

STUDENT RECORD MANAGEMENT SYSTEM

WEBSITE DESIGN REPORT

The website is technically for managing student activities in a school. The specific purpose is to create ease among the daily activities that a student partakes. Also, the purpose of the website is to be eye catching, colorful, recognizable and simple.

This website serves a school in much more than just showing the students their timetables. It also deals with the payment methods for the student. It made so that the student can access information regarding health care issues and so on.

The website is made up of 3 different languages: from CSS, HTML, AND JAVASCRIPT.

HTML

Hypertext Markup Language (Html) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behaviour and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a mark-up language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colours, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .CSS file, and reduce complexity and repetition in the structural content.

Separation of formatting and content also makes it feasible to present the same mark-up page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.^[4]

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) `text/CSS` is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

In addition to HTML, other markup languages support the use of CSS including XHTML, plain XML, SVG, and XUL.

CSS EXAMPLE

```
body {  
  background-colour: light blue;  
}
```

```
h1 {
```

```
    color: white;
    text-align: center;
}

p {
    font-family: verdana;
    font-size: 20px;
}
```

JAVASCRIPT

JavaScript often abbreviated as **JS**, is a programming language that conforms to the ECMAScript specification.^[7] JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

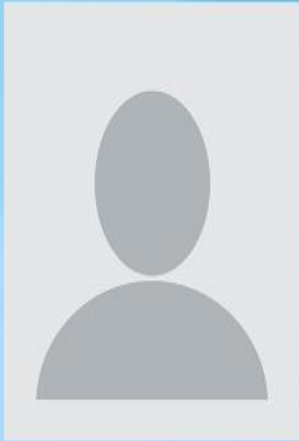
Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web.^[8] JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it for client-side page behaviour,^[9] and all major web browsers have a dedicated JavaScript engine to execute it.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM). However, the language itself does not include any input/output (I/O), such as networking, storage, or graphics facilities, as the host environment (usually a web browser) provides those APIs.


JavaScript engines were originally used only in web browsers, but they are now embedded in server-side website deployments, usually via Node.js. They are also embedded in a variety of applications created with frameworks such as Electron and Cordova.


Although there are similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in

design.



Sign in Here





[Forget Password](#)

THE 1ST PAGE

STUDENT RECORD MANAGEMENT SYSTEM

Home	About	Things to do	Map	Direct
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• News

Student Information

First Name:

Last Name:

☐ male
☐ Female

☐ International
☐ National

Select Course:

COMPUTER SCIENCE ▼

Tell us about yourself

Please tell us more about yourself

submit



Education

THE 2ND PAGE

12:47
11/04/2020

file | C:\Users\Admin\Desktop\lro\cs3320\project\RAD3.html

Submit

ID	FirstName	LastName	Sex	BirthDate	Phone
2345	Carlos	Fin	MALE	1999-05-30	+255754333378
2389	kim	Banks	FEMALE	1997-08-04	+255754383998
2346	Atreus	Suigetsu	MALE	1999-11-10	+255754000998
2366	Kratos	Roger	MALE	2000-02-30	+255756457998
2377	Henry	Ronald	MALE	2000-02-30	+255448337998
2330	Adam	Fred	MALE	2000-01-23	+255754347898
2365	Abigail	Finlay	FEMALE	1998-06-31	+255754374898

CLICK TO ACCEPT THE TIMETABLE

1ST PAGE

It's basically the logging in page which has as incorporation of HTML and CSS, specifically external stylesheet. As there is a form for filling out a username and a password and a place to recover your password.

2nd PAGE

This is the main page of the management system as it includes from a filling out form and a drop-down transparent bar navigation bar that includes most of the essential things from health care services, fees management and timetables option.

3rd page

This page exists to showcase the table from HTML. It has details from different students in the class.

REFERENCE

- YouTube channels
- W3school.com