PROJECT SYNOPSIS WITH WATERMARK

Contents

1. INTRODUCTION

1.1 PURPOSE

This design will detail the implementation of the requirements as defined in the Software Requirements Specification – synopsis with watermark.

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1. System Overview

In this module is used to download the synopsis with watermark.

The unregistered students can login via Google account and Facebook without paying amount.

After log in process they will enter into watermark module design and they have to choose their department and get select the project title.

Finally they can able to download the project synopsis with Crisp solution watermark.

2. Design Considerations

All design considerations will be handled in Angular JS .

2. 2.1 Watermark Design

The watermark design and controller will be handled in Angular JS.

It has two design pages. One is the student can choose their department and it will enter the second page show the department related project title and synopsis.

3. 2.2 Project Head

First the student have to select the project heads like hardware, software, embedded, mechanical, mechatronics, etc…

4. 2.3 Department

Second step is a department selection. Hardware department has mechanical, embedded, Automobile, etc…

Software department has JAVA, .NET, PHP, Android, etc… students must select their category for choose the project title.

5. 2.4 Project Title

After select the department the second design page will show the project titles and other department files will be hiding.

6. 2.5 Watermark

Finally the students can able to see the synopsis with watermark.

If they download the PDF file means it will print the document files with watermark.

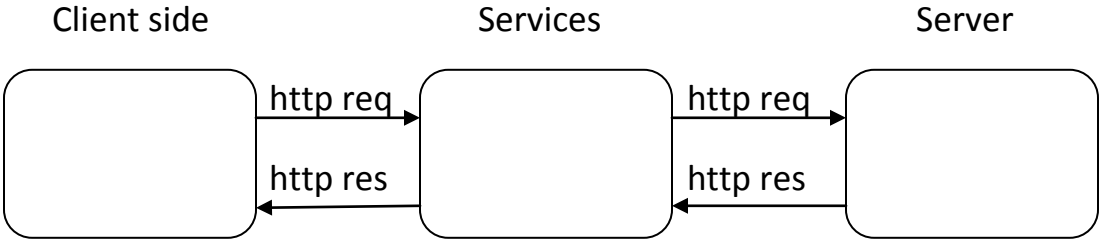
7. 2.6 Class and Functions

In angular JS controller going to use getAllData functions to get the all data from the database.

Have to use many functions here. But now I am not having any idea. After done this module I will update my functionalities.

8. 3. Server

The server side will be handled by node JS.



The client side requests and server side response are transmitted through angular services.

9. 3.1 Tables, Fields and Relationships

Table Name	Field Name	Data Type	Allow Nulls	Field Description
unRegStudent	Projecthead	Varchar(50)		In this field have the project heads .it is used to the students can choose their category.
unRegStudent	Department	Varchar(50)		The every department will be assigned.
unRegStudent	Subheads	Varchar(50)		The project subheads are given.
unRegStudent	Title	Varchar(50)		The project titles are used to choose the different project concepts.
unRegStudent	synopsis	Varchar(50)		It has project synopsis files and images.
unRegStudent	id	Int(10)		Count the number of files in database.

10. 3.2 Functionalities in server

Using express method we can connect the HTML path and SQL server with node JS.

Get method is used get the data from the database table and pass it to MVC (Model View Controller) through services. It's give proper response to the angular controller requests.

The database has many files like XML, XSLT, etc… have to convert the every file to PDF format and apply the watermark.

I will update the conversion and applying the watermark query method later.