

Smart Cabin Control System

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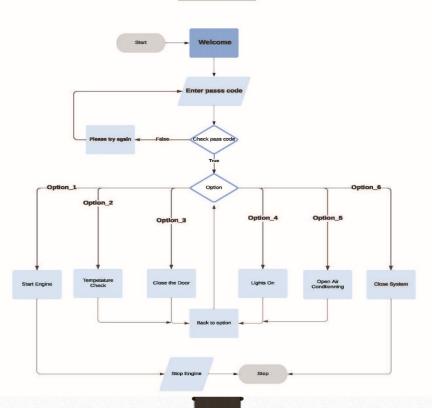
1 PROJECT ABSTRACTION

This project is a kind of smart cabin control system. The system can adjust the indoor environment, the temperature, Air conditioning and doors lock. Using motors and sensors that can help turning the power on, checking the temperature, checking the Motor temperature or control the Air conditioner and interior light to waste less energy and power. The system can be stopped immediately at emergency and we can control if it's off or on.

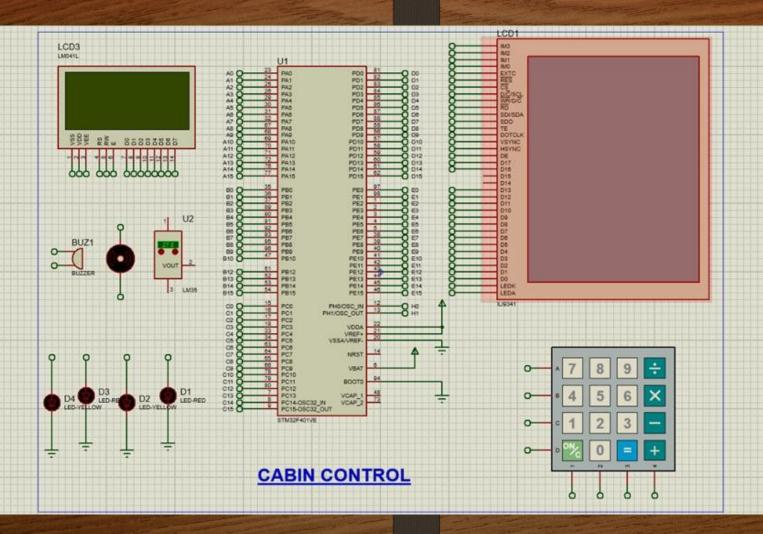
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PROJECT Flowchart

Cabin Control



3 PROJECT HW Design



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PROJECT Hardware Components

List of components:

· Motor.

· LCD.

· Temperature sensor.

Keypad.

TFT

· LED.

BUZZER

• STM32F401VE

Thanks!