

**PROPERTIES OF LAP JOINT FROM VATICA, ACACIA AND SHOREA**

**BY**

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Abstract of final project presented to the Universiti Teknologi MARA fulfillment of the requirement for The Diploma in wood Industry

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Joinery system become as an alternative for manufacturing industry especially in furniture making. That project is to determine the properties of the lap joint using the *Vatica*, *Acacia*, and *Shorea* species. The strength properties were including Modulus of Elasticity (MOE) and Modulus of Rupture (MOR). This species have different physical properties and the density. These properties are the factor why this study was made and to determine which one of the species is suitable for the manufacturing on production. This project is using PVac glue with the different species of wood to determine and identify the strength properties of the lap joint.