FUTURE INSTITUTE OF ENGINEERING & MANAGEMENT

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PROJECT ON VIRTUAL DRUM SET USING WEB APPLICATION

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**INTRODUCTION**

Virtua Drum is a web application that allows one to play drums on their various devices with an internet connection. We all must have seen a drum kit in some live concert or YouTube video of our favourite band or drummer. It is a collection of percussion instruments like drums, cymbals and other percussion instruments, this application brings the experience of playing from the convenience of your room. This application removes the absolute compulsion of having a drum set around the user and enables them to experiment and practice drums irrespective of their time and location, with internet being as readily available as it is.

The main concepts presented in the project are DOM, click and press events along with CSS. The way this website would work is that we will have a number of buttons on our web app that will represent various instruments in a typical drum set and when you click on any of those buttons then you’ll get the corresponding sound of the drum. And in addition, you can also use the keys on the keyboard to have the sound effect. The objective of this project is to give people the ease of practicing the art of playing a drum set without actually having a drum set.

**FEASIBILTY STUDY**