PROJECT 1

AIM:-To design a system based on the password protected door lock system.By taking the inputs from the user through pushbuttons and the password will display om the LCD .If the user enter the correct password the Door will open .If user enter the wrong password the Buzzer will ON and redLED will glow otherwise the greenLED will glow.

INPUTS AND OUTPUTS TABLE:-

INPUTS

SN.NO	Description	Name	Type	Data direction	Specification
1	Push button 0	PB0	Input	DI 5VDC
2	Push button 1	PB1	Input	DI 5VDC
3	Push button 2	PB2	Input	DI 5VDC
4	Push button 3	PB3	Input	DI 5VDC
5	Push button 4	PB4	Input	DI 5VDC
6	Push button 5	PB5	Input	DI 5VDC
7	Push button 6	PB6	Input	DI 5VDC
8	Push button 7	PB7	Input	DI 5VDC
9	Push button 8	PB8	Input	DI 5VDC
10	Push button 9	PB9	Input	DI 5VDC

OUTPUTS

SN.NO	Description	Name	Type	Data direction	Specification
1	LCD Display LCD		OUTPUT	DO	16*2
2	Buzzer		OUTPUT	DO	SOUND
3 LED		LED	OUTPUT	DO	5VDC
	1.Green				
	2.Red				

BLOCKDIAGRAM