



Figure 41. Lacking of electrical fixture at MFARMC

### **Database Management Website**

The database management website is developed with the aid of using different program software especially Visual Studio Code (VSCode). For frontend, HTML, CSS, and JavaScript were used. For Backend, JavaScript, NodeJS + Nest.JS Framework = Express.JS, Google Drive and Google Sheets API. And for Deployment, IDE: Integrated Development Environment was used. Figure 42 shows the user interface of the website homepage of the database management website.

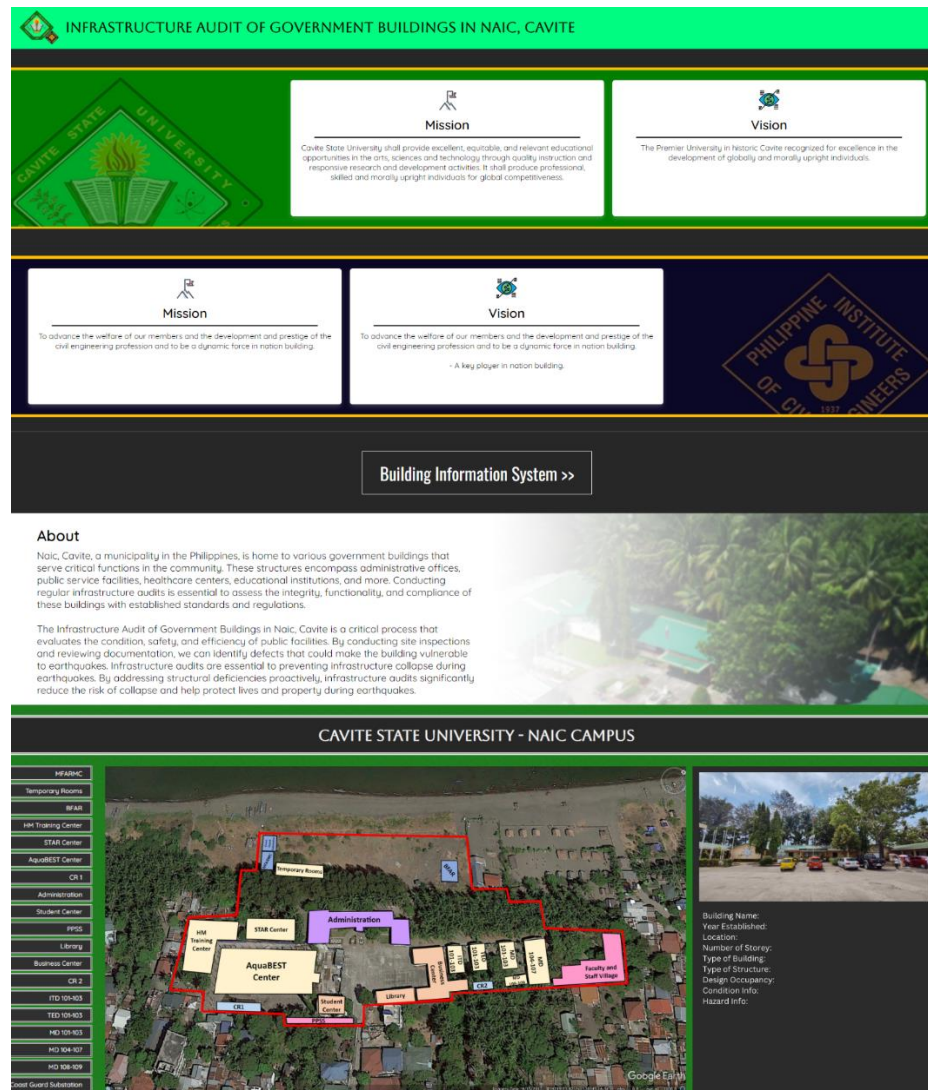



Figure 42. Website homepage of the infrastructure audit of government buildings in Naic, Cavite


Figure 43 illustrates a sample look of the building information system in the website. The building information system gives data like building name, year when it was established, its location with coordinates, number of storey, year/edition of NSCP used, type of building, type of structure, design occupancy, condition info, hazard info, and hazard/risk mitigations actions.


**INFRASTRUCTURE AUDIT OF GOVERNMENT BUILDINGS IN NAIC, CAVITE**

CVSU Naic

Category: CVSU Naic
Building: Physical Plant and Security Services (PPSS)

**Physical Plant and Security Services (PPSS)**  
Year established: 2000



Location	Naic, Cavite (latitude, longitude - coordinates)
Number of Storey	1-storey
Year/Edition of NSCP used	2000
Type of Building	Concrete Frame
Type of Structure	Build-up Section
Design Occupancy	Office
Condition Info	Perfect condition
Hazard Info	No hazard found at the moment
Hazard/Risk Mitigation Actions	<p>Conduct regular safety inspections of the building and identify potential hazards.</p> <p>Install smoke detectors, fire extinguishers, and sprinkler systems to prevent and control fires.</p> <p>Develop an emergency response plan and train all building occupants on evacuation procedures.</p> <p>Install safety signs and labels in the building to warn occupants of hazards and safe behaviors.</p> <p>Ensure proper maintenance of the building's electrical, plumbing, and heating/cooling systems to prevent accidents and system failures.</p> <p>Secure the building against intruders by installing locks, cameras, and other security measures.</p> <p>Provide adequate lighting in all areas of the building, including parking lots and stairwells, to prevent slip and fall accidents.</p> <p>Train building occupants on proper use of equipment, such as elevators, escalators, and heavy machinery, to</p>

Figure 43. Building information system webpage of the infrastructure audit of government buildings in Naic, Cavite