Demographic information available in Cinunuk Village at this time is still in the form of information of population data which is presented in the form of irregular area graph picture. For example, to find the population information of a region still using manual data search system one by one. As time passes then the data will grow more and more, with still use manual search system then will take enough time. With the problems above the village requires a geographic mapping system that can facilitate citizens and audit bodies to determine the population information. In this application displays the mapping in a region by providing border area information and demographic mapping data which is displayed in the form of digital maps. This design uses a direct observation model to the location to determine the Keyhole Markup Language (KML) which serves to map the region with google Maps Fire and is displayed on Cinunuk Village website. From the design result of this geographic mapping system application using the questionnaire as a test tool, the average respondent said the application is running well and very useful because it facilitates the village head, village service staff and villagers to look for regional mapping information.