

## **ABSTRACT**

*Geographical information system is a computer-based system for recording, storing, and processing data that is usually geographically referenced. Geographic information systems can be used by government agencies to make it easier to find out the potential or information of their regions, but the use of information systems is still of little use by government agencies. For example, government agencies in the village of Baleendah which still do not use the information system. This is due to the lack of experts who can carry out the realization to use the system in his government.*

*Based on the above problems, in this thesis a research is carried out to design and implement a geographical information system for government agencies in the Village of Baleendah, Baleendah District. In this case, take a case study in the field of government service as data information presented in this geographic information system.*

*This system is based on a website using the Google Map API as map data used in the information system application, processing data in graphical form using Google Chart, then for the database using MySQL.*

**Keywords:** *geographic information system, mysql, Google Map API*