

Online Self Service for Office of Elevator Safety Incident Reporting

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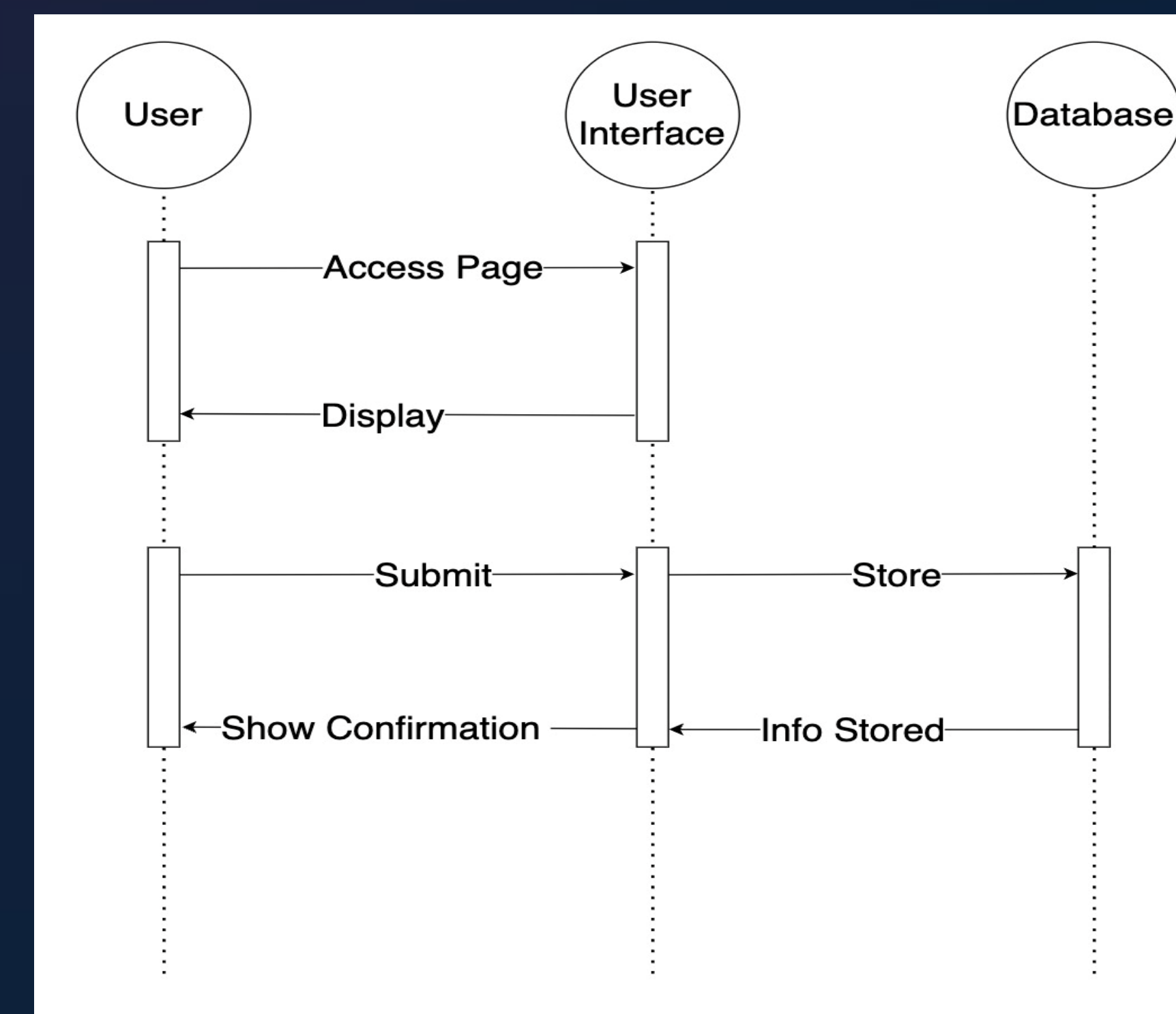
Mentor: Veguilla Carlos, Senior Software Developer

Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

PROBLEM

Online Self Service for Office of Elevator Safety Incident Reporting- This project was developed to allow reporting of any incidents, complaints, accidents, etc. related to Elevators, escalators, Moving walkways, etc. under Miami Dade county's jurisdiction. This project also entails Analytics/reporting of the collected data

CURRENT SYSTEM

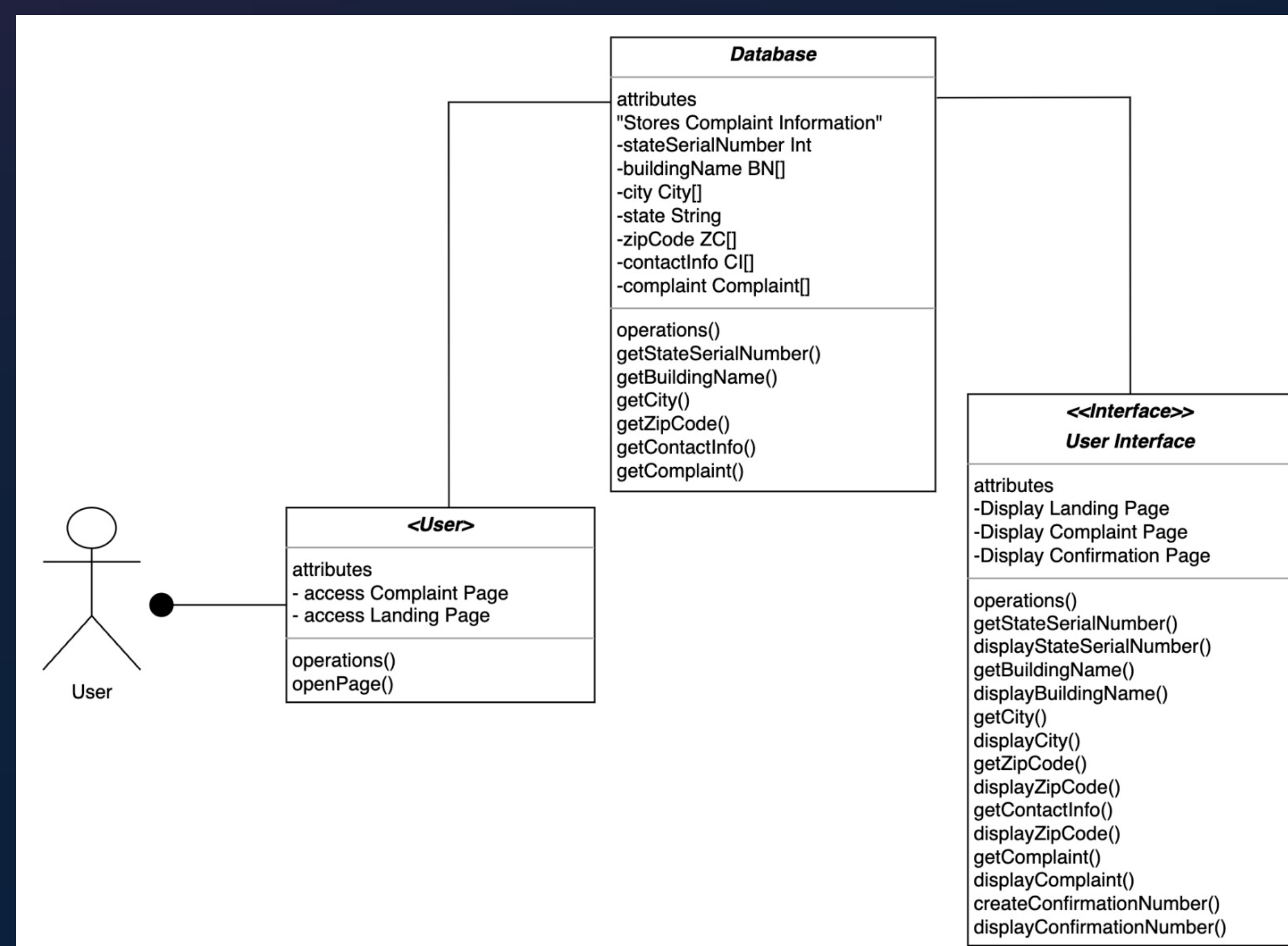


REQUIREMENTS

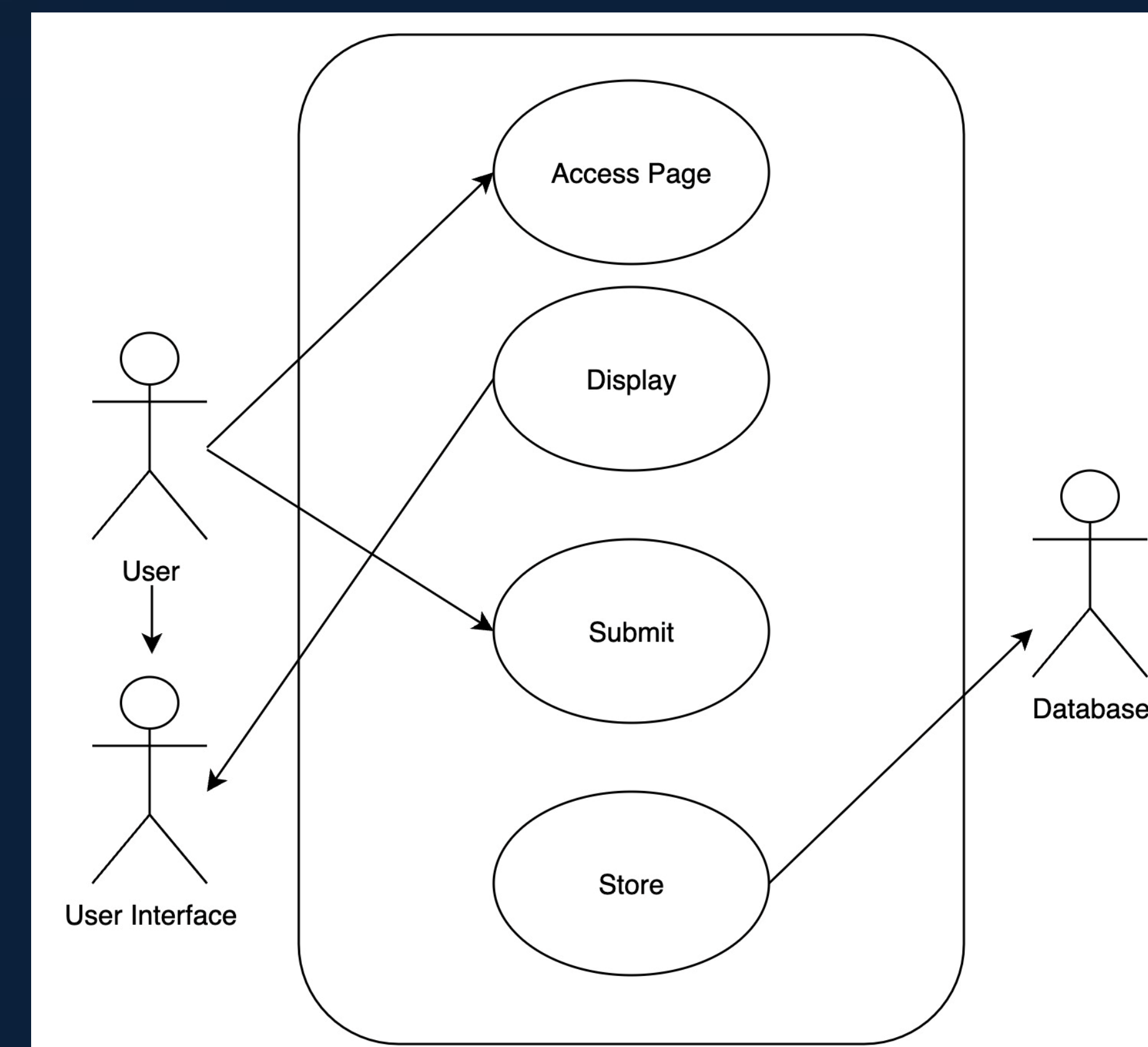
The Elevator Safety App was designed to be a web-based cross-platform application with the ability to manage the collected data on an SQL server. The app's features would include:

- A website with a Miami Dade County template.
- The button to generate a new complaint
- Complaint form with building, location, address, elevator type, and description fields.
- Confirmation number in a specific format
- Ability to submit multiple complaints both anonymous and not

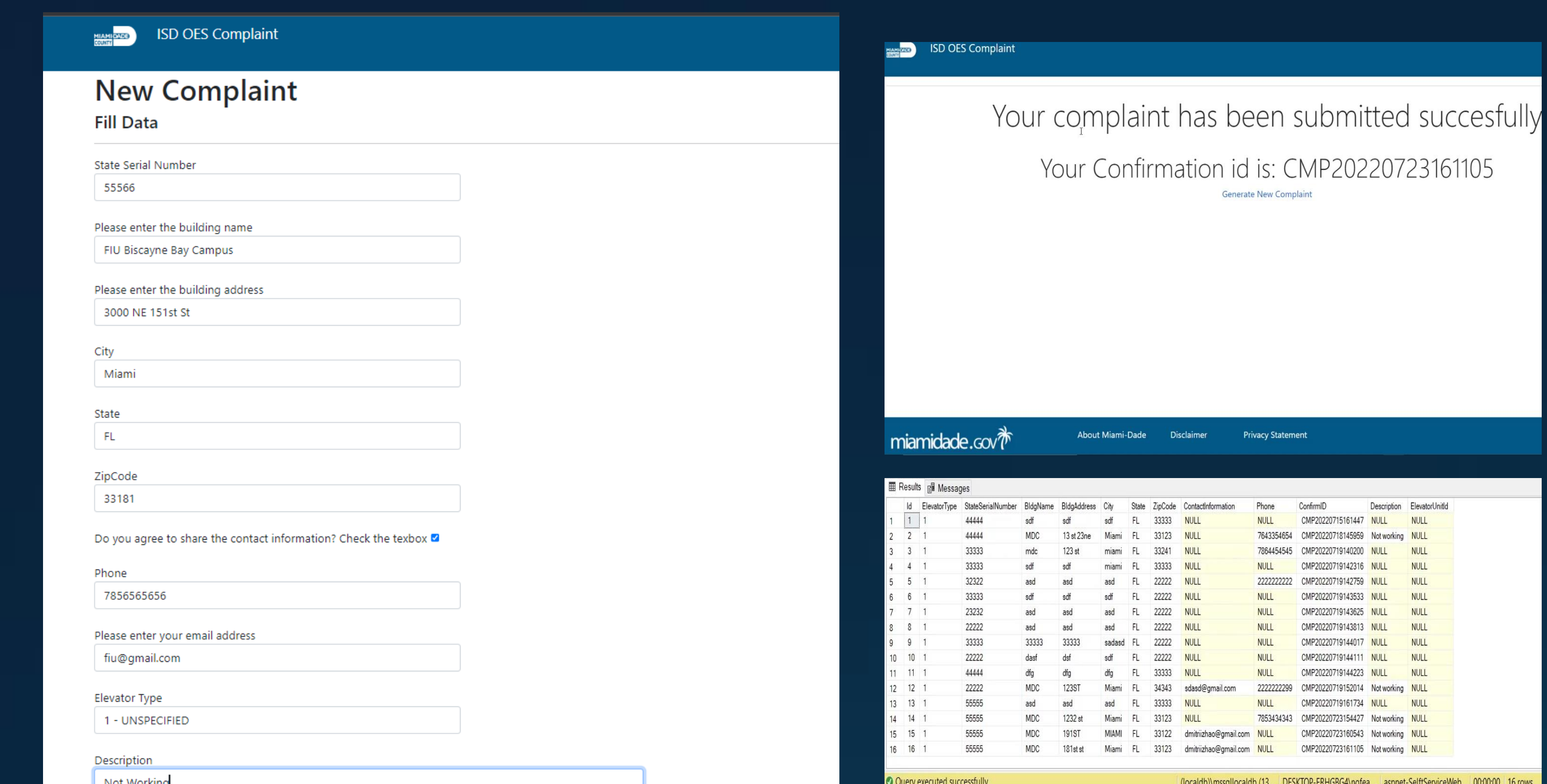
SYSTEM DESIGN



OBJECT DESIGN



SCREENSHOTS



VERIFICATION

Application testing was performed during all stages of the development of this application. After implementing new features, the sequence of tests were performed to ensure stability and accomplishment of the desired tasks. The results and demonstration of the new features were discussed with the product owner and the Miami Dade development team on a weekly basis.

SUMMARY

Our group was able to implement all of the required features since it was the first iteration of the app, I was able to do some of the wishlist features like the email with the confirmation id. Overall Miami Dade County was quite satisfied with the work that we did, but there is still a lot of room for future improvements.

IMPLEMENTATION



ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Dr. Masoud Sadjadi(Instructor). We thank Ms.Lakshmi Seshadri, Vegulla Carlos and Lopez Lianet for their assistance and mentorship that I/we received throughout the senior design project.