KEYPAD SYSTEM FOR LOCKER

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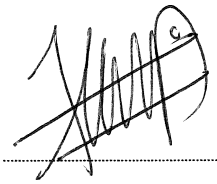
"I declare that this report entitled KEYPAD SYSTEM FOR LOCKER is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree."

Signature : 

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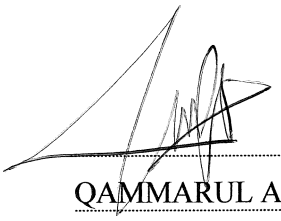
Signature : 

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ABTRACT

Keypad system for locker is a technology created to make sure the user's locker will be in safe state. The user will put the password using keypad system and then the stepper motor will operate to open the locker. If the user put the right password, the LCD will show "Locker Unlocked" and the motor will operate to open the locker. But, if the password is wrong, LCD will show "Wrong Password! Please Try Again". When the user wants to close the locker, user just needs to close the door and push the button that functioning as the close button. The motor will operate again to close the locker door. This project basically is a modification from the previous keypad system for locker which they used magnetic to lock the door. Unfortunately, the system is hackable which when there is no supply, the magnetic will not functioning which will make the door unlocked. Thus this project modificated version by using stepper motor to lock the door which if there is no supply, the door is still locked.

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