

Books Vending machine with Snacks

Reem daraghmeh & haneen
barham
Supervisor :Dr. Emad natsheh

Features

Components

constraints

Main Idea

Future
work

DEMO



The **book vending machine with snacks** project is an exciting business idea that brings together the world of reading and snacks. This machine is like a small mobile bookstore that provides instant service to users who want to buy a new book



**payment
system**

**Multiple
size**

**Multiple
order**

**Order
system**

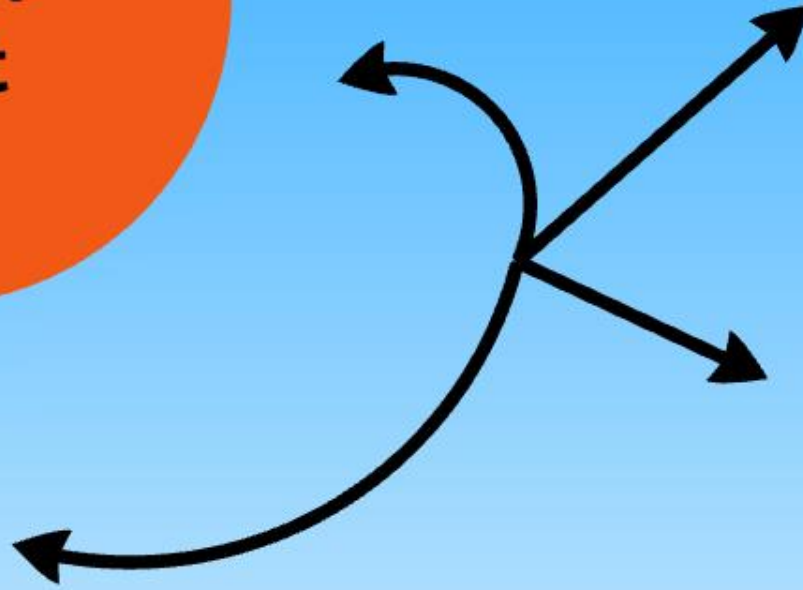
Next

**Out Of
Stock
Alert**

**Magnetic
lock**

**Administrator
reference site**

**Moving
Shelf**





IR Sensors



**Power
Supply 5V**



Rolls



**Arduino
mega**



RFID



H-Bridge



Magnetic

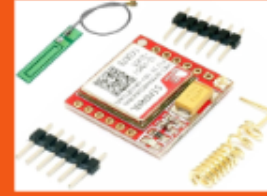
Next



Power
Supply 12V



Bluetooth
HC-05



GSM



LCD 32X2



Keypad



DC Motor



potentiometer



Esp

**Location of
components**

Power Supply

**Arrangement of
wires**

**Size and Weight meticulous
selection of appropriate
products and the design of
the machine**



**Expanding Product Range:
providing users with a wider
selection of items.**

**Advanced Transaction
Security**

**High Level Error Detection
System**

**DE
MO**

Thank you