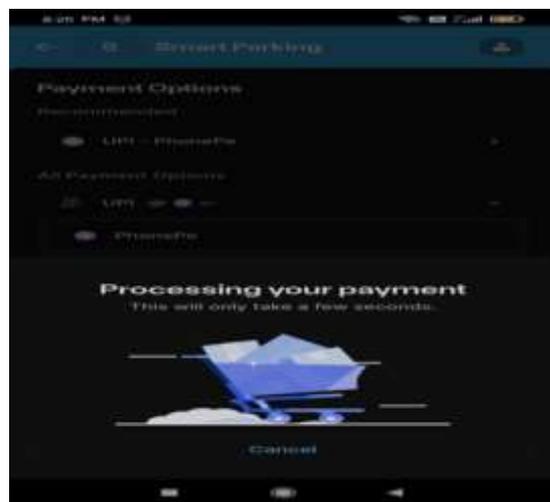


Fig 5- payment processing



Fig 6 - payment successful

5. CONCLUSIONS

This integrated smart parking solution mobile application to deliver real-time, user-friendly, and efficient parking services in urban environments. It builds upon and improves earlier systems by synchronizing booking features and navigation.

Thus, we proposed and implemented an app-based parking system which facilitates the user to book a parking slot in order to ensure consistency. At last, the online payment option eliminates the need for human intervention and making the system automated in real sense. Also, the proposed system is very economical and easy to implement as it does not involve any expensive hardware or devices.

6. FUTURE SCOPE

The proposed Smart Parking System demonstrates strong potential for further enhancements and scalability. With evolving technologies and urban mobility demands, the system can be extended in the following ways:

We are further going to make an IoT Model to enhanced our project and further going to connect with our android application to make fully functional project.

REFERENCES

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