

**DESIGN AND DEVELOPMENT OF A THREE-DIMENSIONAL
DIRECTORY SYSTEM OF AMADEO MUNICIPAL HALL**

Undergraduate Thesis
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ABSTRACT

GALIT, SHERMAINE P. and PANGILINAN, CASELYN G. Design and Development of Three-Dimensional Directory System of Amadeo Municipal Hall. Bachelor of Science in Information Technology, Cavite State University, Indang, Cavite March 2013. Adviser: Vanessa G. Coronado.

The system Design and Development of Three-Dimensional Directory System of Amadeo Municipal Hall was developed to give solutions in locating the different offices and employees in the Amadeo Municipal Hall. It also has Information module in order for the users to view information about Amadeo. The system is consists of four (4) modules namely: Administrator Module which will gain access to the administrator only in order to update the organizational chart of each office and the citizen's charter of Amadeo Municipal Hall; Navigation Module which is for the users to freely navigate the entire Municipal Hall; Directory Module which displays the different offices in Amadeo Municipal Hall; and Information Module which shows the history of Amadeo, mission and vision of Amadeo Municipal Hall, organizational chart of each office, the citizen's charter and the employee searching.

Prototyping Model was the basis in the development of the system. The phases were Data Gathering Phase where the information is collected, Analysis and Design Phase where the problems were identified and scrutinized, Coding and Programming Phase where the researchers developed the system by using Visual Basic 6.0 as the main software and Trimble SketchUp for building the 3D models, Testing and Evaluation Phase where the system was tested using the Unit, System and Integration Testing and evaluated based on Functionality, Reliability, Usability, Efficiency, Maintainability, and

Portability of the system. After the evaluation was done, the system successfully passed all the requirements needed.