



EZvenues

Venue Booking Application

Prepared by:



Who Are We ?

- EZ Peazy Solutions: Dynamic software solutions company
- Specialized in solving real-life business challenges
- Expert team of innovative, dedicated developers

What Do We Do ?

- Deliver state-of-the-art app solutions
- Simplify processes, reduce inefficiencies
- Focus on solving venue booking frustrations

Why Our App?

- Eliminates double bookings and administrative burdens
- Seamless, user-friendly scheduling
- Robust enough to handle high demand

The Bottom Line

- EZ Peazy makes booking venues easy peazy
- Streamline your bookings, save time, and avoid frustration



Short-term Benefits:

01

Streamlined Venue Booking Process

02

Enhanced User Experience

03

Reduction of Administrative Workload

04

Immediate Data Availability

05

Improved Coordination Between Faculties

Long-term Benefits:

01

Optimized Resource Utilization

02

Cost Reduction

03

Improved Communication and Coordination

04

Enhanced User Satisfaction and Engagement

05

Scalability and Adaptability

Highlights of our project



The Magic of the Algorithm:

One of our biggest achievements was developing a real-time conflict detection system, which after countless iterations, worked flawlessly during final testing, preventing booking conflicts with impressive efficiency.

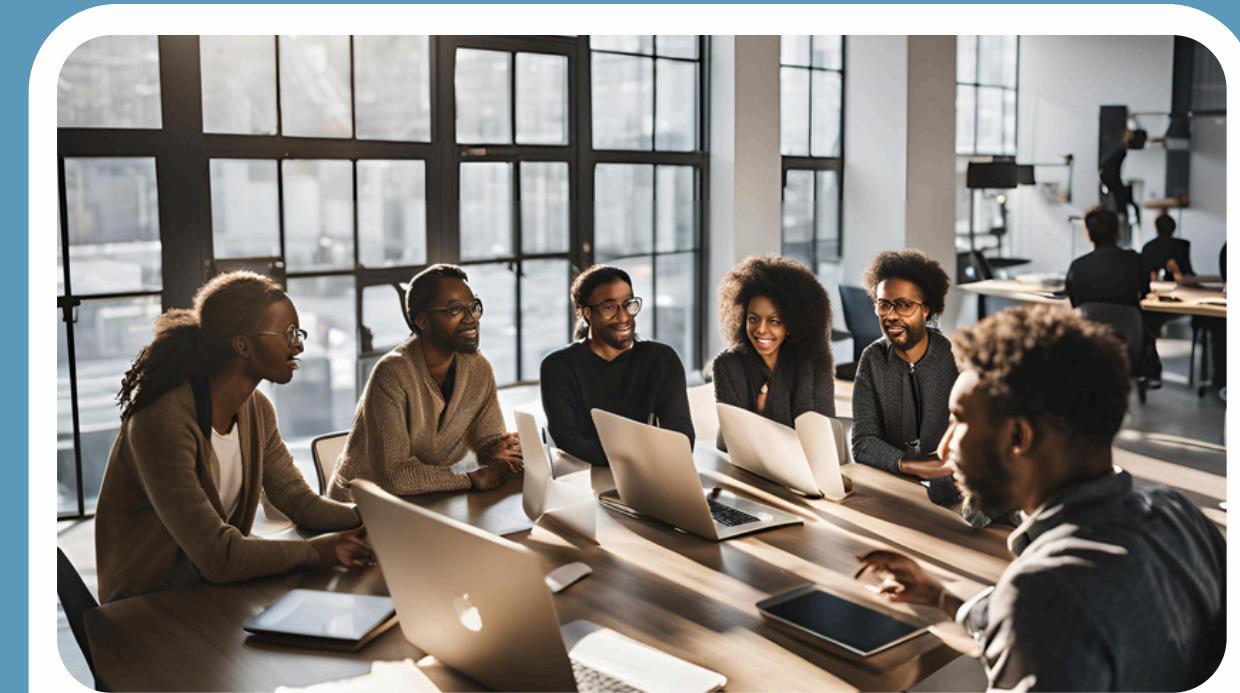
"When you need to innovate, you need collaboration."

- Marissa Mayer

UIT.AI | The smartest document collaboration for teams

Collaboration at Its Best:

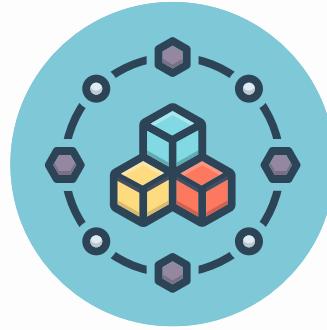
By redesigning the user dashboard based on user feedback, we created a more intuitive interface, and seeing a student book a venue effortlessly in under a minute confirmed the success of our approach.



Bugs, Breakthroughs and Banter:

Throughout the project, we turned challenges into learning opportunities, with each bug leading to breakthroughs, ultimately growing as both a team and as developers while enjoying the entire journey.

Lowlights and lessons learnt



Modular Testing System

Integration testing revealed conflicts between interdependent features. We introduced a **modular testing system** to resolve this, allowing features to be tested independently, ensuring smooth functionality and improving the app's stability .



Testing Blues

A few bugs threw us off at times, but we stayed determined. We adopted the "**fail fast, fix faster**" mindset. By identifying issues early on and learning from them, we could refine the system continuously.



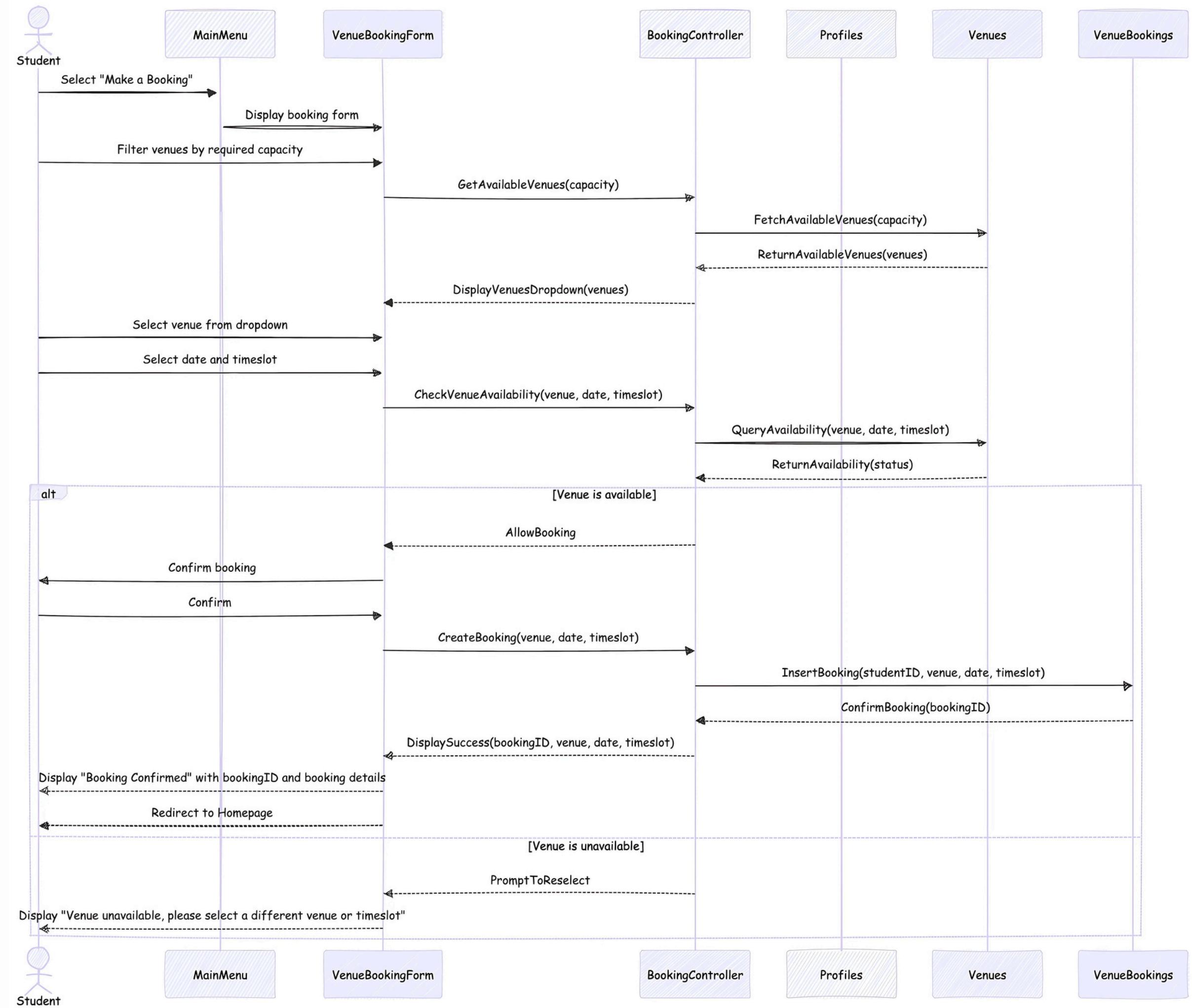
The Loadshedding Debacle

Eskom taught us an valuable lesson after some unexpected loadshedding:
Always have an automatic save system in place, especially when Eskom's involved!

Use Case

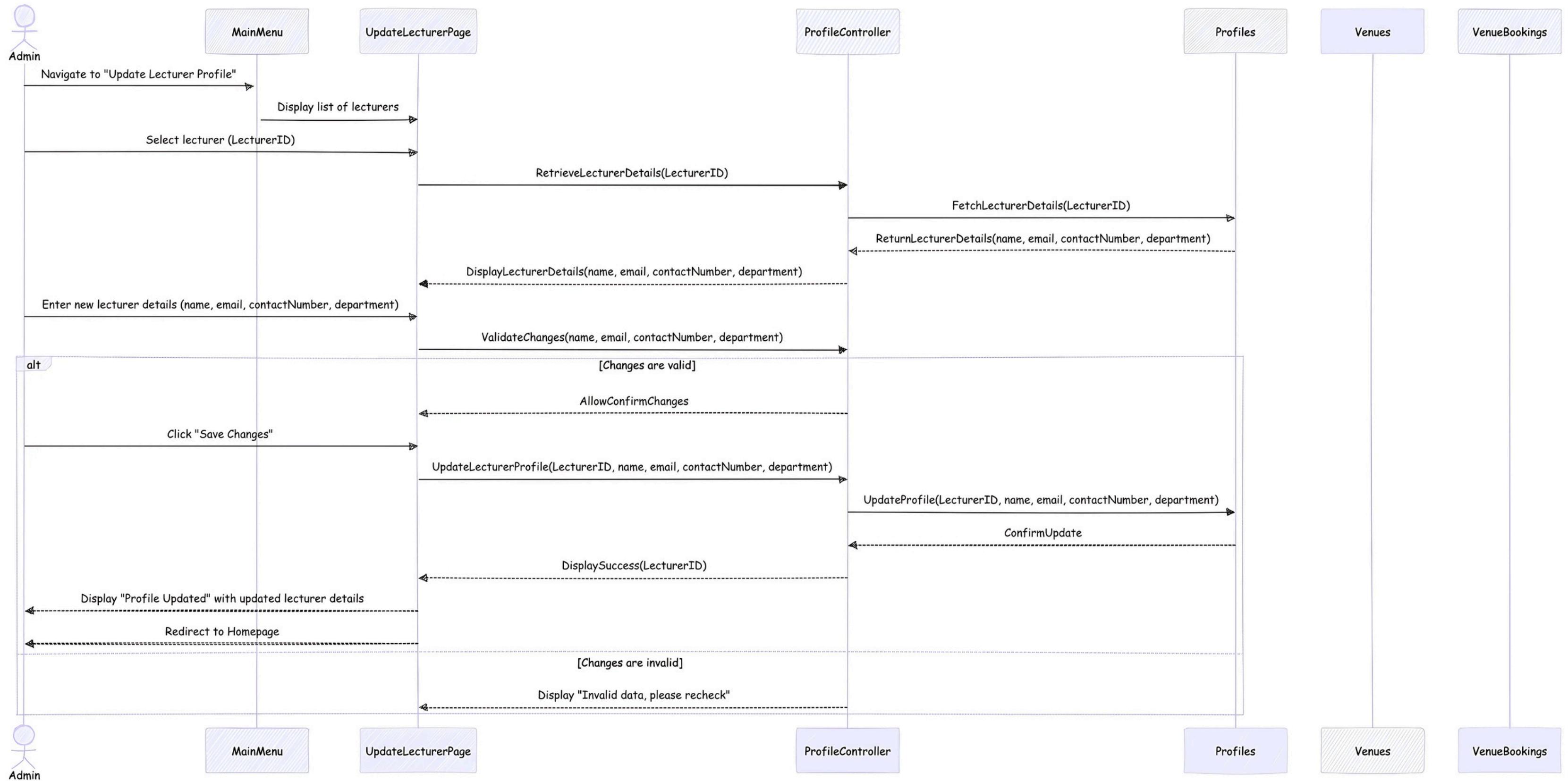
Realization

Student creates a booking

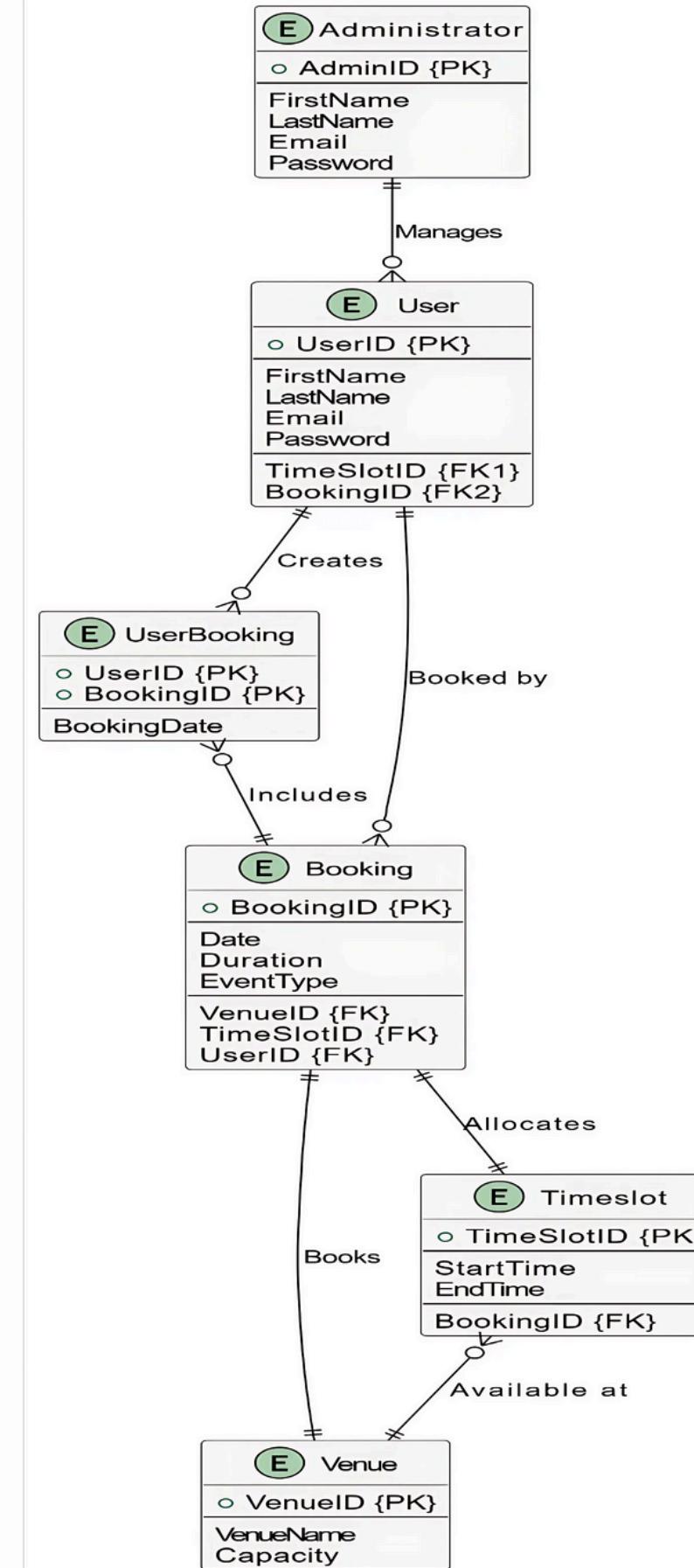


Use Case Realization

Admin updates lecturer profile



Entity Relationship Diagram



THANK YOU!



The EZ Peazy Solutions Team:

Abdullah Ali – Project Manager / CEO

Mikaeel Suffla – Solutions Architect

Mohammed Bangie – Frontend Developer

Raeesa Lorgat – Backend Engineer

Ismaael Shaikh Ebrahim – Snr. Full-stack Developer

Mohammed Essof – Systems Analyst

