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# Introduction

In today’s world people wants everything should be online for eg people used to go library to read books , issue books and return them but now user wants that the status of books availability , which type of books are in library can be checked online. So the aim is to create a website for the library that gives the information that the user wants by sitting home i.e online.

# Aim of the project

This website motive is to cater the requirements of the user who wants to check the availability of the books and order them and go to the library to read which helps them to grow and increase knowledge. Another aim is to create a Knowledge base which will help staff to organize the library information and materials. This website consisting of 3 pages i.e index , admin , login.

# Technology Used

This website is created with the help of some languages and some client side scripting language.

HTML5

HTML stands for Hyper Text Markup Language which is used to design static websites. Html have came up with different version over the time.

HTML 5 have features like:

* New Semantic Elements − These are like <header>, <footer>, and <section>.
* Forms 2.0 − HTML web forms where new attributes have been introduced for <input> tag.
* Persistent Local Storage – Local storage have been achieve without resorting to third-party plugins.
* WebSocket − Bidirectional communication technology for web applications.
* Server-Sent Events −Introduction to Server-Sent Events (SSE).
* Canvas – HTML 5 have two-dimensional drawing surface that you can program with JavaScript.
* Audio & Video − Embed audio or video on your webpages without resorting to third-party plugins.
* Geolocation − Now visitors can choose to share their physical location with your web application.
* Drag and drop − Drag and drop the items from one location to another location on the same webpage.

CSS3

CSS stands for Cascading Style Sheets which is used to format of a document written in markup language. Again CSS have different version over a period of time . Some of the CSS 3 features are

* Selectors
* Box Model
* Backgrounds
* Image Values and Replaced Content
* Text Effects
* 2D Transformations
* 3D Transformations
* Animations
* Multiple Column Layout
* User Interface

JavaScript

JavaScript is a lightweight client side scripting language. It is the most popular programming language in the world and that makes it a programmer’s great choice. Once you learnt Javascript, it helps you developing great front-end as well as back-end softwares using different Javascript based frameworks like jQuery, Node.JS etc. We have different framework in the market like Angular JS , React JS , Vue JS.

Features :

* Client side validation
* Manipulating HTML Pages
* User Notifications
* Back-end Data Loading
* Presentations
* Server Applications

# User Guide

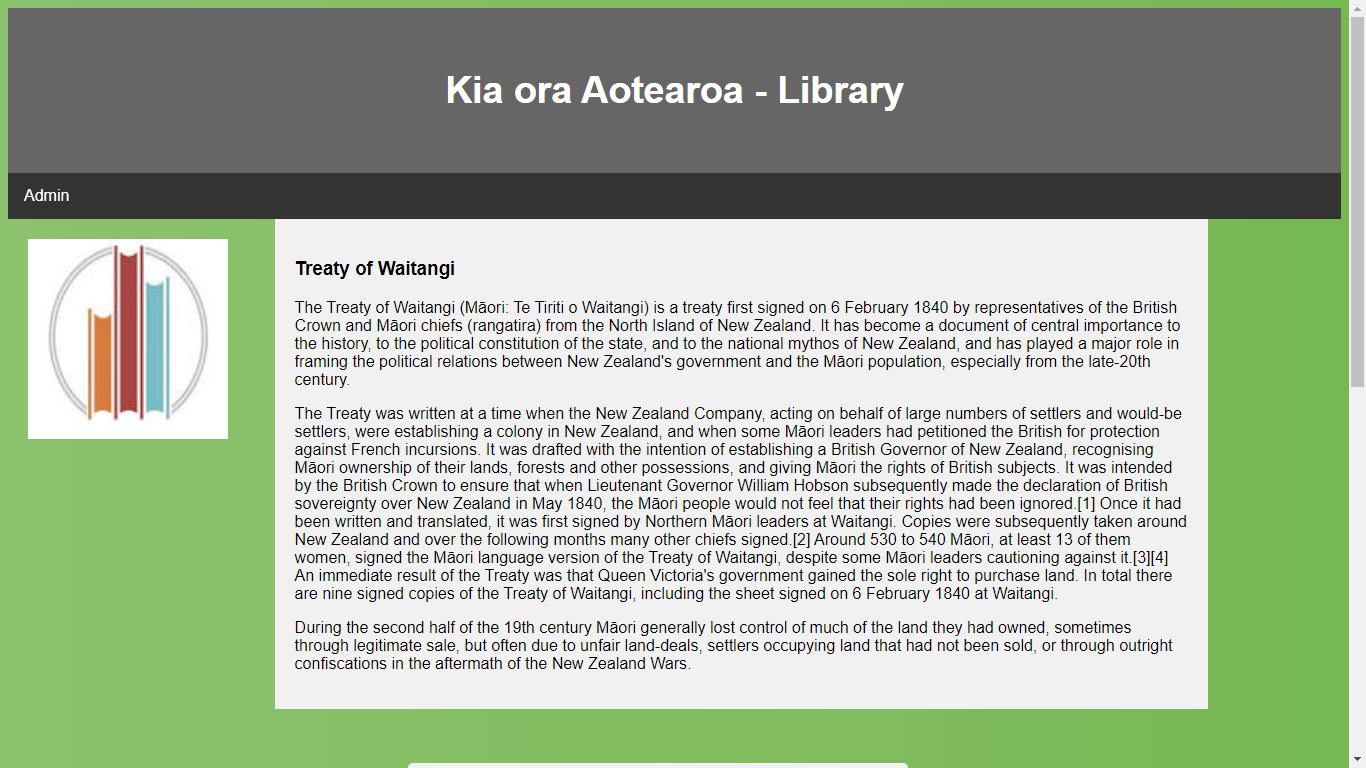
**Index.html**

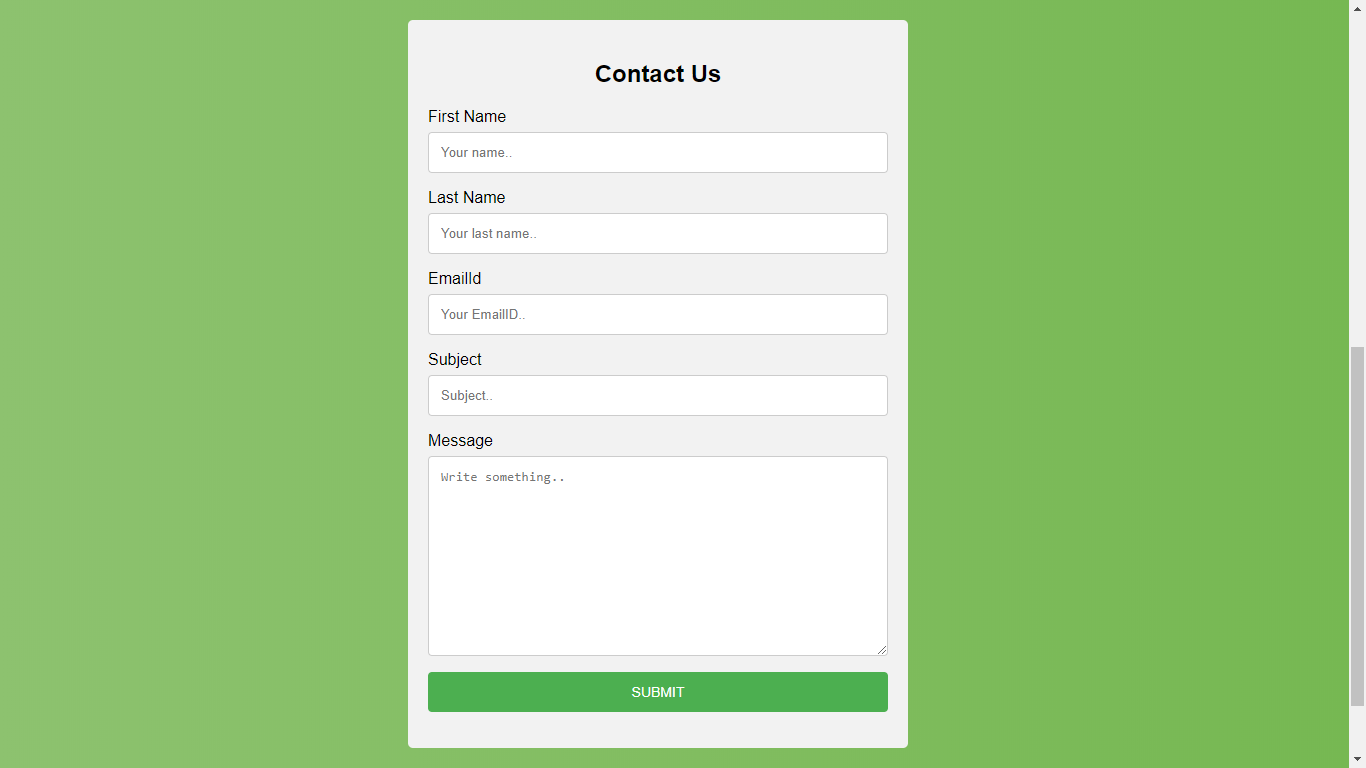
The user will open the index.html page that will be the first page of the website .

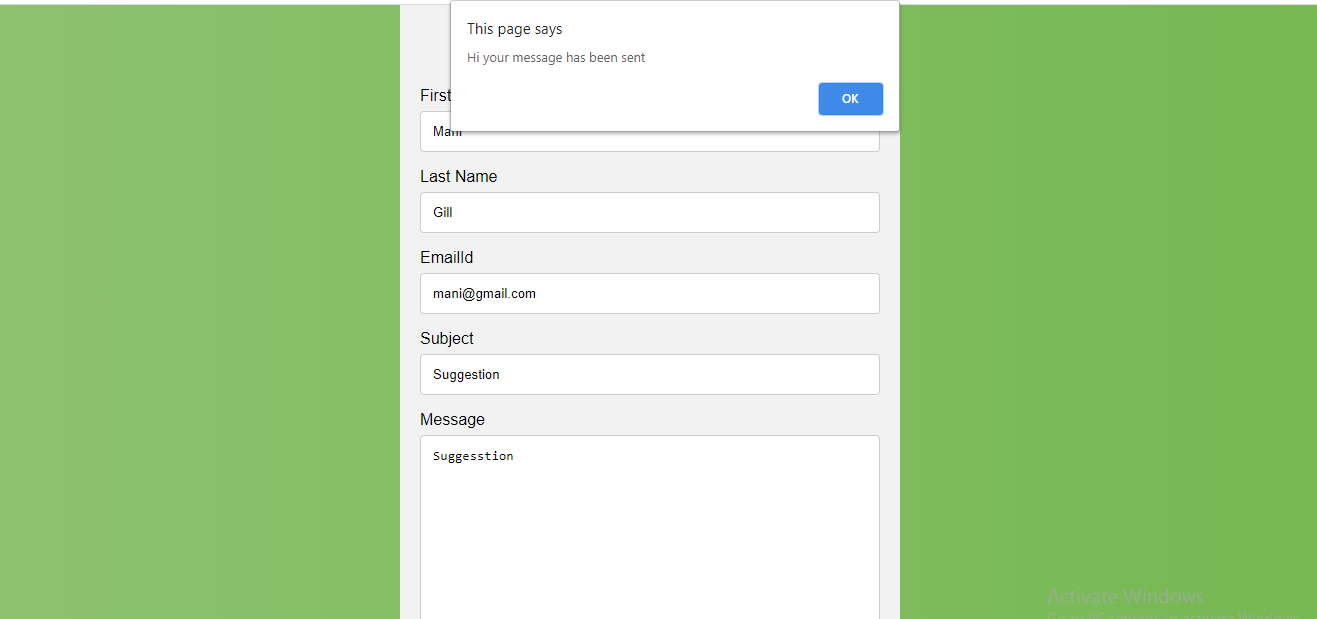
Features of this page

* Admin Login menu link is there to go the Admin Page.
* A brief description of the Treaty of Waitangi.
* A contact us form in which user can contact if he is having any query or suggestion.
* When a user puts in information and click the submits button a message will be displayed “Hi your message has been sent”.

**Screenshot**







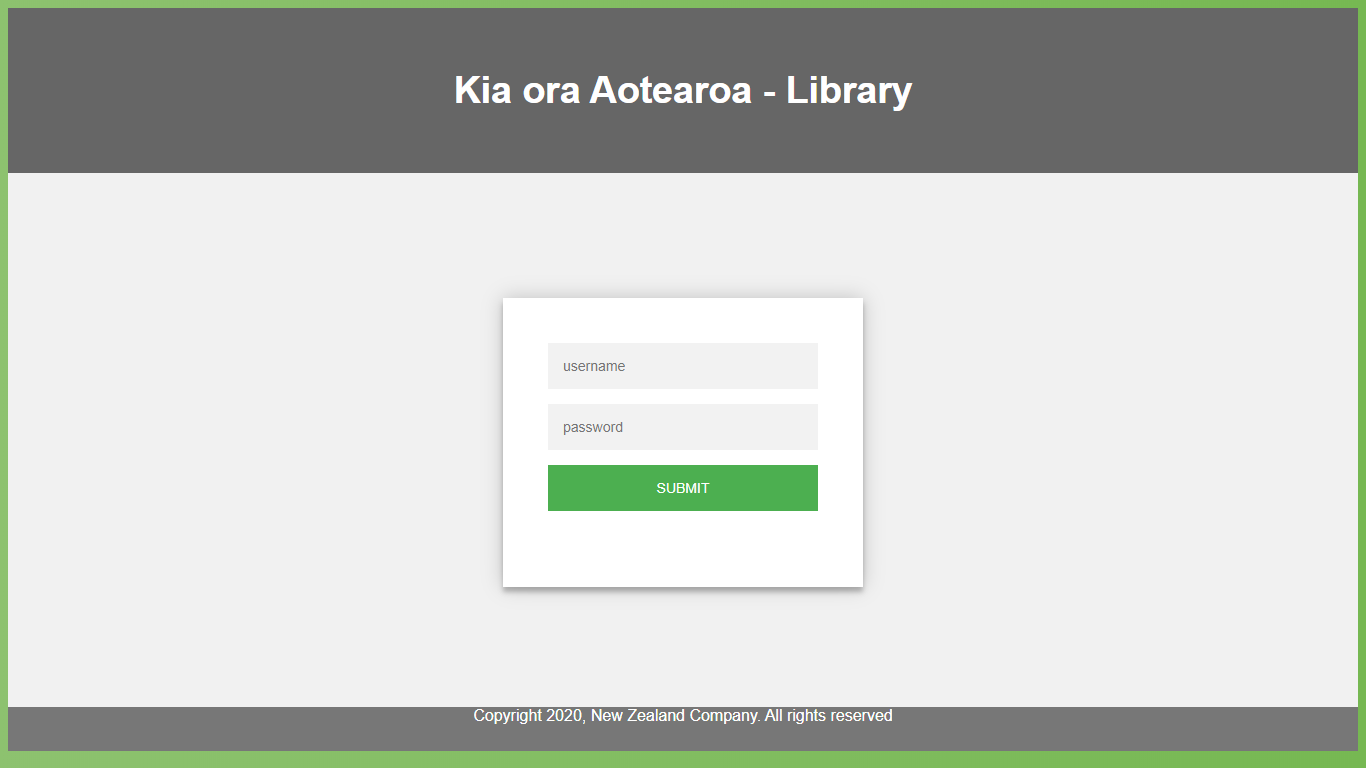
**Login.html**

This page opened when user clicks on Admin menu link on index page.

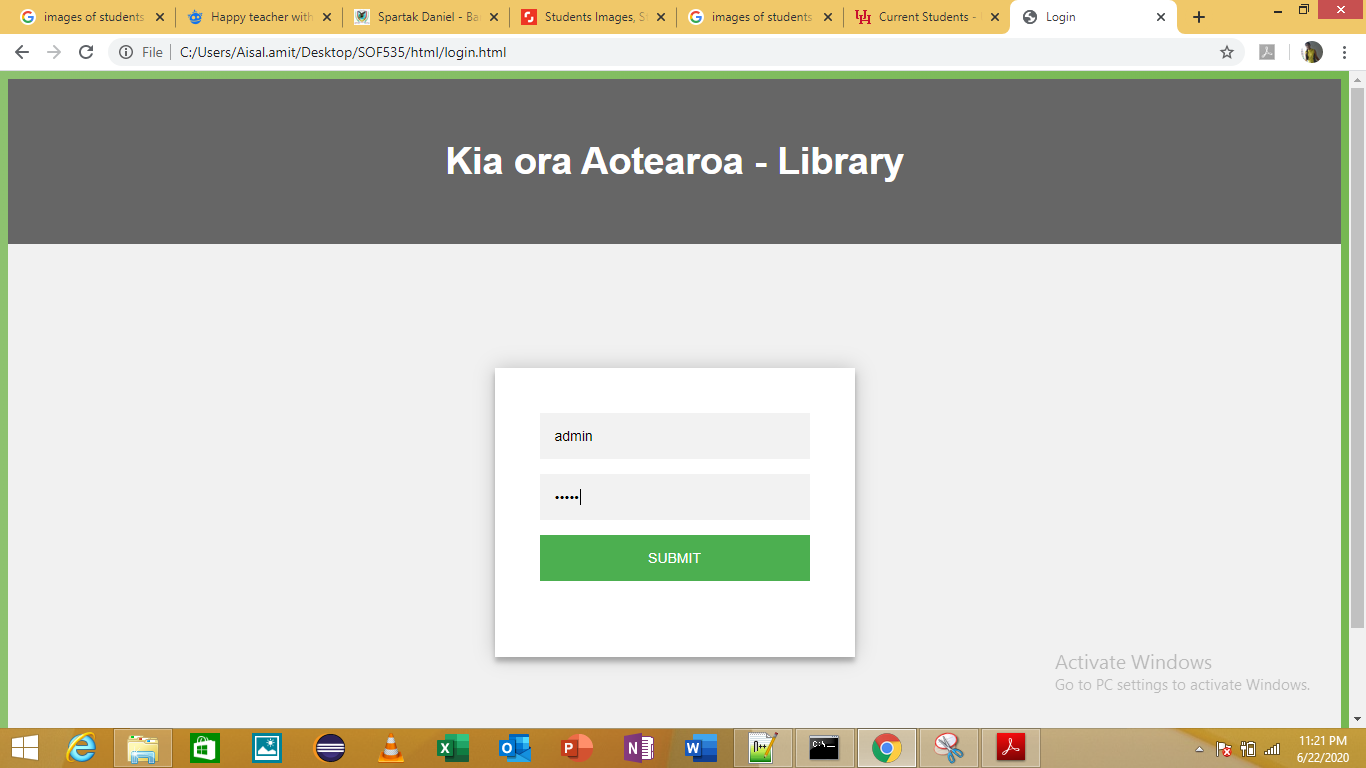
Features:

* This page will allow admin to login .
* When admin puts in his/her credentials and click on submit it will go to the admin.html page.

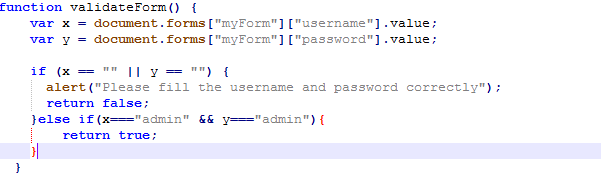
**Screenshot**



When user enters usersname as “admin” and password as “admin” it will redirect to the admin page.



Script used to validate user and check the emptiness of the fields



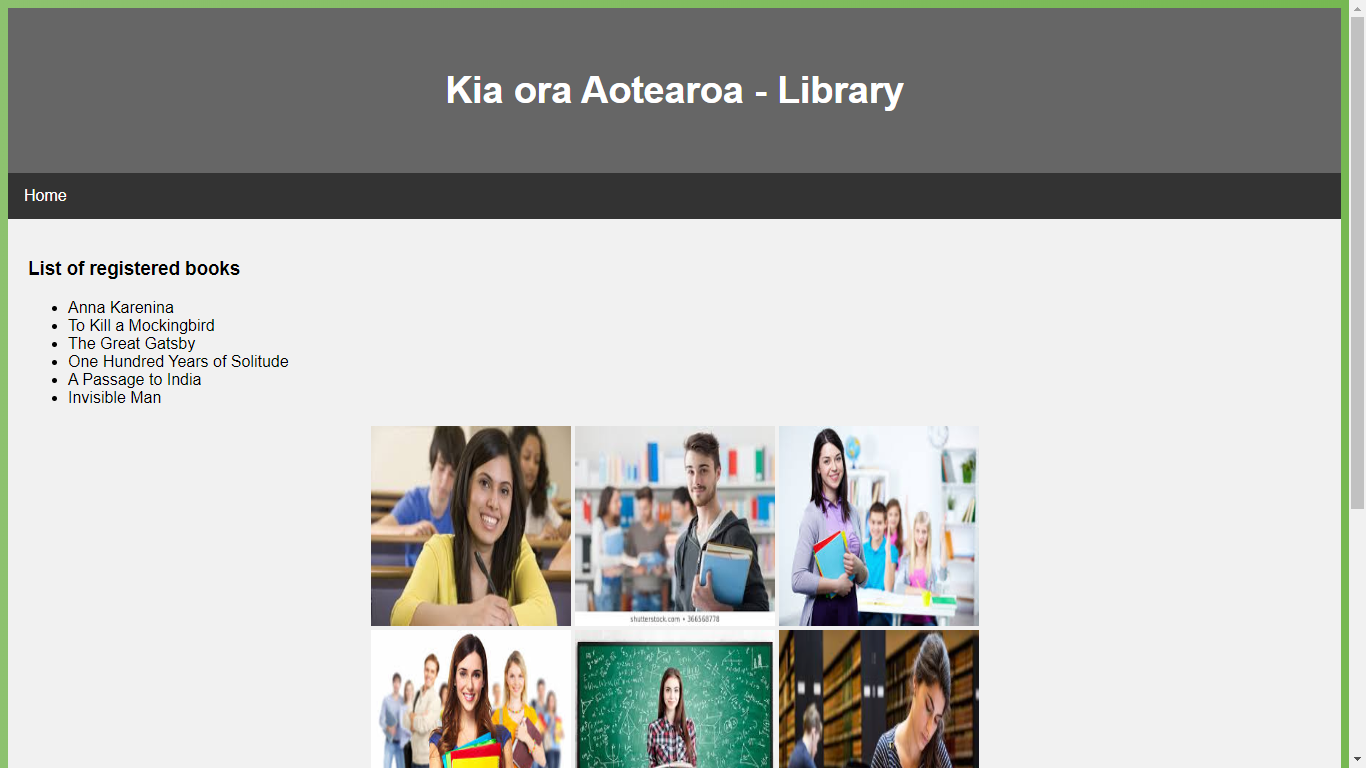
**Admin.html**

This page opens when admin puts in the credentials on the login page.

Features

* This page consists of list of books registered in the library
* It also consists of details of the books with their information like author , name , year , status

**Screenshot**





# References:

**Image sources:**

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