

Smart Digital Timetable

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Abstract: Classroom usually has a timetable plate embedded on the wall near the front door. However, the only purpose for displaying classroom's timetable cannot fulfill the future digital classroom requirement. They need more automatic, integrated, and intelligent functionality in the classroom environment. Besides, the vision of future smart classroom is to select sustainable technology solutions that have the possibilities of dramatically improving the instructional delivery process and to engage the student in their learning experience. Therefore, the aspiration for providing more intelligent capability will go back to the improvement of classroom environment itself. Within the classroom, how to create a smart space is our goal. By means of introducing smart timetable plate, we can create a new use case for the application of smart classroom. The creative model not only bring the new style school living but also encourage the reform of traditional classroom environment. Digital timetable displays are used to communicate timetable information these days, facilitating our need for accurate and on-demand information. Digital displays have become a powerful tool for reaching a moving students.

Keywords: Arduino application

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