INTELLIGENT GRASS CUTTER

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"I declare that this report entitled "*INTELLIGENT GRASS CUTTER*" is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree."

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ABSTRACT

Intelligent Grass Cutter is an autonomous lawn mower that will allow the user to the ability to cut their grass with minimal effort. Unlike other robotic lawn mowers on the market, this design requires no perimeter wires to maintain the robot within the lawn, where the transmitter circuit will be placed at the remote control while the receiver circuit will be placed at the lawnmower. The signal will be transfer from the remote control to the lawnmower by the antenna (joystick) and the signal transfer is using 'Radio Frequency Signal' (RF). RF is quite effective in long distance and the components are cheap and easy to get in the market. In this project, transmitter and receiver circuit is build to control the movement of the lawn mower, motor and the rotation of the blade.

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