

Smart Medicine Dispenser

Submitted in partial fulfillment of the requirements for the
Degree of
Bachelors in Engineering
(Electronics)

By

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CERTIFICATE

This is to certify that the project report entitled **“Smart Medicine Dispenser”** is submitted by **Pramanik Patel and Parth Khadse** towards the partial fulfillment of the requirements for the degree of Bachelors in Engineering (Electronics). It is the record of work carried out by them under my supervision and guidance. In our opinion, the submitted work has reached a level for being accepted for examination. The results embodied in this project work, to the best of my knowledge, have not been submitted to any other university or institution for the award of any degree or diploma.

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ABSTRACT

The main purpose of this project is to help the patients, primarily seniors, take their medications on time in an easy way without the possibility of missing pills, also reduce the risk of over or under dosing accidentally. Not taking medications correctly can have serious consequences such as delayed recovery, illness and even death. The smart medicine dispenser could solve such problems by informing and alerting the patients to take the appropriate dose at the right time. Also, it provides direct communication between the patients and the caretakers as it will immediately notify the caregiver by a missed call in case the patient missed his/her pill.

Also, one of the features of this project is to supply the power the device even when the mains power supply fails. Because of this feature the medication schedule of the patient will remain undisturbed.