

The background features a complex, abstract design. On the right side, there is a vertical band of green with a pattern of overlapping, semi-transparent geometric shapes. The rest of the background is a light gray with a pattern of colorful, irregular shapes in shades of purple, green, orange, and teal. Some of these shapes have a white outline, giving them a cut-out or layered appearance. The overall effect is a vibrant, modern, and artistic backdrop.

Lizzy Autos

Car Sales System

Agenda

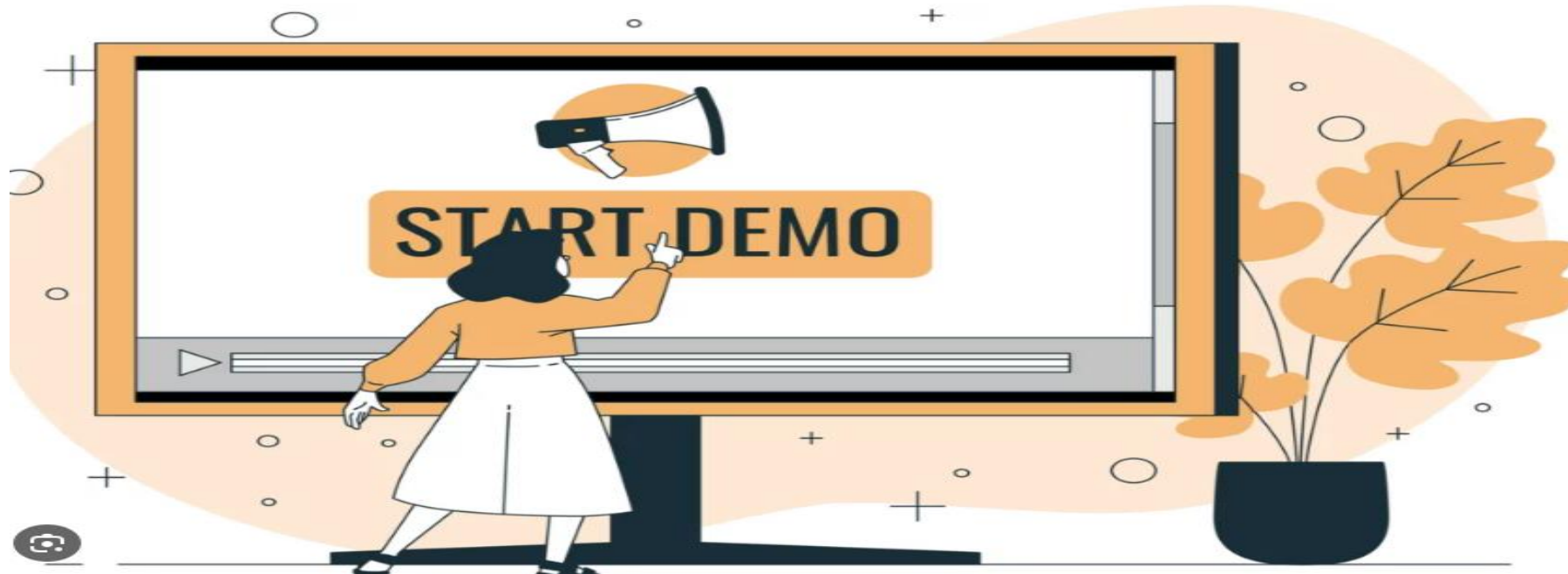
- ▶ Overview and Background
 - ▶ Demo
- ▶ Technical Architecture
 - ▶ Wire frame
- ▶ Technical Challenges
 - ▶ Lessons Learned
- ▶ Future Improvements
 - ▶ Q & A

Overview and Background

Lizzy Autos is a car sales system where customers check to see the car they like buy to print a receipt, then come to the dealership for payment and pickup. It has 4 main models (car, customer, sales representative, invoice) designed with unidirectional relationship, and an additional model for users and Role.

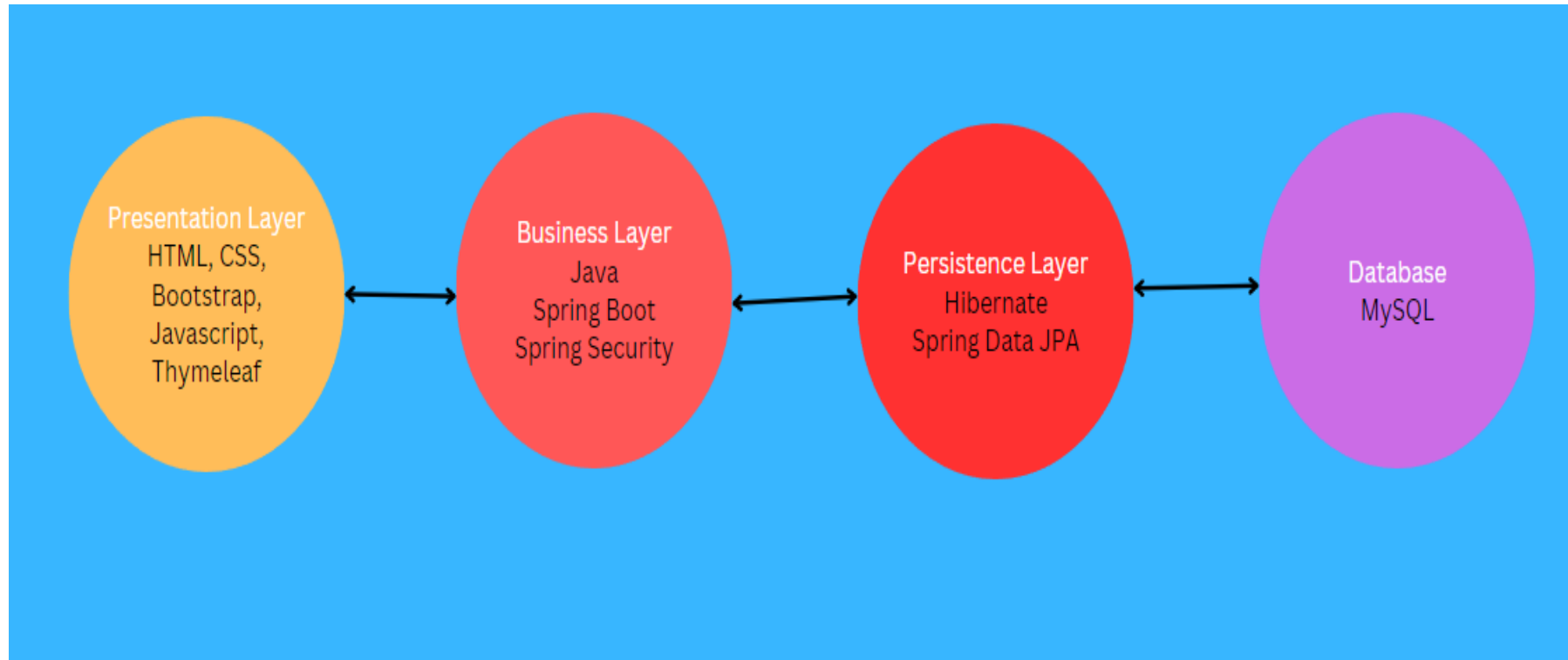
Lizzy Autos

DEMO



Technical Architecture

Lizzy Autos



Wire Frame

<https://github.com/kenkwoelizabeth/elizabeth-kenkwo-CarSales/blob/main/doc/Lizzy-autos-wireframe.pdf>



Technical Challenges

Spring security: Ran into issues where I thought I was having a bug unbeknownst to me just little adjustment needed in the security configuration file.

Thyme leaf: You have to be meticulous to handle your mappings in Thyme leaf, had issues template parsing was a problem due to syntax error.

CSS: Styling refuse to work in one of my template due to spring security, I had to fall back to inline CSS for just that one file.

Lessons Learned

One important lesson I learnt is that you have to put in so much effort and time to achieve something unique.



Future Improvements

- ▶ Creating a payment page for cars.
- ▶ Having detailed pictures of the cars.
- ▶ Create buttons for their relationship



Question and Answer