

## **ABSTRACT**

Enterprise Resource Planning (ERP) is a system to plan and allocate an organization's resources. ERP has many functions that can be used by an organization. One of ERP's advantages is an integrated system that allows different functions of the organization to have the same real-time data, and reduces data redundancy. ERP can be used to plan and allocate a number of resources such as human, time, tools, machines, raw materials, finished goods and others which will be used in many ERP functions and modules, such as human resource, warehouse management, manufacturing, etc.

Gum Rosin and Terpentine Factory Sindangwangi is one of the companies that can benefit from implementing an ERP System. This factory has a lot of divisions responsible from a number of works, from manufacturing to managing internal warehouses. Sindangwangi also has related processes to Kesatuan Bisnis Mandiri (KBM) GT I Jawa Barat, in Sales, Purchase, and Human Resources, making the need for ERP even higher.

One of the many modules that ERP has is Warehouse Management. This module will ease the process of managing warehouses for Sindangwangi. By implementing ERP in Sindangwangi, the company can reap its rewards such as improvement in efficiency and effectivity. This implementation won't only help Sindangwangi, but also its managing office in KBM GT I Jawa Barat.

**Keywords:** Warehouse Management, OpenERP, ERP.