

Safe Home Comfort System (Design and Implementation)

By

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Supervised
by



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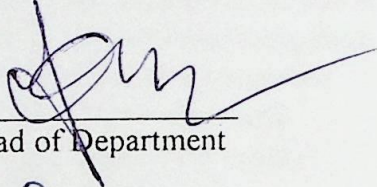
A report is submitted to the department of Computer Science,
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In partial fulfillment of requirement for the degree of BCS.

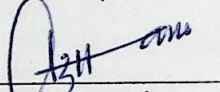
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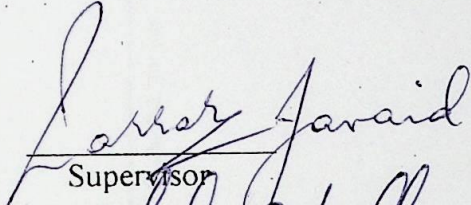
We accept the work contained in this report as a confirmation to the required standard for the partial fulfillment of the degree of Bachelors of computer sciences (hons.) in the subject of final project titled "Safe Home Comfort System".



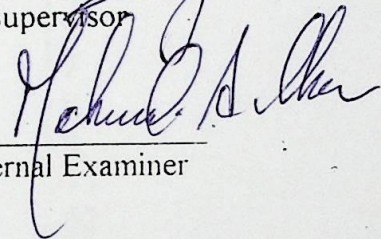
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Introduction:

The **SAFE HOME COMFORT SYSTEM (SHCS)** made by Devil Minds is a complete system for providing security and convenience in small house using simulation on computer and live movement of a person using the system. The user of the will be given the system which will be consisting upon only one thing and that is the password for entering the house (deactivating the security system and activating the roaming system). When the system is active it will perform multiple functions:

- Switching on the lights
- Switching on the fan (when the user snaps)

The main aim of the **SAFE HOME COMFORT SYSTEM (SHCS)** is to provide the user a safe home that is free of theft and

worries and secondly the user really doesn't have to put much of efforts for switching on and off the electrical devices around him/her.

All the electrical devices have been synchronized with the computer's parallel port and the tension of the user to find switches has been cut

down. Besides it is very safe and easy to use with no extra effort.

Details:

The password will be provided to the user just to enter the system and then the rest will be on the safe home comfort system itself. User can change the password anytime he/she likes. Once the user is in the house his/her motion will be detected by the sensors and accordingly the lights of the rooms will be switched on and off, that means if user enters Room No. 1 then as soon as he/she will enter the room the lights will be switched on and once he/she leaves the room the lights will be switched off automatically. So there is no