

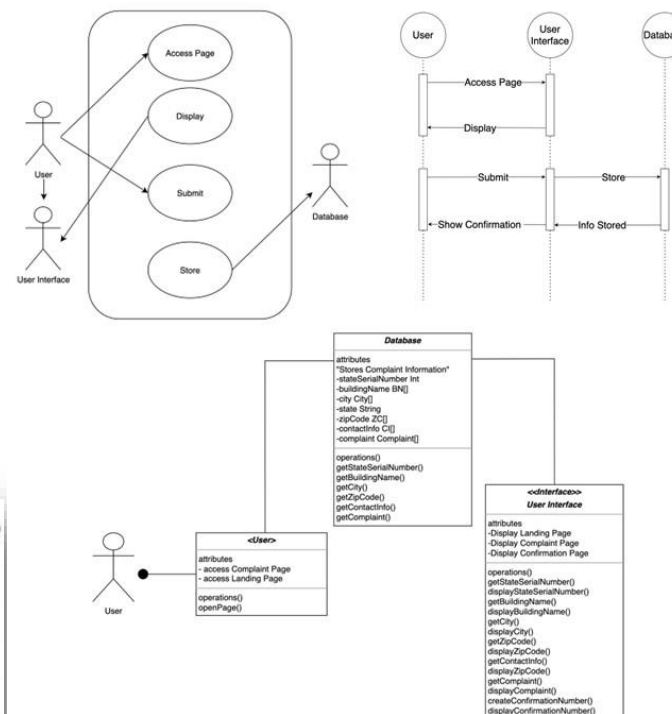
Problem: Miami is a big city, and the elevator usage and utilization rate in the city are huge. For example, in my school FIU, a building can use up to 7 elevators. According to the U.S. Department of Labor, 21 elevator-related accidents will result in death in 2021. Therefore, it is extremely important to record the elevator damage and to maintain it in time. As a platform for information sharing, the Internet can use its speed to set up a reporting platform to prevent the prevention and control of major elevator accidents in the future.

Abstract: The goal of this project is to achieve the elevator owner in Miami can report elevator accident or broken online. This allows maintenance personnel to quickly and intuitively see the status of the elevator and whether maintenance is required. The system is composed of 2 main pages, the page where the user fills in the necessary information to make the claim and the second where the claim confirmation number is displayed, additionally there is a data analysis report where the statistics of the claims are visualized.

Method: We use C# to build the whole page and use MYSQL database to store all the information from user. The input length of State Serial Number ,city ,and ZipCode are limited. There will be an email poster to user once they click the Submit bottom if they click "Check the textbox"

Requirement:

- Develop a report that allows you to view the information efficiently
- Send notification when claim is created
- Administration Page with the claims



Summary:

A web page was created where the user supplies the information required to create a record of the incident, receiving a unique confirmation number of the claim. Companies can fix each elevator by confirmation number and they can confirm if the elevator fixed or not. The information is stored in the database and is displayed in the data analysis report created. The report make all the information more clear.

References

- Miami Dade Gov. "Elevetor Listing." . Accessed July 2022, <https://www.miamidade.gov/global/business/facilitiesandfueling/elevators.page>
- OSHA. "Fatality Inspection Data". Accessed July 2022, <https://www.osha.gov/fatalities>

