Bookrooms

Innopolis University Room Booking System

Our Team

Ismagil Iskakov (Lead) - Frontend/Design/3D modeling

Mikhail Gladyshev - Backend/Database

Alexander Sevastyanov - Frontend

Vladislav Kishkovskiy - Backend

Said Nurullin - Reports/3D modelling

Matvey Platonov - Frontend

Aleksandr Ryabov - Frontend/3D graphics

The Problem

Current room booking service is inefficient:

  * Time-consuming booking process

  * Difficulty finding available rooms

  * Lack of user-friendly interface

  * Limited information and features
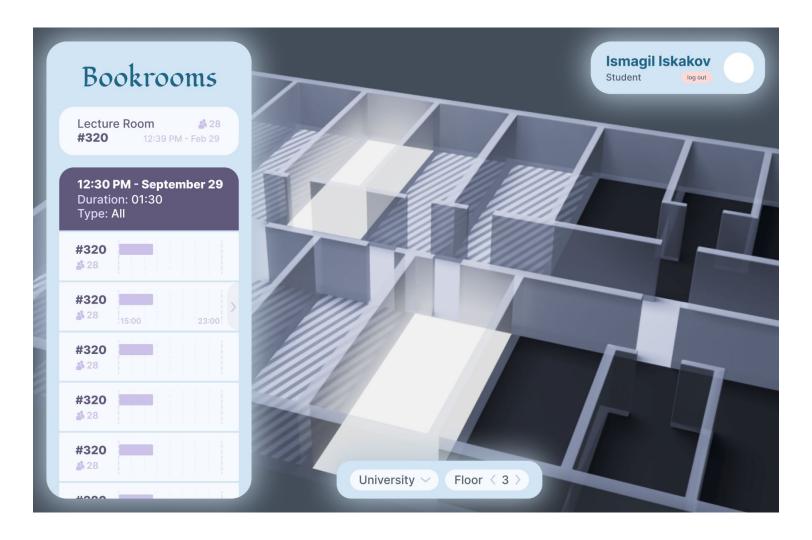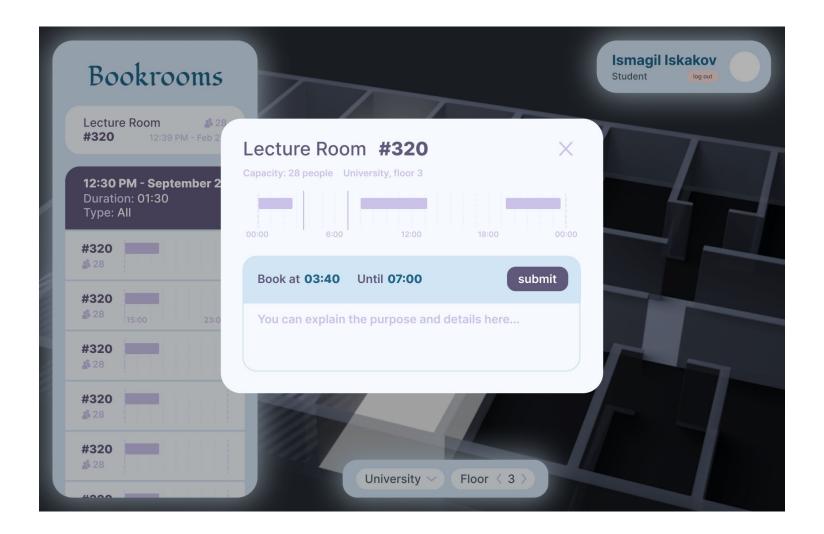
Our Solution

We developed a better system

  * Real-time room availability checking

  * Specific room booking with ease

  * Interactive 3D campus model for navigation

  * User friendly booking management (insert, update, delete)

Key Features & Benefits

* Fast and efficient room search

* Intuitive user interface

* Improved visibility of room availability

* Enhanced user experience with 3D visualization

Bookrooms

Lecture Room   👥 28
#320   12:39 PM - Feb 29

12:30 PM - September 29
Duration: 01:30
Type: All

#320 ▬▬▬
👥 28

#320 ▬▬▬
👥 28   15:00   23:00

#320 ▬▬▬
👥 28

#320 ▬▬▬
👥 28

#320 ▬▬▬
👥 28

University ⌄   Floor ‹ 3 ›

Bookrooms

Lecture Room **28**
#320   12:39 PM - Feb 2

12:30 PM - September 2
Duration: 01:30
Type: All

#320
28

#320
28   15:00   23:0

#320
28

#320
28

#320
28

Lecture Room **#320**   ✕

Capacity: 28 people   University, floor 3

00:00   6:00   12:00   18:00   00:00

Book at **03:40**   Until **07:00**   **submit**

You can explain the purpose and details here...

University ⌄   Floor ‹ 3 ›

Demo

Technology Stack

* Frontend: Vite & Svelte

* 3D Graphics: Three.js library

* Backend: Go

* Database: PostgreSQL

Roadmap & Future Plans

* Phase 1: Enhancements & Additional Features (Calendar export, notifications, user feedback integration)

* Phase 2: Expansion & Optimization (Integration with university systems, performance optimization, mobile version/app development, advanced account management)

Acknowledgements

Q&A