CHASSIS PLANNING AT MAS UNICHELA PANADURA

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ABSTRACT

Overview of this project is planning the best module for production to reduce the loss of standard manufacturing hours in MAS Unichela Panadura.

Literature review is a key aspect that built the path to succeed the project. At this stage the scope of the project was understood with the impact of changeover to the business that was understood by existing systems and applications.

Requirement specification is used to discuss the requirements of the project. The methods in which these requirements were captured had been reviewed to ensure the success of the project.

Methodology of the project was understood to implement appropriate project management techniques and to review them accordingly. This includes the activity schedule and the work breakdown structure. Risk management is a key aspect that is taken into consideration as well.

Design mainly includes the rich picture, wire frame diagrams and UML diagrams. These clearly cover every aspect of the application design.

Tools and techniques were crucial when it comes to the development of the application. C# is the core programming language that is used with the .NET framework. Microsoft SQL Server was used as the database with Transact SQL.

Testing and evaluation were carried out to understand the success of the developed application. Black box testing played a crucial role in the testing and evaluation process. The test cases and the test results of black box testing were documented.

The application developed reduced the loss of standard manufacturing hours in MAS Unichela Panadura by planning the best module for production.