Smart Knowledge Provider

By

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Level-6

Final Project

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# Project Proposal

## Goals and Objectives

The main goal or aim of the project is to implement an online web application named “Smart Knowledge Provider”. The main purpose of the application is help people to find study material of different subject. In this application there are two types of users- admin and registered visitor. Admin has different functionalities as compare to registered visitor. Admin can add, edit, delete and check details of all books, all notes and video of different subject.

## Project Scope

The scope of this project is to implement an app named “Smart Knowledge Provider” with the help of which user can find any notes, books as well as video lecture. The duration of the project is 20 working days which is equals to 4 weeks.

## Project Specifications

* Admin login/logout
* Add, edit, delete and check details of notes, books and videos by admin.
* Admin can delete, edit and check subject categories.
* Admin can register new admins.
* Registered Visitor can login/logout.
* New Visitor can register.
* Visitor can download the notes, books and videos available on website.

## Target Audience

The target audience for this project is the learner who would like to enhance knowledge of their subject and their latest information. The age can go from 10 plus to 60 plus.

## Project Deliverables

The deliverables of the project are:

|  |  |
| --- | --- |
| **Deliverable** | **Description** |
| Final Report | This will be the final report of the project. |
| Coding | The executable code of the project will go under this. |
| Documentation | This portrays the documentation of the project. |
| Testing | All the test details will be covered in this part. |

## Resource Requirements

* Windows Operating System.
* Microsoft word for documentation.
* Asp.net MVC Framework
* 64-bit Processor and 4 GB or more RAM
* Identity framework- ASP

## Project Tasks and Milestones

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tasks** | **Week-1** | **Week-2** | **Week-3** | **Week-4** |
| Brainstorming and analysis |  |  |  |  |
| Planning and initial meeting Project Proposal document. |  |  |  |  |
| Database Design and UI Design |  |  |  |  |
| Identity framework implementation |  |  |  |  |
| Coding for admin and reporter |  |  |  |  |
| Testing |  |  |  |  |
| Final Documentation and closing |  |  |  |  |

## Project Assumptions

Following are the assumption made while implementing the project:

* One admin and registered visitor will be registered by default.
* Application will be free and open source.

# Project Report

#### Functional and Non-Functional

|  |  |
| --- | --- |
| Users | Functional |
| Admin | * Login/logout * Register new admins * Admin can add, edit, delete, check details for subject categories. * Admin can edit, delete and check details for books, notes and videos. |
| Customer | * Can view details of books, notes and videos entries. * Can download the books, notes and videos. * New customers can register for free. * Login using valid credentials |
|  | Non- Functional |
|  | * High speed * Fast Loading time * High performance and security * All browsers compatibility. |

## Detail Design

### 

### Home Page

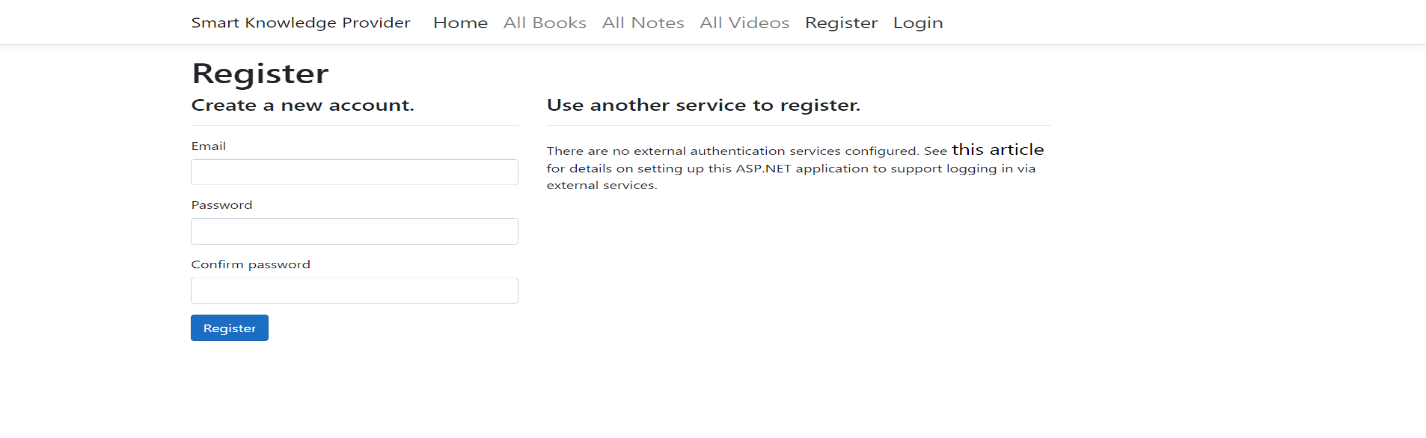
The main landing page of the application. On navigation bar options are- Home, All Books, All Notes, All Videos, Register, Login.



### 

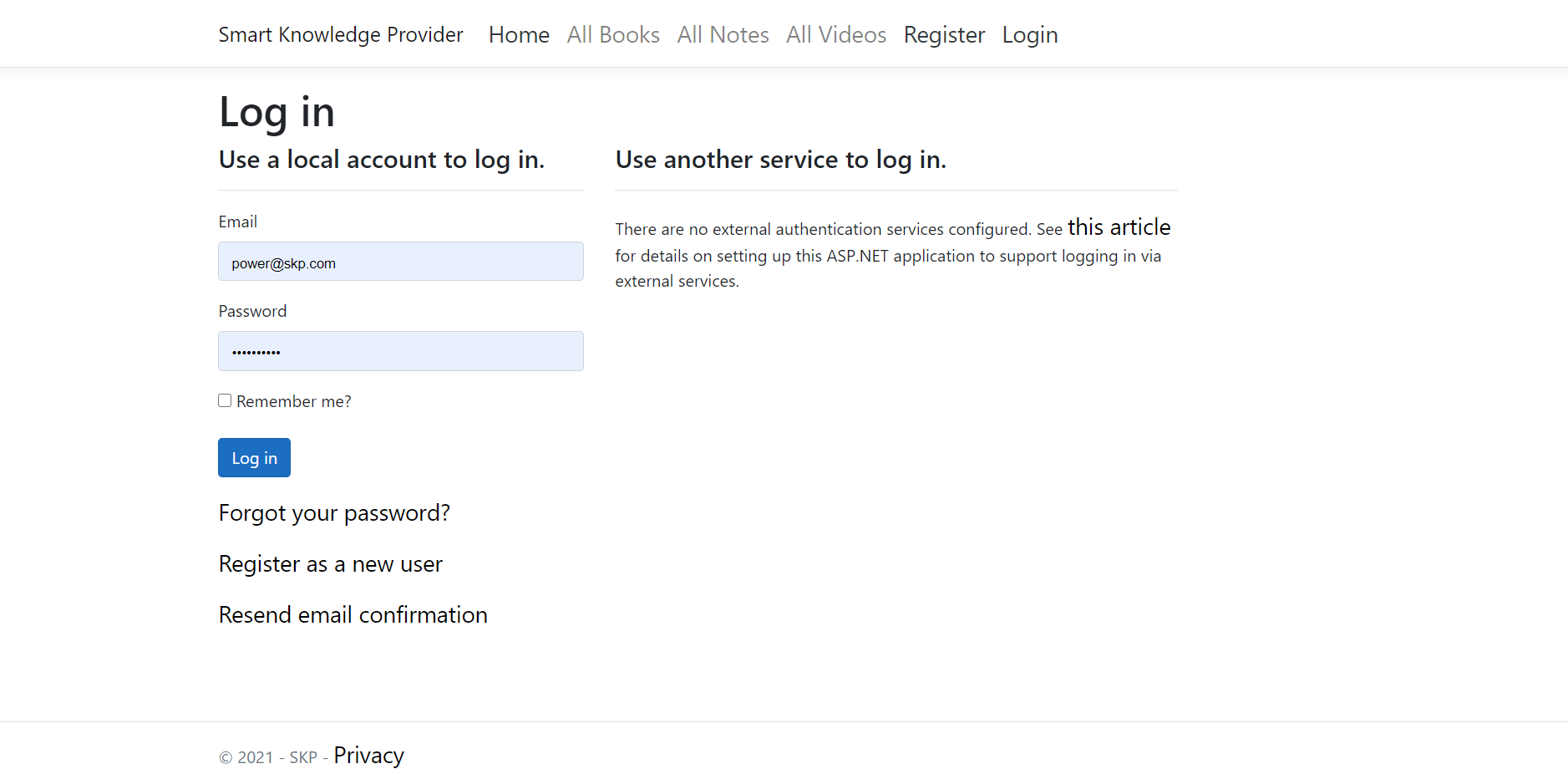
### Registration Page

With the help of this page, new registered visitor can sign up for the app



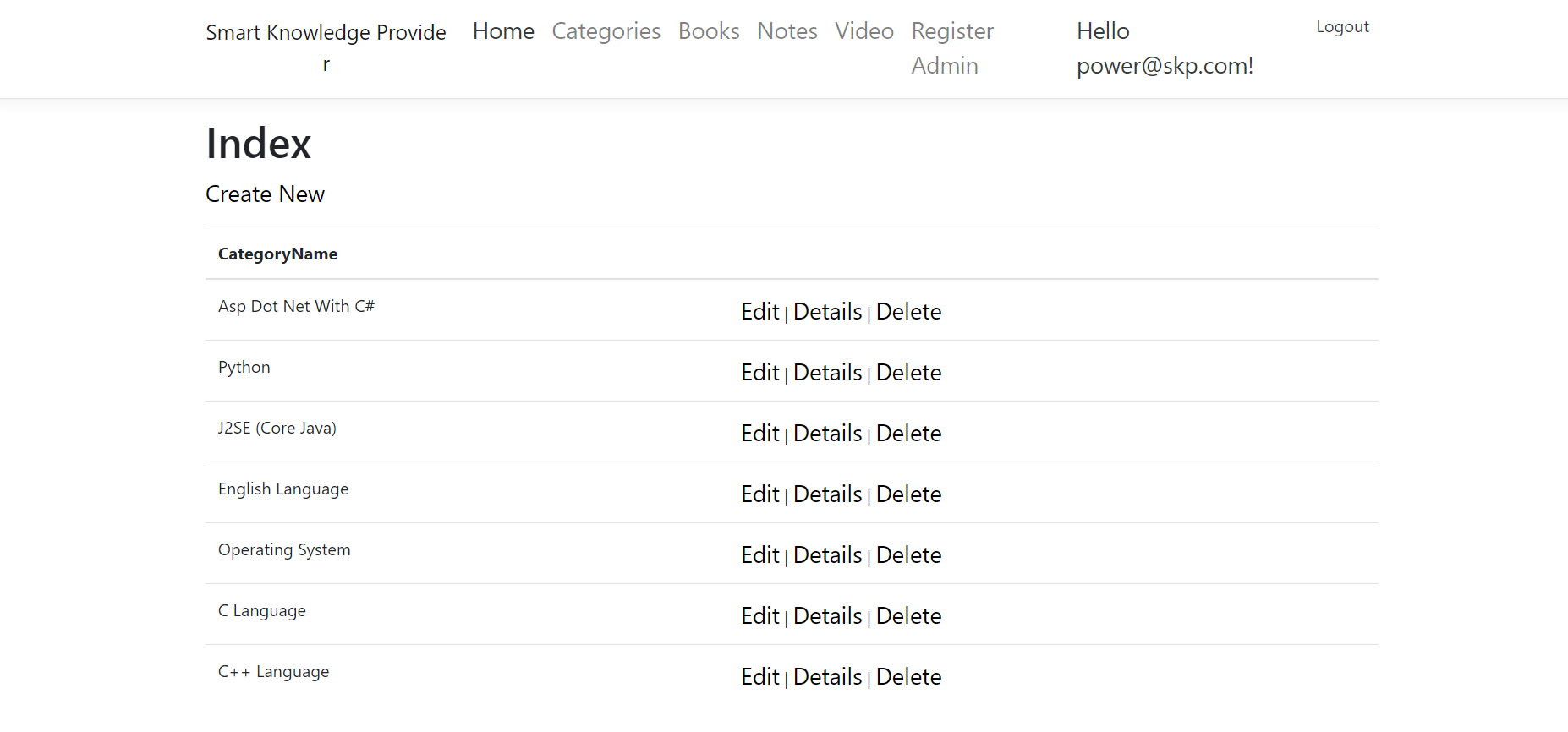
### Login Page

With the help of this page, registered visitor and admin can login to the application using their valid credentials.



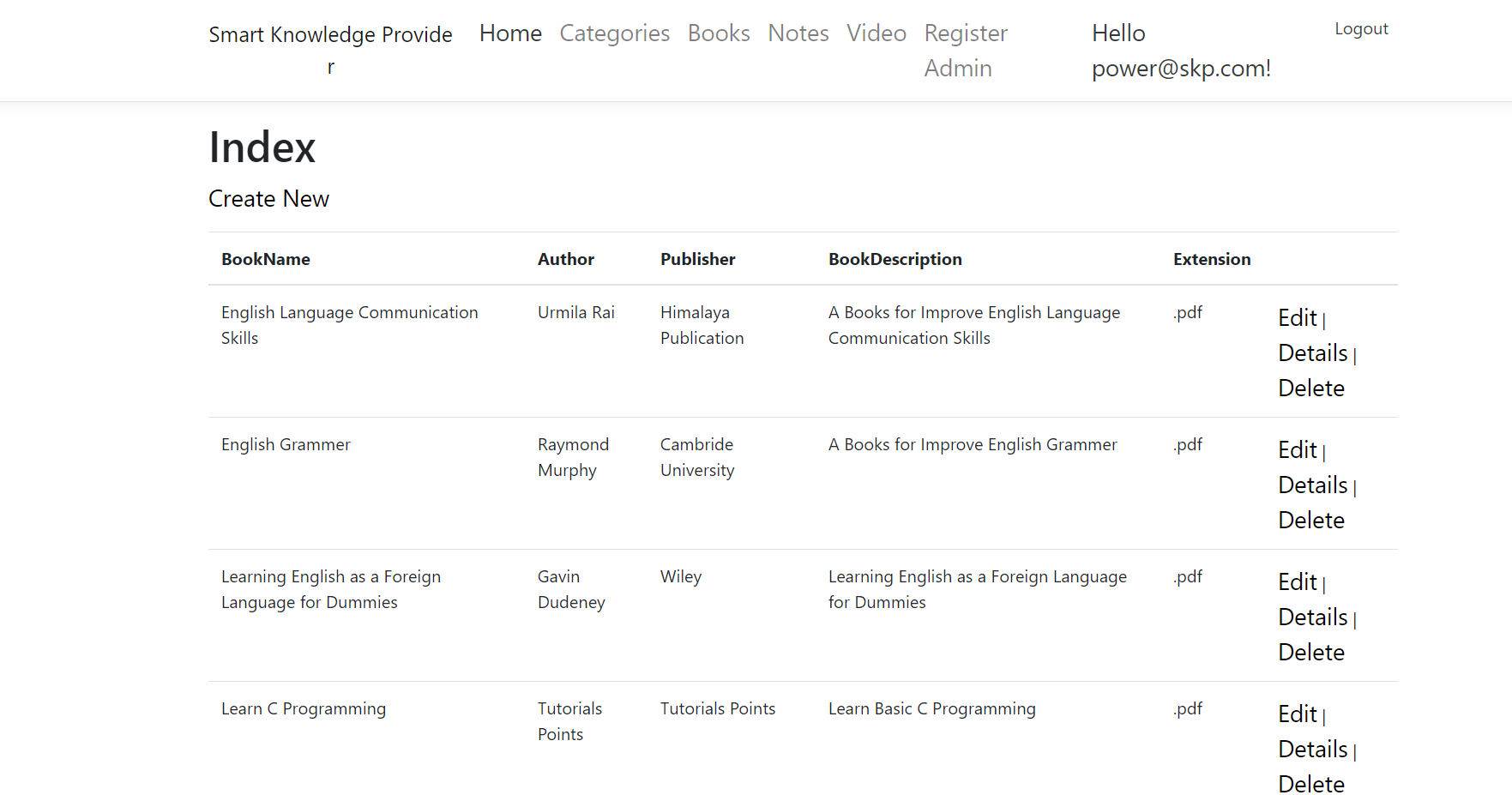
### All Categories Admin View

This page highlights all the Subject Categories available on the application. Admin can add new Subject Category, edit, delete and check details of the existing ones.



### Book Details Page Admin View

With the help of this page admin can manage the book details by editing, deleting and checking their details.



### All Book Page Visitor View

With the help of this page Visitor can view All Book Categories details.



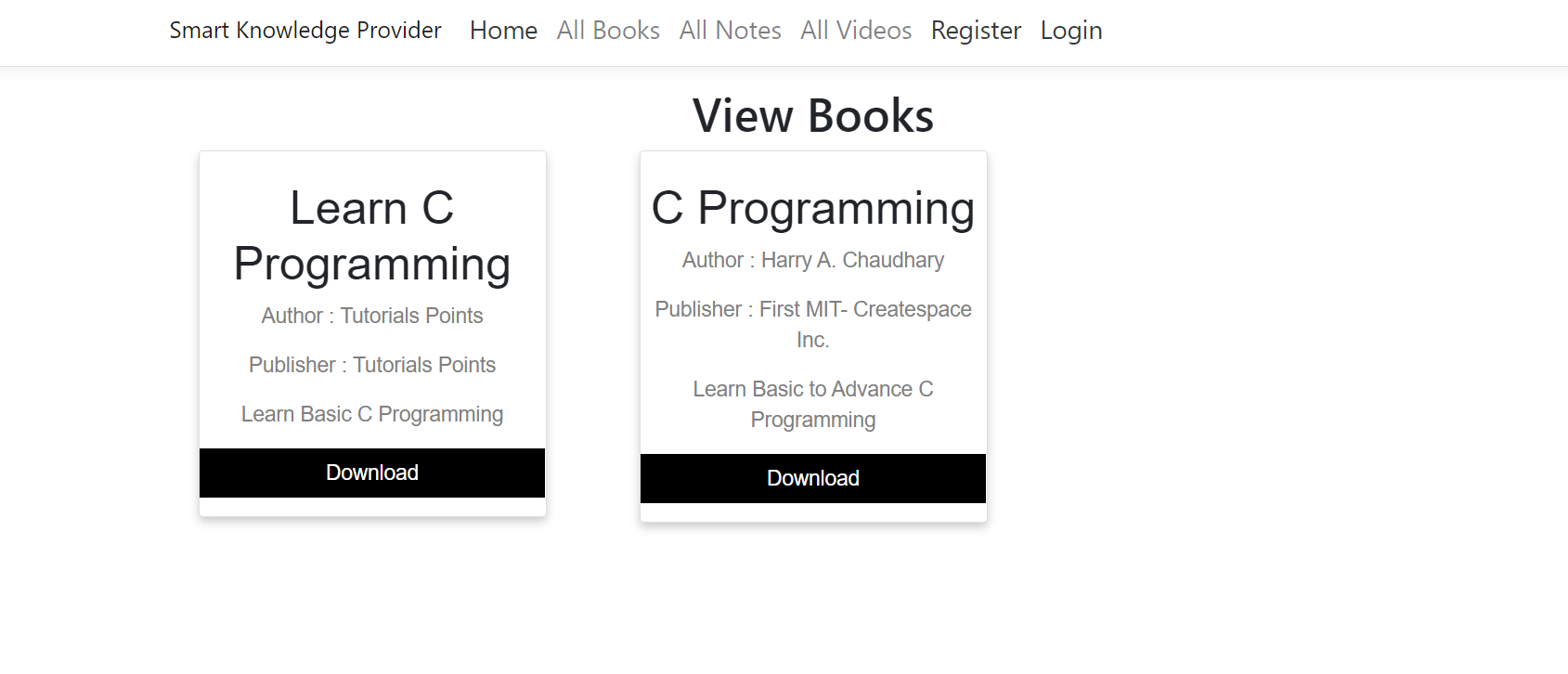
### All Notes Page Visitor View

With the help of this page visitor can check the details of the Notes Categories.



### Download Book Page Customer View

This page shows the All Available Book and their Download Links



## Project Testing

The testing file for usability testing is attached as [usability test.xlsx](usability%20test.xlsx)

# User Manual

The main purpose of the application Smart Knowledge is to help people to find knowledge of their choice based and they can also decide the format of it like books, notes or video format. In this application there are two types of users- admin and registered user or visitor customer. Admin has different functionalities as compare to customers. Admin can add, edit, delete and check details of subject categories. Admin can edit, delete and check details of the books, notes and videos entries. Also, registered user have authority to download the study materials.

## Summary

### System Configuration

This app will be useful to for distributing books, notes and videos information in presentable format.

### User Access Levels

Only registered users can access the features of this application.

* **Admin:** Admin has full access of the app can register new admins.
* **Registered Visitor:** New visitor can register and existing can login using their own credentials. They have limited access.