

ABSTRACT

Title : **"Design and Implementation of GIS Recreation Tourism Locations in East Jakarta Based on Mobile Web".**

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The history of the industrial revolution starts from industry 1.0, 2.0, 3.0, to industry 4.0. Industry 4.0 then comes to replace industry 3.0 which is characterized by cyber physical and manufacturing collaboration. The term industry 4.0 comes from a project initiated by the German government to promote computerization of manufacturing. Geographic Information System (GIS) is a computer-based information system, designed to work using data that has spatial information (spatial reference). GIS technology integrates general database operations, such as query and statistical analysis, with unique visualization and analysis capabilities that mapping has. GIS that was developed in this study was developed using website technology. In the decade of the 90s a new methodology was introduced known as Agile Methods. This methodology is very revolutionary when compared to the previous method. Agile Methods were developed because in traditional methodologies there are many things that make the development process unable to succeed properly according to user demands. East Jakarta is one of the city areas in DKI Jakarta that is very vast and holds various kinds of potential tourist destinations in it. For this reason, an application that provides information on tourist attractions in Jakarta is needed. The presence of this application is expected to be able to meet the information needs of the wiata place in East Jakarta.

Keywords : *Geographic Information System, East Jakarta, Industrial Revolution*