Garbage Monitoring Using IoT

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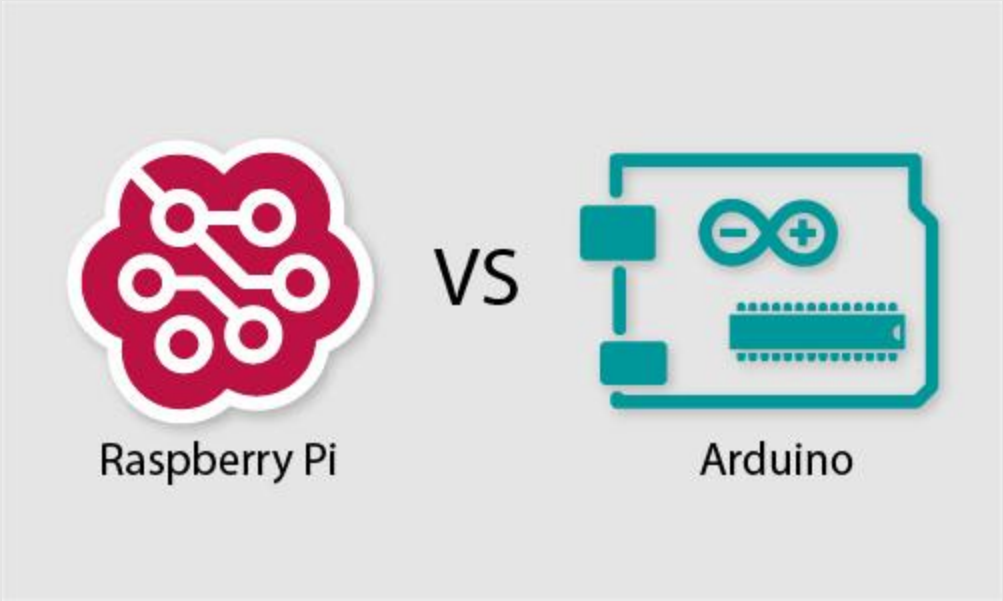
The Main Problem:

SOLUTION :


amazon
web services™
Garbage Level Indicator
Webpage
SMS
trigger pin
echo pin

Hardware:



	Arduino Uno	Raspberry Pi Model B
Price	$30	$35
Size	7.6 x 1.9 x 6.4 cm	8.6cm x 5.4cm x 1.7cm
Memory	0.002MB	512MB
Clock Speed	16 MHz	700 MHz
On Board Network	None	10/100 wired Ethernet RJ45
Multitasking	No	Yes
Input voltage	7 to 12 V	5 V
Flash	32KB	SD Card (2 to 16G)
USB	One, input only	Two, peripherals OK
Operating System	None	Linux distributions
Integrated Development Environment	Arduino	Scratch, IDLE, anything with Linux support

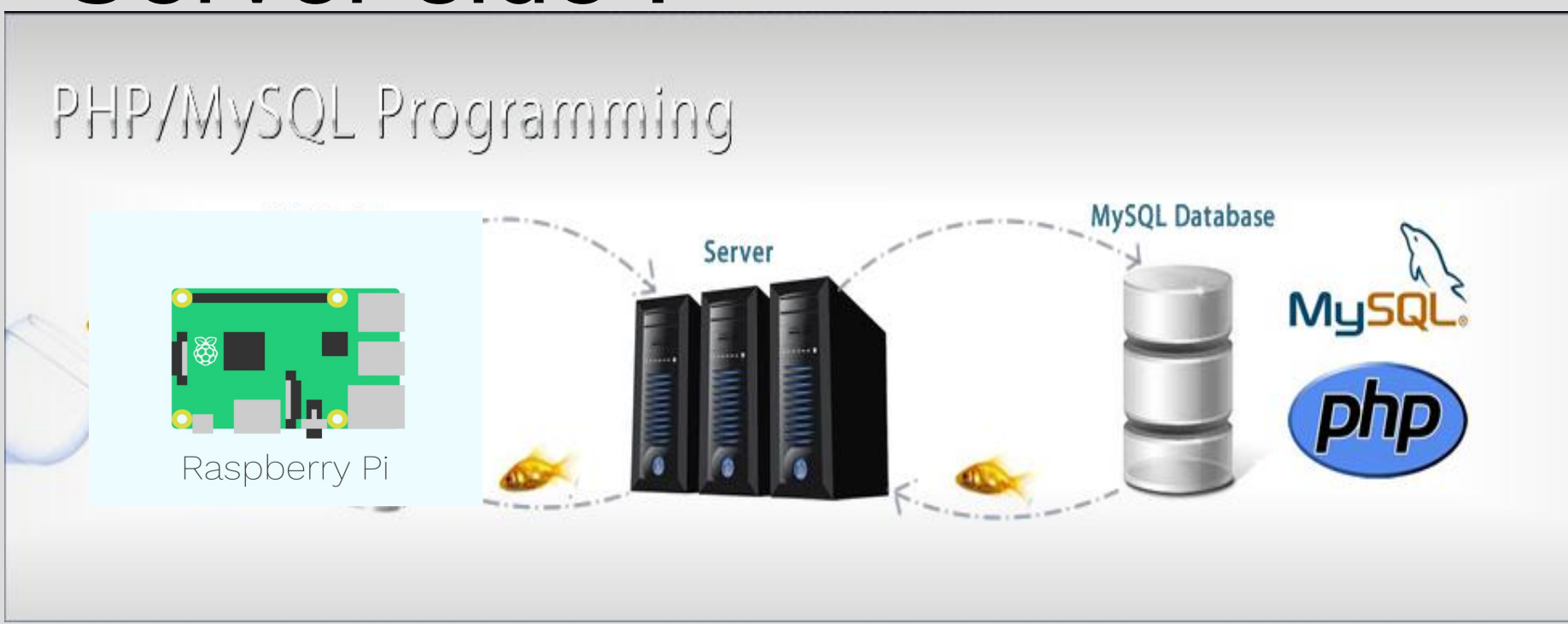
Software:


PHP 63.6%
C++ 17.6%
Python 11.2%
CSS 4.4%
JavaScript 3.2%


python™


PHP
MySQL

Server side :


PHP/MySQL Programming
Raspberry Pi
Server
MySQL Database
MySQL
php

CVR E-Bins

20:11:19

Welcome

PG Block:

Last Updated :54 seconds

status: **ACTIVE**

Main Block:

Last Updated :30 seconds

status: **ACTIVE**

CSE Block:

Last Updated :1 day

status: **INACTIVE**

I yr Block:

Last Updated :7 seconds

status: **ACTIVE**

Library:

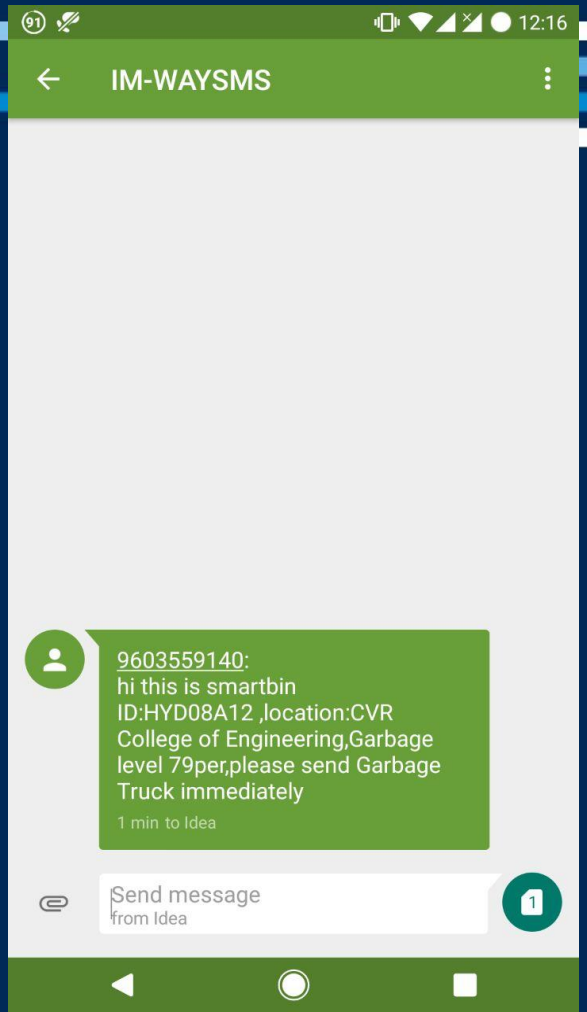
Last Updated :1 day

status: **INACTIVE**

Canteen:

Last Updated :1 day

status: **INACTIVE**


12:16
IM-WAYSMS
9603559140:
hi this is smartbin
ID:HYD08A12 ,location:CVR
College of Engineering,Garbage
level 79per,please send Garbage
Truck immediately
1 min to Idea
Send message
from Idea

SMSAPI

We made this Project on Github !!

https://github.com/vamshinath/college_project


Thank
You

FEEDBACK