

Introduction

The hall effect sensor reacts to a magnetic field. To activate it, there needs to be a change the magnetic field around it. A magnet is placed on the lid of the gift box. Every time the lid is opened, the hall effect sensor is activated, and gives out a signal for the screen and the piezo speaker to play their turn

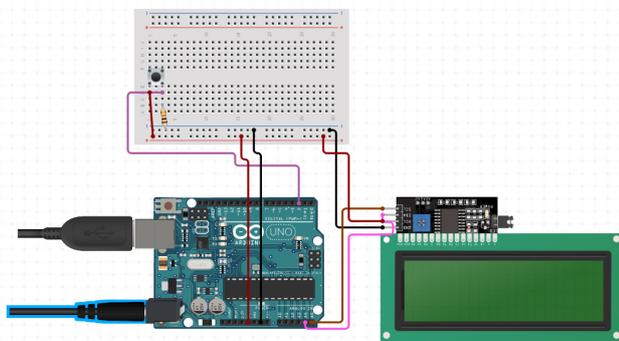
Overview

when u open box there is button which when pressed a message is presented on a screen.

Hardware Design

parts:

1. Arduino uno
2. Button
3. 3d printed box
4. lcd screen



Software Design

[ezyzip.zip](#)

Results Obtained

What were the results of your project?

Conclusions

Download

An archive (or more if necessary) with the files obtained from the project: sources, schemes, etc. A README file, a ChangeLog, a compile script and automatic copy on uC always make a good impression 😊.

Files are uploaded to the wiki using the **Add Images or other files** feature. The namespace in which the files are uploaded is of the type : **pm: prj20 ??: c?** or : **pm: prj20 ??: c?: Student_name** (if applicable). **Example:** Dumitru Alin, 331CC → : **pm: prj2009: cc: dimitru_alin** .

Journal

You can also have a diary section where the project assistant can track the progress of the project.
Bibliography / Resources

List of documents, datasheets, Internet resources used, possibly grouped on **Software Resources** and **Hardware Resources** .

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