SpaceXchange

Rent private parking spots

Upload your own parking spot

Navigate to the spot with one tap
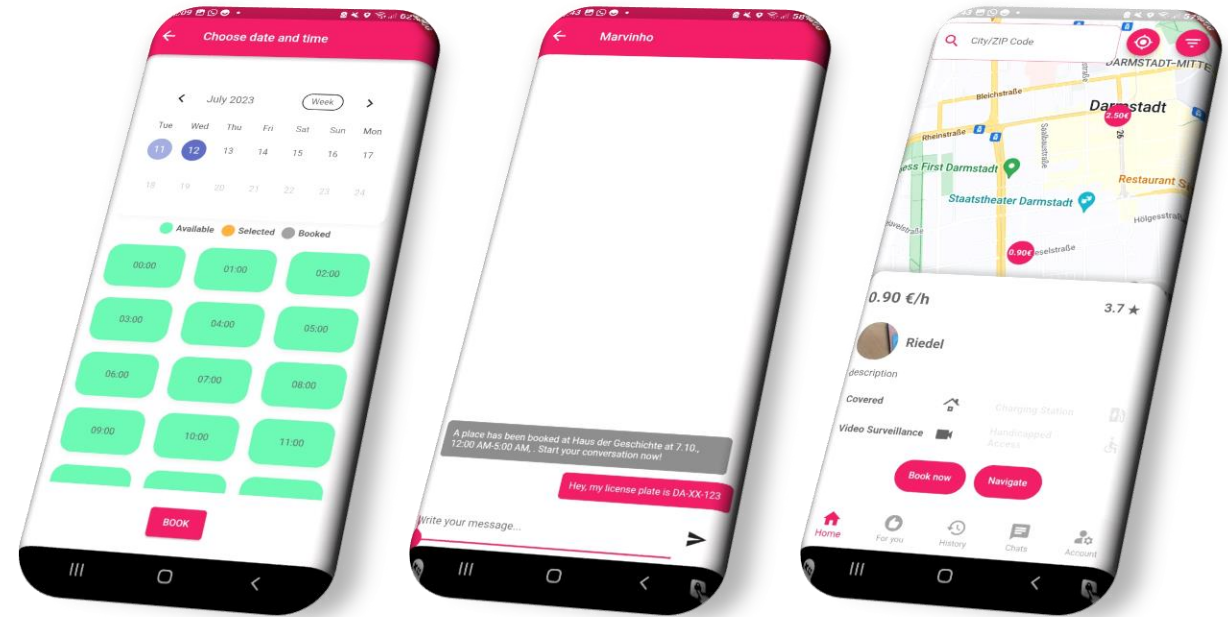
Tech Stack

Time for a demonstration

Opportunities for Improvement

- Manage your chats

- Change the availability for your own parking spot

- Edit own parking spots

- Reccuring bookings

Features

Mandatory Features:

- P2P: book a parking spot and upload your own parking spot

- Filter for specific features

- Reputation with ratings and reviews

- Recommendations according to your personal preferences

- Notification for the parking spot owner if their spot was booked and for incoming chat messages

- Security acquired with Firebase rules for accessing data

Extra Features:

- Chat with the parking spot owner

- Payment with PayPal

- Booking History

- Navigation to the parking spot

Testing

Linting

Verifying the building correctness of the app

Unit tests:
- Verify individual functions, methods or classes
- Use Mockito framework for reliable testing

Integration tests:
- Sign up and deletion of an account
- Creation and deletion of a parking spot