

AUTOMATIC PACKAGE DELIVERY SYSTEM IN LUXURY APARTMENT

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ABSTRACT

This paper consists of the mechanical, electrical, civil and manufacturing engineering processes involved in the design and fabrication of Automatic package delivery system for luxury apartments.

Firstly, the introduction of this report provides an overview of the project objectives which are; delivering packages to a specified apartment room automatically with better privacy, better security and sparing manual labor and time. It also states how the system operates to achieve the project objectives. Secondly, it is followed by the literature review which includes the theory involved in designing the project as well as, the secondary data which has been used for the completion of this project.

Thirdly, the project methodology and designs states how the real design is to be constructed and the techniques should be used. Fourthly, the whole electronic process of the project which also includes the circuit designed is illustrated under the topic of control criteria. Fifthly, under results and analysis all the calculations and a brief explanation of it are shown. Sixthly, a detailed description with figures of the process of fabrication of the model, problems encountered while fabricating and the methods followed to overcome them have been explained.

Lastly, the report is concluded by stating the experience and knowledge gained in fabricating, planning and carrying out a project of this nature.