**EX.NO:**7.2 **DETAILED PROJECT OVERVIEW**

**DATE:15/03/17**

**INTRODUCTION:**

Kids Learning website is a website which is very useful for the kids to learn basics in all subjects. They will learn basics in languages, basics in science related concepts and general knowledge about our nation and state. For every citizen, it’s their duty to know a little about their nation.

**OBJECTIVE:**

The main objective of this project is to develop a Learning website which will be very useful for the children to improve their basic knowledge. An equal amount of knowledge is given to each and every child through this website. This project is developed to share knowledge to the kids who lives in nook and corner of the world. Nowadays internet connection is everywhere where the small children can learn new things from the internet. The prior thing which is expected from children is that their enthusiasm to learn and gain knowledge.

**EXISTING SYSTEM:**

The existing kids learning website is [www.e-learningforkids.org](http://www.e-learningforkids.org).In this website, all the study contents required Adobe flash player to play. So, it is a very necessary thing for the kids to turn on adobe flash player, and then only they can learn through this website. But for the kids, they don't know about this software.So, it is a very tedious thing for the kids. To start learning through this website, they have to do certain technical settings in their system, so that they can learn without any interruption.

**PROPOSED SYSTEM:**

The proposed website is going to have all its study contents as a gif image, videos...etc. There is no special technical setting to be done to start learning through this website. No special software’s are required. Kids can learn once they entered the website where there is no login procedure also. Every kid can learn without interruption, the only thing required is the internet.

**FOSS SOFTWARE REQUIREMENTS:**

* Notepad++

**LANGUAGE USED:**

There are twolanguages HTML, CSS are used to develop a website.HTML is used for the overall structure of the website whereas CSS is used to design a website by applying various styles.

**HTML:**

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a web page is called Hypertext. As its name suggests, HTML is a Markup Language which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display. Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers. Now, HTML is being widely used to format web pages with the help of different tags available in HTML language.

**HISTORY OF HTML:**

* HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995.
* HTML 4.01 was a major version of HTML and it was published in late 1999.
* Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.

**FEATURES OF HTML:**

* HTML is the standard markup language for creating Web pages.HTML stands for Hyper Text Markup Language.
* HTML describes the structure of Web pages using markup.HTML elements are the building blocks of HTML pages.
* HTML elements are represented by tags. Browsers do not display the HTML tags but use them to render the content of the page.
* HTML language is used in the development of the kids learning website to improve the semantic and accessibility value of the website.
* HTML is used in all modules of the system. It is mainly used to provide the structure to the system.HTML is used to improve the user interface.
* HTML is supported by all web browsers, so it is user-friendly language. There is no need for any software or plug-in to run the HTML file.
* It has been installed in all operating system by default.

**CSS:**

* Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.
* Cascading Style Sheets (CSS) is used to describe the presentation of documents. It defines sizes, spacing, fonts, colors, layout, etc.It improves content accessibility.
* It improves flexibility.
* It is designed to separate presentation from content. Due to CSS, all HTML presentation tags and attributes are deprecated, e.g. font, center, etc.
* CSS handles the look and feel part of a web page. CSS is used to control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, as well as a variety of other effects on this website.
* CSS is easy to learn and understand but it provides a powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.
* In this website, CSS is used along with HTML to provide the styles to the system.CSS are used mainly in the website to grab the attention of the user.
* It also improves the content accessibility in the timetable management system. CSS colors are defined using a hexadecimal notation for the combination of red, blue, and green values.

The Advantages of CSS includes,

* + CSS saves time
  + Pages load faster
  + Easy maintenance
  + Multiple Device Compatibility
  + Superior styles to HTML
  + Global web standards

**FRONTEND DEVELOPMENT:**

The front end of this website is the user interface where the kids used to interact with the website.This user interfaces developed using HTML, CSS and some images to attract kids to learn. Since this website is for kids, UI must be an interactive and attractive one.Then only kids will be attracted to learn something through this website.

**BACKEND DEVELOPMENT:**

The backend is nothing but the database required for the website. Here, in this website some of the study contents are provided as a video and PDF files which can be downloaded from the website. All these contents are stored in database and server.PhpMyAdmin database is used to store all these contents

**CONCLUSION:**

Thus the problem which we have identified has been solved through this website i.e. Problem is that "The most of the children around the world doesn't get the quality education where they can learn and develop". This problem has been solved through this website i.e. equal amount of quality education is given to all children in the world. This is possible only through "International Network"-the Internet.