FUTURE INSTITUTE OF ENGINEERING & MANAGEMENT

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PROJECT ON VIRTUAL DRUM SET USING WEB APPLICATION

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TABLE OF CONTENTS

1. Introduction
2. Feasibility Study
3. Methodology/ Planning of Work
4. Facilities Required for Proposed Work
5. Bibliography

STUDENT SIGNATURES

GUIDE’S SIGNATURE

INTRODUCTION

**We all must have seen a drum kit in some concert or elsewhere, it is a collection of drums, cymbals and other percussion instruments. But have you ever imagined making that drum kit on your own virtually with the help of some scripting language? Well, here we are with the goal for this project to build a drum kit app that runs in the browser. The main concepts presented in the project are DOM, key events and CSS animations. when the user is tapping on the keyboard or clicking on buttons on the Website and you can respond to it, but you also end up with an awesome website that you can impress all of your friends with. So, the way this website would work that we’ve got a number of keys on the webpage that represents different drums 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 a sound effect. In addition, for making prototypes we have studied the musical effects of the user interface properties. The objective of this project is to find out the best interface for controlling a virtual drum without including tractive feedback. The constant emerging technologies in the world of web development always keeps the excitement for this subject through the roof.**

**FEASIBILTY STUDY**