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AT&T

Bookme (Book My Room)

Mentoring Firm: AT&T Global Network Services Slovakia, s.r.o
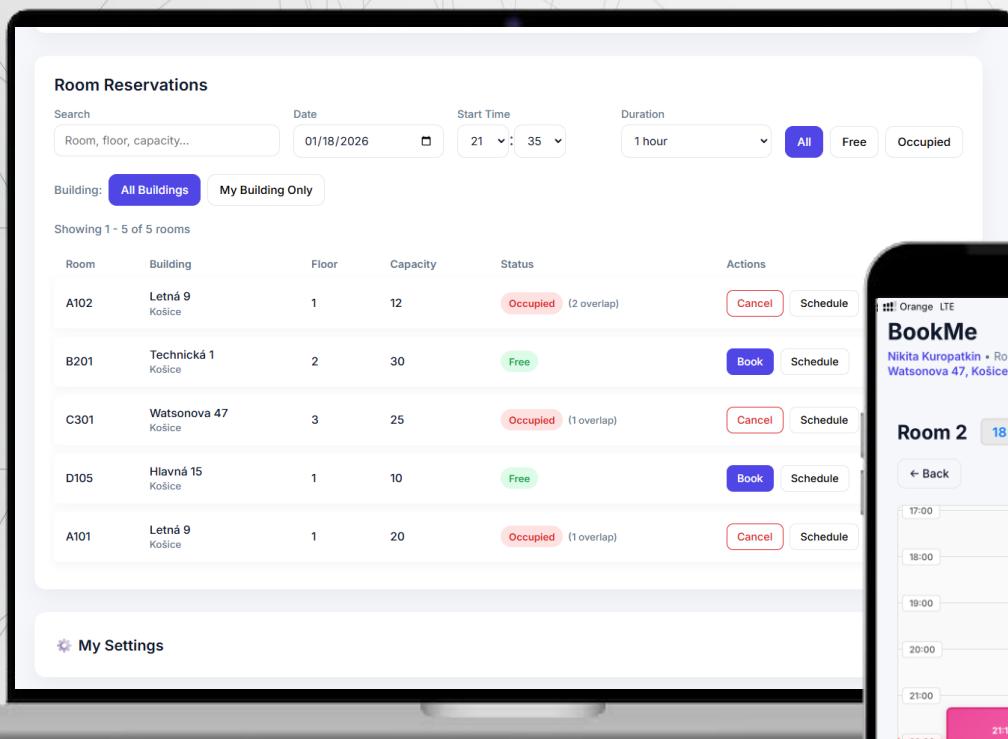
Team: Nikita Kuropatkin, Karolina Polackova, Nikodem Simonak, Juraj Pjescak, Tibor Olearnik

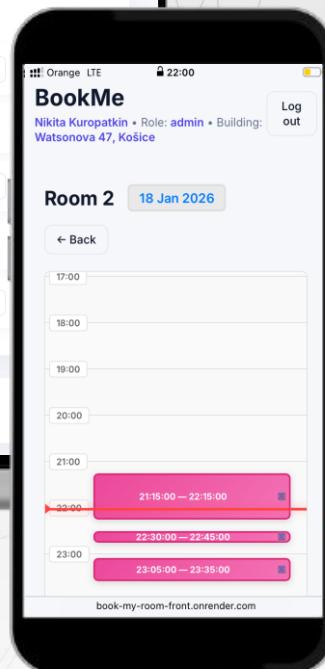**Mentors From Firm :** Tomas Vala, Ondrej Licak, Martin Sujan

Mentor From University: doc. Ing. Stanislav Ondas, PhD.
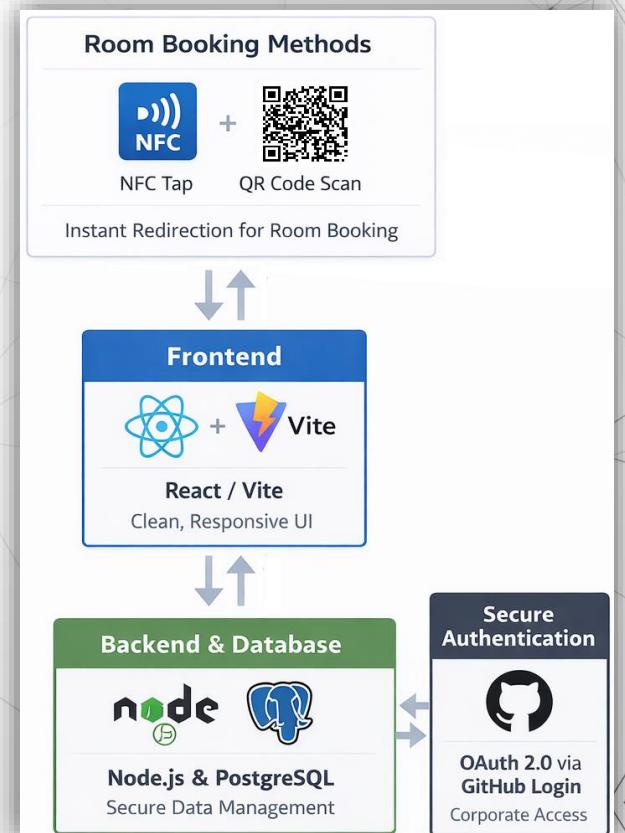
Problem & Goal

- **The Issue**: Old systems cause meeting overlaps and wasted time.
- **Pain Points:** No mobile access, timezone errors, and no way to book on the spot.
- **The Goal:** A fast, secure web app for instant room booking with NFC/QR integration.

Architecture

Room Booking Methods

NFC Tap + QR Code Scan

Instant Redirection for Room Booking

Frontend

React + Vite

Clean, Responsive UI

Backend & Database

Node.js & PostgreSQL

Secure Data Management

Secure Authentication

OAuth 2.0 via GitHub Login

Corporate Access

Key Features

Roles:
- **Admin:** Manage rooms, users, and all bookings.
- **Employee:** Book rooms and manage personal schedules.
- **Viewer:** Check real-time room availability.

On-Spot Booking: Scan QR/NFC next to any door for instant access.

Smart Search: Filter rooms by building, name, or address.

Evaluation & Status

Current Status: Fully functional MVP currently undergoing live corporate testing.

Impact: Eliminates scheduling errors and significantly speeds up the booking process.

Client Feedback: "The MVP has met our expectations; it is currently being adapted to our environment with further development planned." - Mentors at AT&T

LIVE IT PROJECTS

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