2025/08/11 06:38 1/2 Introduction

Introduction

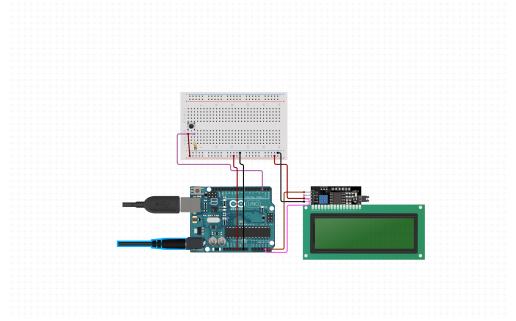
The hall effect sensor reacts to a magnetic field. To activate it, there needs to be a change the magnetic field around it. A magnet is placed on the lid of the gift box. Every time the lid is opened, the hall effect sensor is activated, and gives out a signal for the screen and the piezo speaker to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

Export to PDF

From:

http://ocw.cs.pub.ro/courses/ - CS Open CourseWare

Permanent link:

http://ocw.cs.pub.ro/courses/pm/prj2022/apredescu/gift box with hall effect sensor

Last update: 2022/06/02 11:45

×