

**ARFI FAHRURIYAH, 20.120.0002**

**SISTEM INFORMASI PENENTUAN HARGA POKOK PRODUKSI PADA BINA KARYA KAROSERI**, dibawah bimbingan Devi Sugianti, S.Kom., M.Kom. dan Tri Pudji Wahjuningsih, SE., M.Si.

121 + xvi halaman / 101 gambar / 19 tabel / 2 lampiran / 9 pustaka (2018-2023)

### **ABSTRAK**

*Karoseri Bina Karya bergerak dibidang manufaktur dengan mengolah bahan mentah berupa kayu dan besi untuk dijadikan bak truk baik pesanan maupun proses. Hasil pengamatan menunjukkan bahwa proses penentuan harga pokok produksi pada Bina Karya Karoseri dilakukan dengan menambahkan seluruh biaya-biaya yang dikeluarkan untuk memproduksi bak truk lalu ditentukan dengan menggunakan perkiraan, sehingga menyebabkan pembuatan laporan biaya produksi yang sulit dilakukan serta harga pokok produksi yang ditentukan kurang sesuai dengan nilai barang jadi yang seharusnya dan menimbulkan kerugian dalam penjualannya. Untuk mengatasi permasalahan tersebut dibangun sistem informasi penentu harga pokok produksi dengan basis pemrograman web melalui dukungan framework CodeIgniter dan database MySQL, yang dikembangkan menggunakan metode Waterfall melalui tahapan Communication, Planning, Modelling, Construction, dan Delpoyemnt. Sistem dirancang menggunakan Unified Modelling Language (UML) dan Lembar Kerja Tampilan (LKT), serta diuji menggunakan metode pengujian Graphical User Interface (GUI). Sistem memudahkan proses penentuan HPP baik untuk pesanan maupun proses, serta memudahkan proses pembuatan laporan pemesanan, struk pemesanan, laporan HPP, laporan penjualan, neraca saldo, dan laporan Laba Rugi. Namun sistem masih perlu tambahkan fitur pengelolaan stok barang sehingga pengguna dapat mengetahui stok barang yang dibutuhkan maupun barang yang akan diproses.*

**Kata Kunci :** *sistem, informasi, hpp, karoseri*

**ARFI FAHRURIYAH, 20.120.0002**

**INFORMATION SYSTEM FOR DETERMINING THE COST OF PRODUCTION IN THE CONSTRUCTION OF CAR BODY WORKS**, under guidance of Devi Sugianti, S.Kom., M.Kom. dan Tri Pudji Wahjuningsih, SE., M.Si.

121 + xvi pages / 101 images / 19 tables / 2 attachments / 9 libraries (2018-2023)

### **ABSTRACT**

*Bina Karya's Bodywork is engaged in manufacturing by processing raw materials in the form of wood and iron to make tailgates for both orders and processes. The results of observations show that the process of determining the cost of production at Bina Karya's Bodywork is carried out by adding up all the costs incurred to produce the truck body and then determining it using estimates, causing the preparation of a production cost report which is difficult to do and the cost of production which is determined is not in accordance with the expected value of the finished goods and a loss in sales. To overcome these problems, an information system for determining the cost of production was built on a web programming basis through the support of the CodeIgniter framework and MySQL database, which was developed using the Waterfall method through the stages of Communication, Planning, Modeling, Construction, and Delpoyement. The system was designed using the Unified Modeling Language (UML) and Display Worksheet (DW), and was tested using the Graphical User Interface (GUI) test method. The system facilitates the process of determining cost of production for both orders and processes, as well as facilitating the process of making order reports, order receipts, cost of production reports, sales reports, trial balances and Profit and Loss reports. However, the system still needs to add a stock management feature so that users can find out the stock of goods needed and the goods to be processed.*

**Key Word :** *system, information, hpp, bodywork*