

Salsabila Alifia Puspita, 2020. Project Management Information System PT. Urban Spasial Indonesia. This Final Project is guided by Rachman Sinatriya Marjianto, B.Eng., M.Sc. Diploma Three Information Systems Study Program, Vocational Faculty, Airlangga University.

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## ABSTRACT

The purpose of this Final Project was to create a program that could handled the process of registration project, recording employee tasks, and the project monitoring so that the system becomes more effective and efficient to run and could minimize errors. This system handled three main processes namely the process project assignment, project monitoring, and report generation.

In making the Project Management Information System PT. Urban Spasial Indonesia, it took 5 stages. The first step taken was the identification of data requirements conducted by interviews. The second stage was to analyze the current system problems by making a fishbone diagram. The third stage was designing the system and database. The system design was described by the Document Flow Diagram (Docflow), Hierarchy Chart which has five main processes, and Data Flow Diagrams (DFD). While the database design was created using the Conceptual Data Model (CDM) which produced 11 entities and the Physical Data Model (PDM) which produced 11 tables. The fourth step was implementing the system using Flow Chart, and implementing the design into the program by using a web-based programming language. The final stage was to test the system which starts from the registration project and employees, recording employees tasks and project monitoring.

Based on the results of the implementation and testing of the system, the Project Management Information System PT. Urban Spasial Indonesia has been made in accordance with functional requirements that is able to handled multiple business processes easily and could display reports appropriately.

*Keywords: Information System, project management, project monitoring, PT. Urban Spasial Indonesia.*