ABSTRAK

DATAWAREHOUSE DESIGN FOR GEOGRAPHIC REGION MAPPING PROVINCE OF LAMPUNG

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In Lampung Province, there is no information system, especially data processing at the Central Statistics Agency (BPS) of Lampung Province regarding the geographical conditions of land contours, plantations, agriculture, animal husbandry, fisheries, mining, tourism, and forestry in every district/city in Lampung province. In its implementation, there are problems that always arise, including written in an archived form (Paper Base) so that data on livestock, plantation, fisheries and others that are evaluated can relatively cause errors in data search (human error) in recapitulating commodity yield data each period regarding geographic mapping of Lampung province.

The research method used is the Prototype method because users can easily adapt to systems developed according to user needs. The stages used are Communication, Quick Plan, Modeling Quick Design, Construction Of Prototype, Deployment Delevery & Feedback. In collecting data using methods through interviews, observations, literature studies. By using programming languages such as, Microsoft Office 2007, Windows XP Professional, Macromedia Dreamweaver 8.0, PHP programming, MySql 5.0.3.7, XAMPP 1.6.4, Mozilla Firefox, Adobe Photoshop CS.

The results of a Data Warehouse design for geographic mapping of Lampung province, A website data warehouse for geographic mapping of land contours, plantations, agriculture, animal husbandry, mining, tourism, and forestry based on webgis in Lampung province. This makes it easier for the public to search for data that is displayed in the form of maps and geography that can be run stand alone or online.

Key Word: Datawarehouse, Geographic Information System, Website, Google Map API