multi-level in order to give the property control over the automatic control and determine the final results of this project

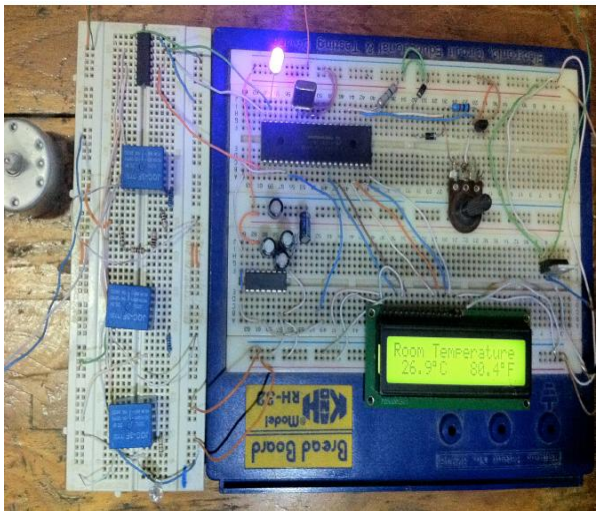

Figure 8: Hardware Circuit

9. Applications

- Can be used in factory automation.
- Can be use machine control
- Medical equipment and devices.
- Chemical process, electric trains, robotics and manipulators.

10. Conclusion

The goal of this project is to identify the best method to find a way optimal control mechanism to maintain the proper temperature in the selected area by increasing and reducing the cooling controlled by microprocessor and the increase and decrease in cooling through the change-speed fan (DC motor). In this project the change in speed was not very clear because we used the 9-volt motor, but in practical applications are cooling fans by high-voltage motors may be of a DC or AC, where the change in speed more clearly.

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