

ABSTRACT

Growth of information that has dramatically increase nowadays, make the data that is stored in the database will increasing. Big Data is the tracking and aggregation of a large volume of data (including personal information) from search engine histories, emails, sales transaction histories, reward/loyalty programs, app downloads and others. The Big scale of data that stored in the database can be defined into two kind of type, one is a structured data, and the other is unstructured data. Unstructured data (or unstructured information) refers to information that either does not have a pre-defined data model or is not organized in a pre-defined manner. Research approach to establish System Database Management Application that can handle unstructured data and displays the database informatively to the user that accessed the system.

Focus of this research is extracting information from the unstructured database and implemented in a Rapid Application Development (RAD). This research is try to analyze the unstructured data by through the following process, which are Data Gathering, Data Extraction, Data Selection, Data analysis, v. Implementing for prototyping so that the unstructured data can transform into structured data then displayed informatively using prototyping Rapid Application Development.

Experiment shows the research is success through the data gathering process, data extraction process, data selection Process, data analysis process, and process of implementing the result of data analysis in RAD (Rapid Application Development), which is the method of transforming unstructured data to structured data.

Keyword: big data, unstructured data, database, Rapid Application Development