

GLA UNIVERSITY
Institute of Engineering & Technology



E-Learning
(Web Based Learning System)
Mid-Term Report

By

Anubhav Bhardwaj (181500107)
Amit Kumar Chaudhary (181500085)
Vibhaw Kumar (181500786)
Abhishek (181500012)

Supervised By

Mr. Akash Kumar Choudhary
(Asst. Professor)

Department of Computer Engineering & Applications

DECLARATION

We certify that the work contained in this report is original and has been done by us under the guidance of my supervisor(s).

- a. The work has not been submitted to any other Institute for any degree or diploma.
- b. We have followed the guidelines provided by the Institute in preparing the report.
- c. We have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
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Name and Signature of Project Team Members:

| Sr. No. | University No. | Name of students | Signature of students |
|----------------|-----------------------|-------------------------|------------------------------|
| 1. | 181500107 | Anubhav Bhardwaj | |
| 2. | 181500085 | Amit Kumar Chaudhary | |
| 3. | 181500786 | Vibhaw Kumar | |
| 4. | 181500012 | Abhishek | |

GLA University, MATHURA



CERTIFICATE

Certified that the project report entitled, **“E-Learning (web based learning system)”** is a bonafide work done under my guidance by **Anubhav Bhardwaj, Amit Kumar Chaudhary, Vibhaw Kumar, Abhishek**

Date: __/__/__

Sign. Of Mentor

LIST OF FIGURES

ACKNOWLEDGEMENT

We have immense pleasure in expressing our sincerest and deepest sense of gratitude towards our Mentor **Mr. Akash Kumar Chaudhary** for the assistance, valuable guidance and co-operation in carrying out this Project successfully. We have developed this project with the help of Faculty members of our institute and we are extremely grateful to all of them. We also take this opportunity to thank Head of the Department **Prof. Shailendra Kumar Mishra**, and Dean of Chameli Devi Group of Institutions, **Dr. K.S. Jairaj** , for providing the required facilities in completing this project. We are greatly thankful to our parents, friends and faculty members for their motivation, guidance and help whenever needed.

Name and signature of team Members:

1. Anubhav Bhardwaj
2. Amit Kumar Chaudhary
3. Vibhaw Kumar
4. Abhishek

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Chapter-1

Introduction of the Project E-learning Website

The "E-learning Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. E- Learning Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Student, Assignment, QUIZ, CLASS, and QUESTION. Every E-learning Management System has different Assignment needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

1.1 Abstract of the Project E-learning Management System:

The purpose of E-learning Management System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. E-learning Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

Functionalities provided by E-learning Management System:

- Provides the searching facilities based on various factors. Such as Assignment, TEACHER, QUIZ, QUESTION.
- E-learning Management System also manage the CLASS details online for QUIZ details, QUESTION details, Assignment.
- It tracks all the information of Student, CLASS, and QUIZ etc
- Manage the information of Student.
- Shows the information and description of the Assignment, TEACHER
- To increase efficiency of managing the Assignment, Student.
- It deals with monitoring the information and transactions of QUIZ.
- Manage the information of Assignment
- Editing, adding and updating of Records is improved which results in proper resource management of Assignment data.
- Manage the information of QUIZ
- Integration of all records of QUESTION.

1.2 Scope of the project E-learning Management System:

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to E-learning Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of E-learning Management System.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate Have a good user interface
- Be expandable
- Delivered on schedule within the budget.

1.3 Reports of E-learning Management System:

- It generates the report on Assignment, Student, and CLASS
- Provide filter reports on TEACHER, QUIZ, and QUESTION
- You can easily export PDF for the Assignment, CLASS, and QUIZ
- Application also provides excel export for Student, TEACHER, QUESTION
- You can also export the report into csv format for Assignment, Student, and QUESTION.

1.4 Modules E-learning Management System:

- Assignment Management Module: Used for managing the Assignment details.
- QUESTION Module: Used for managing the details of QUESTION
- CLASS Module: Used for managing the details of CLASS
- Student Management Module: Used for managing the information and details of the Student.
- TEACHER Module: Used for managing the TEACHER details
- QUIZ Module: Used for managing the QUIZ information's
- Login Module: Used for managing the login details
- Users Module: Used for managing the users of the system

Focused Modules:

- **Registration:-**

In this, first the interested students get registered by selecting their desired username and password and by providing the necessary details.

Then each user profile will be maintained which can be edited by the user when desired. Each person will register only one time. Details of each person along with their username and password is saved permanently in the database.

- **Login:-**

After providing the correct username and password, the user log's in to the e-Learning system's homepage. There the user can select the available subjects to further learn about them. If user enter wrong username or password then they block their account temporary and after some security verification they will able to access their account.

- **Homepage:-**

After providing the correct username and password, the user log's in to the e-Learning system's homepage. Here at the homepage there are many choice for user to learn different languages like C, C++ ,Java etc.

User can take following helps:-

1. Tutorials about the language.
2. View programs in the language.
3. Playing quiz about the language.
4. Download notes and programs.

- **Quiz:** - user play the quiz on appropriate language and immediately take the result. On each question user get the marks, there is no negative marking in quiz.

1.5 Objective

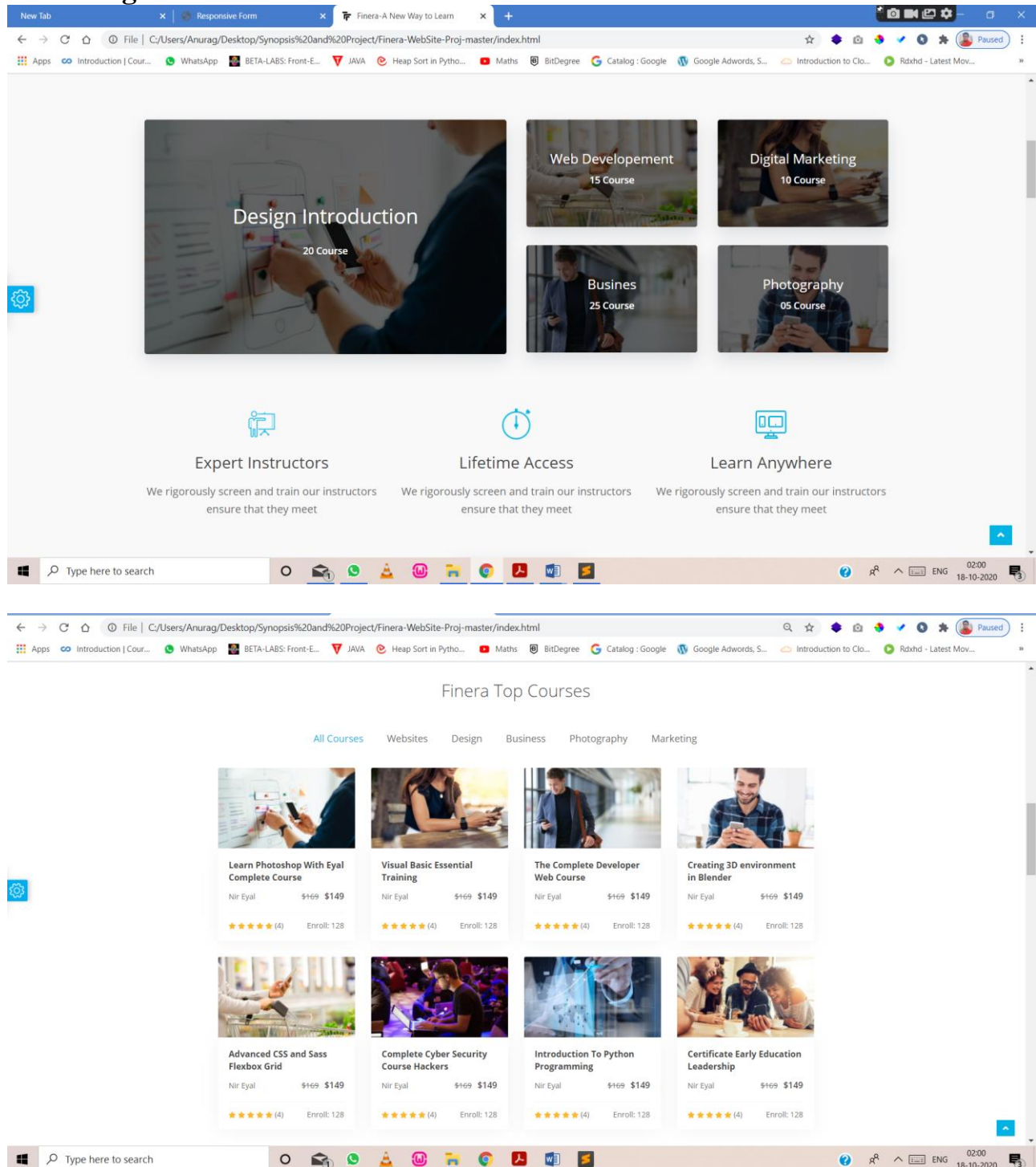
The main objective behind this project is to provide a user friendly environment to provide knowledge and give everyone a chance to learn, irrespective of where they are, provided they register themselves with the system.

The main features that the system provides can be made use of, once the registered people select their interested subject and take a starter test. This helps to establish incremental learning process. After taking this, based on their level of competence, they can take available tutorials, take online tests and also discuss an issue/topic by posting messages in the discussion forum. Along with this they can also take real time simulations of the most widely known competitive exams.

Project on E-learning Management System is to manage the details of Assignment, Student, TEACHER, QUIZ, QUESTION. It manages all the information about Assignment, CLASS, QUESTION, Assignment. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Assignment, Student, CLASS, TEACHER. It tracks all the details about the TEACHER, QUIZ, QUESTION

Some Snapshots of the project

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Our Best Instructor


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Developer, Marketo




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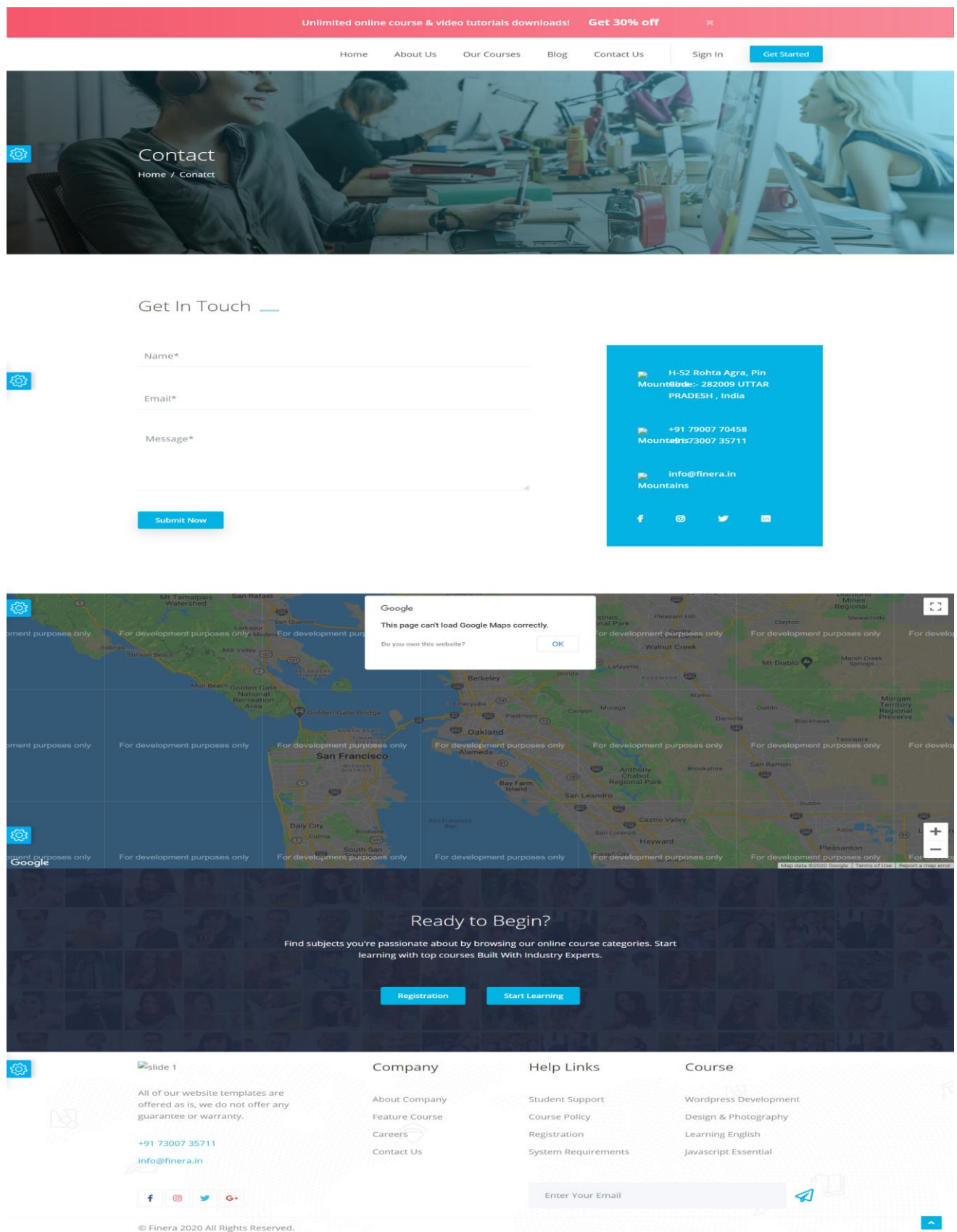
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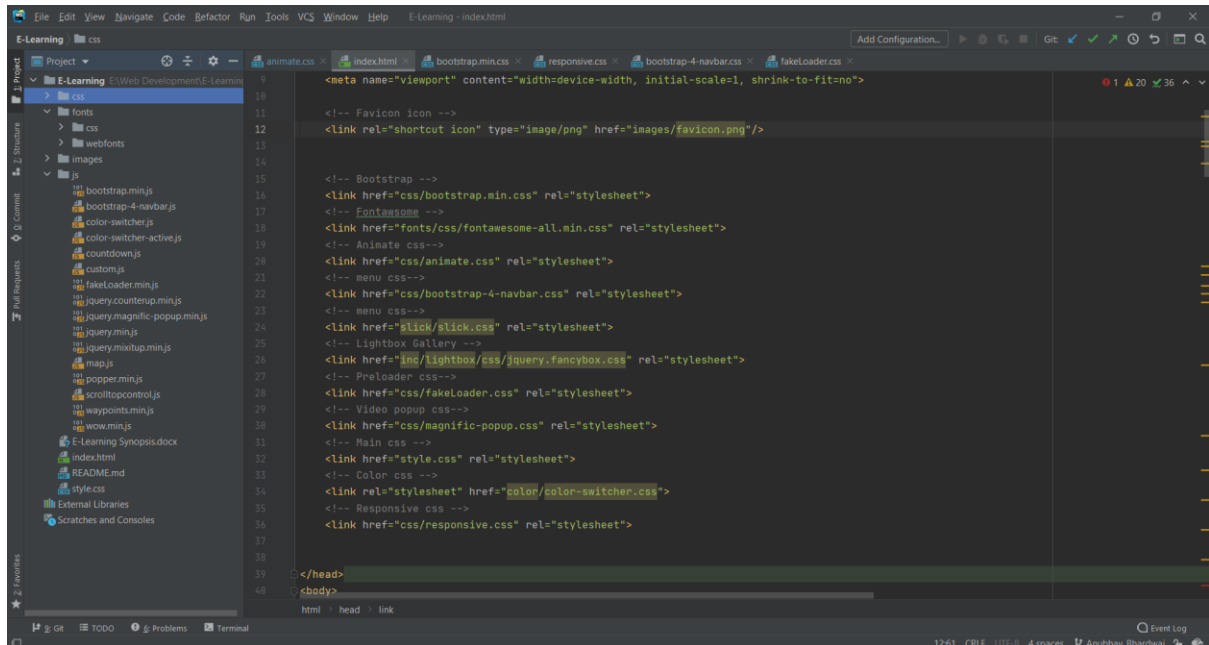


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Some Pics of Working Code

Index Page Code:



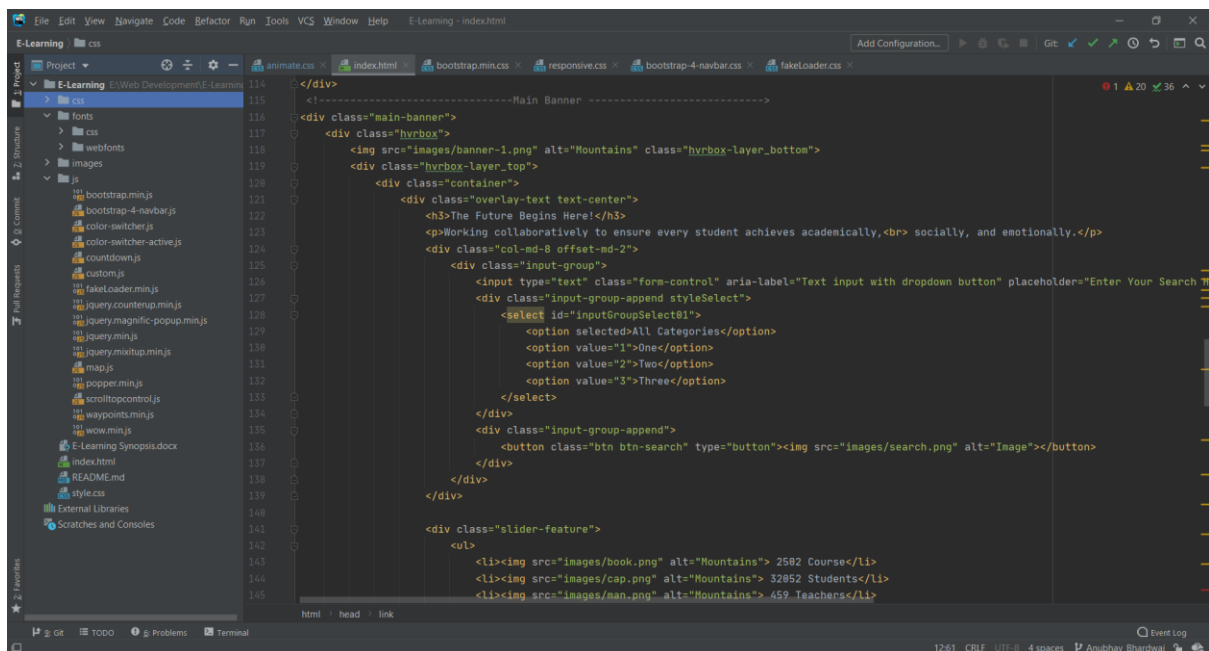
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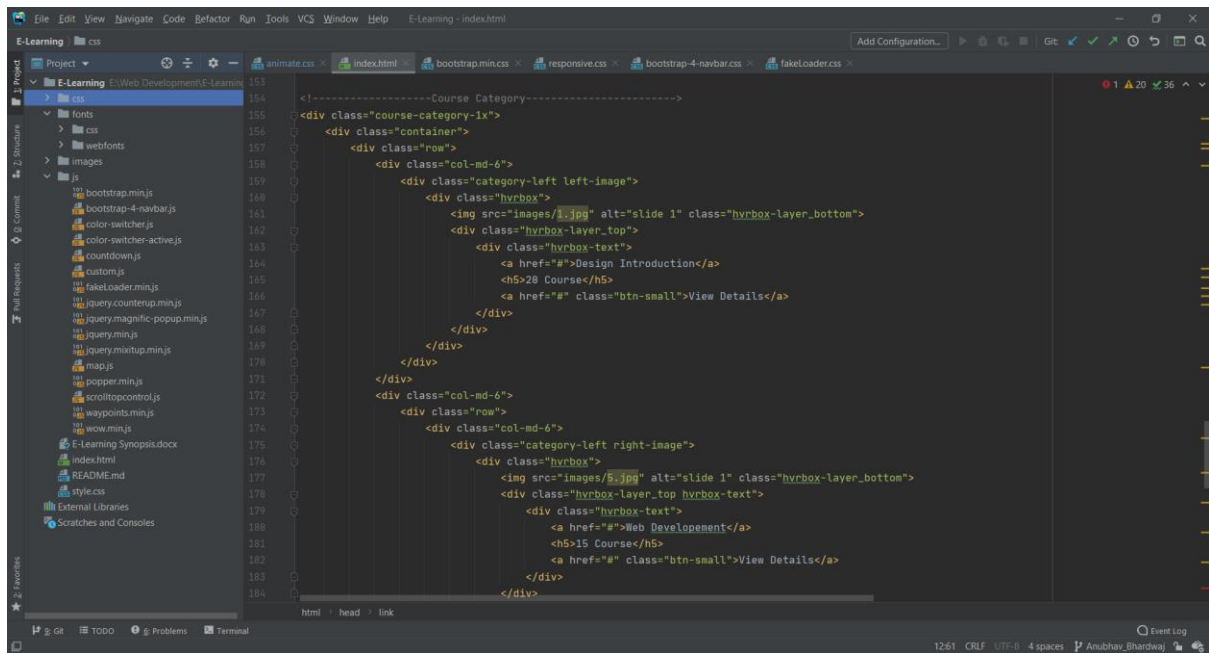
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<!-- Font awesome -->
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<link href="css/animate.css" rel="stylesheet">
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<!-- menu css -->
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<!-- Preloader css -->
<link href="css/fakeLoader.css" rel="stylesheet">
<!-- Video popup css -->
<link href="css/magnific-popup.css" rel="stylesheet">
<!-- Main css -->
<link href="style.css" rel="stylesheet">
<!-- Color css -->
<link rel="stylesheet" href="css/color/color-switcher.css">
<!-- Responsive css -->
<link href="css/responsive.css" rel="stylesheet">

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<body>
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```

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<!-- Main Banner -->
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  <div class="hvrbox">
    
    <div class="hvrbox-layer_top">
      <div class="container">
        <div class="overlay-text text-center">
          <h3>The Future Begins Here</h3>
          <p>Working collaboratively to ensure every student achieves academically, socially, and emotionally.</p>
        </div>
        <div class="col-md-8 offset-md-2">
          <div class="input-group">
            <input type="text" class="form-control" aria-label="Text input with dropdown button" placeholder="Enter Your Search">
            <div class="input-group-append styleSelect">
              <select id="inputGroupSelect01">
                <option selected>All Categories</option>
                <option value="1">One</option>
                <option value="2">Two</option>
                <option value="3">Three</option>
              </select>
            </div>
            <div class="input-group-append">
              <button class="btn btn-search" type="button"></button>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
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      <li> 2502 Course</li>
      <li> 32852 Students</li>
      <li> 459 Teachers</li>
    </ul>
  </div>
</div>
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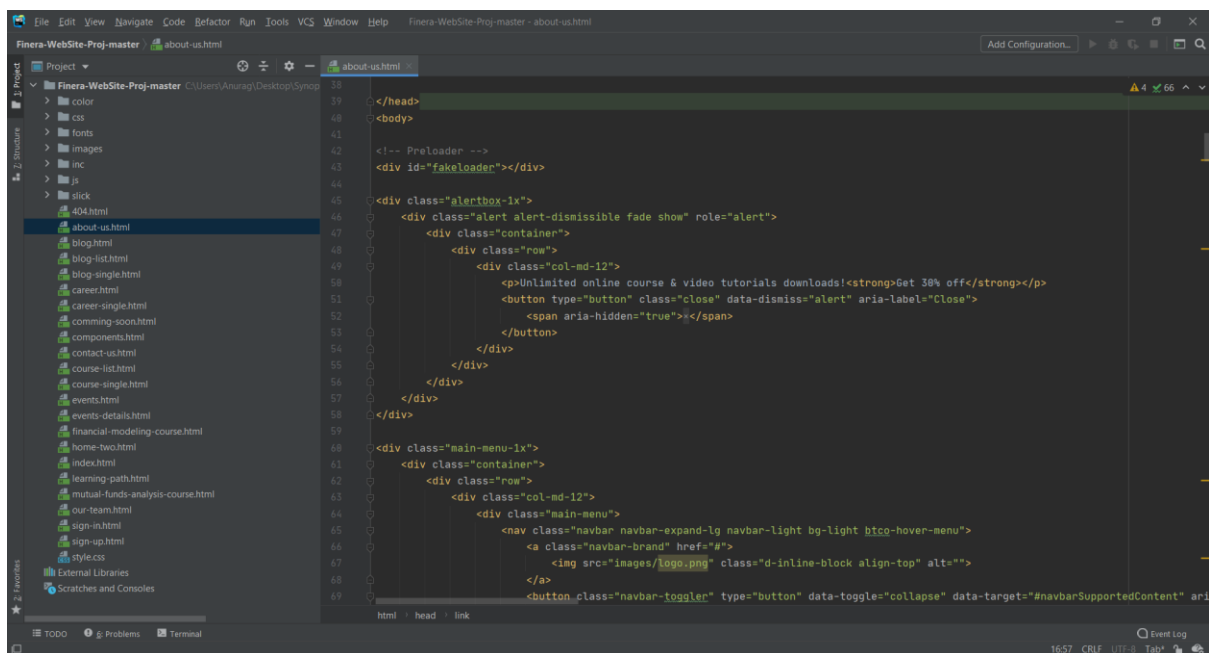


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            <div class="hvrbox-layer_top">
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                <h5>20 Course</h5>
                <a href="#" class="btn-small">View Details</a>
              </div>
            </div>
          </div>
        </div>
      </div>
      <div class="col-md-6">
        <div class="row">
          <div class="col-md-6">
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              <div class="hvrbox">
                
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                  <div class="hvrbox-text">
                    <a href="#">Web Development</a>
                    <h5>15 Course</h5>
                    <a href="#" class="btn-small">View Details</a>
                  </div>
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              </div>
            </div>
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      </div>
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  </div>
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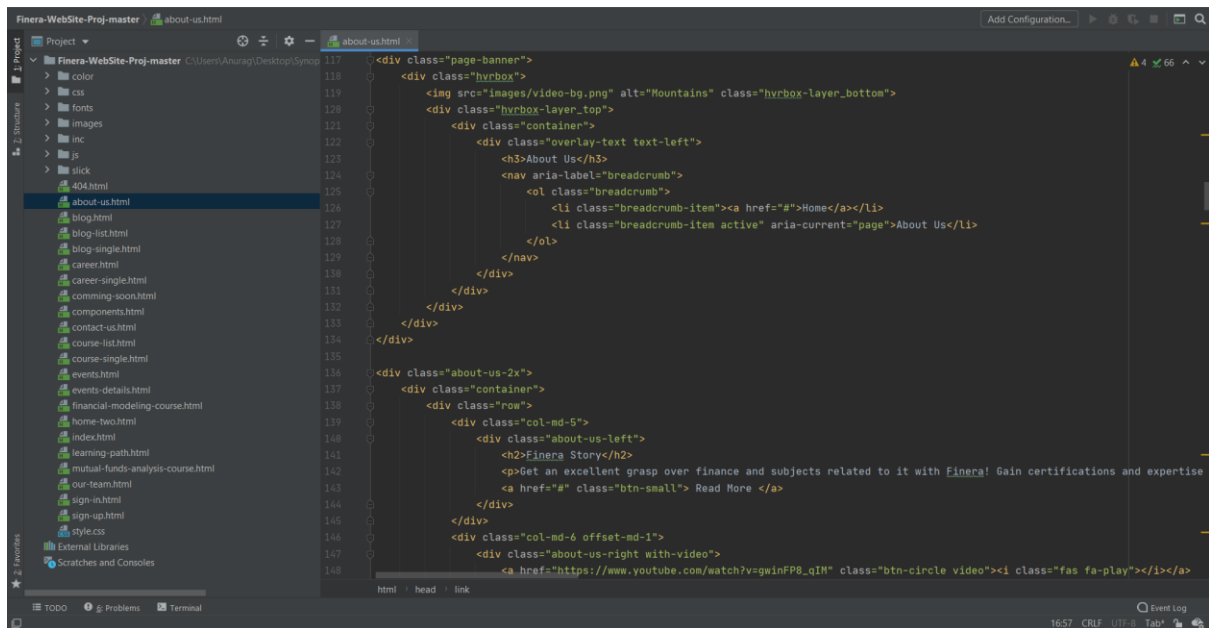
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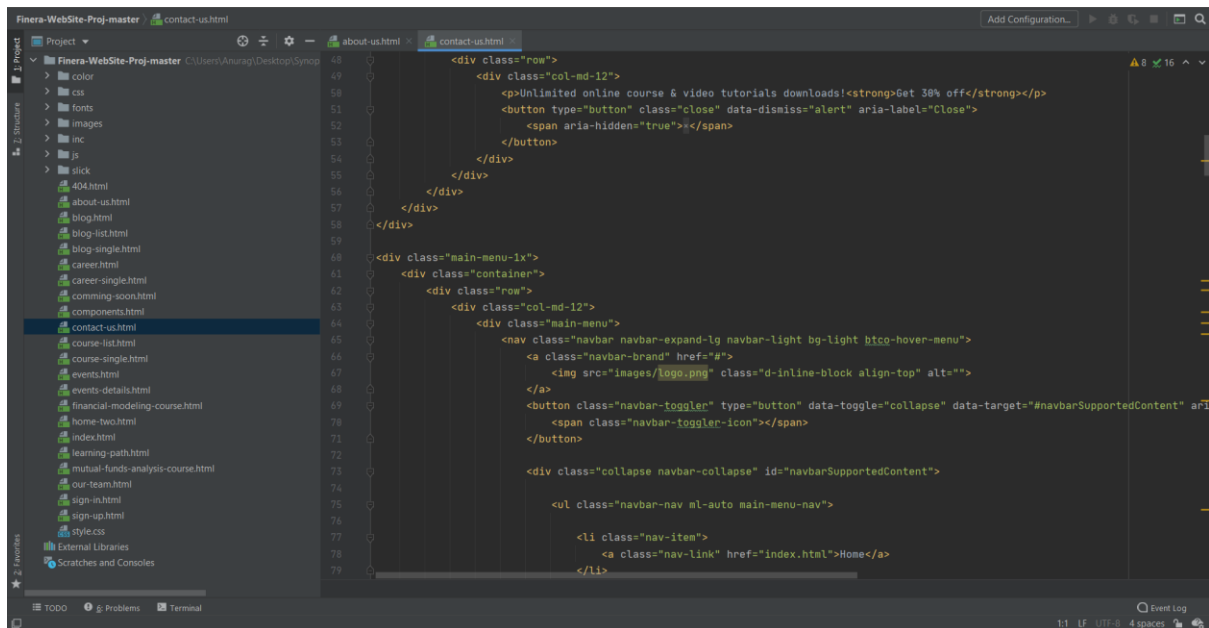
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    <div class="alert alert-dismissible fade show" role="alert">
      <div class="container">
        <div class="row">
          <div class="col-md-12">
            <p>Unlimited online course & video tutorials downloads!<strong>Get 30% off</strong></p>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
              <span aria-hidden="true"></span>
            </button>
          </div>
        </div>
      </div>
    </div>
  </div>
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        <div class="col-md-12">
          <div class="main-menu">
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              <a class="navbar-brand" href="#">
                
              </a>
              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" ari

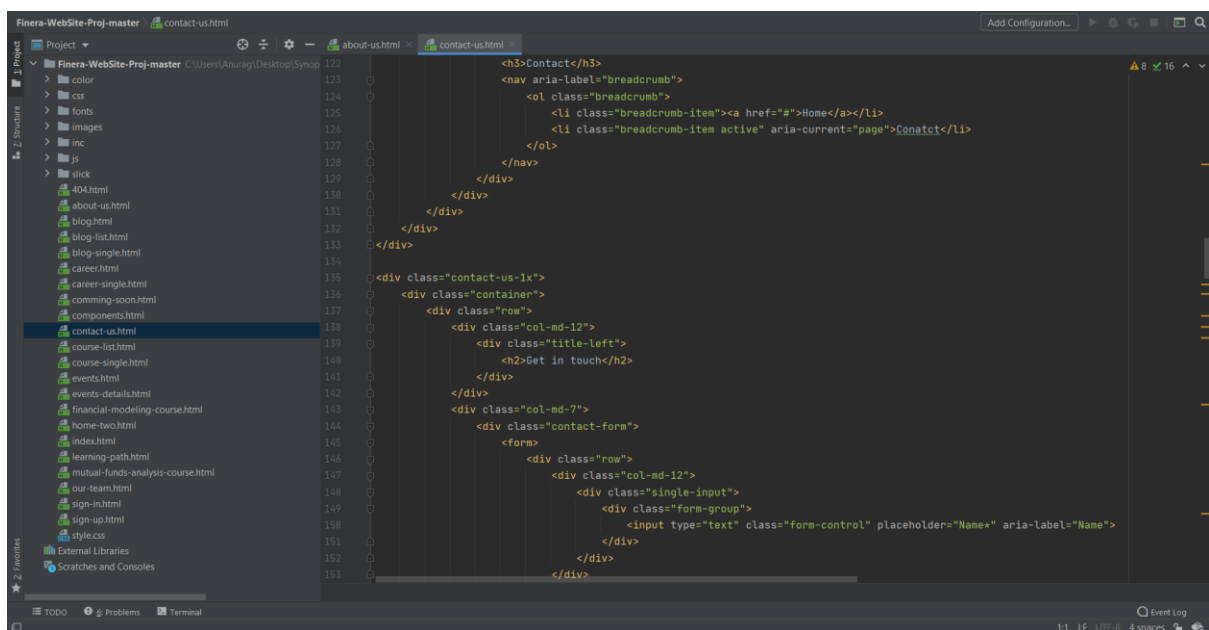
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51     <button type="button" class="close" data-dismiss="alert" aria-label="Close">
52       <span aria-hidden="true"></span>
53     </button>
54   </div>
55 </div>
56 </div>
57 </div>
58 </div>
59
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61   <div class="container">
62     <div class="row">
63       <div class="col-md-12">
64         <div class="main-menu">
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66             <a class="navbar-brand" href="#">
67               
68             </a>
69             <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" ar
70               <span class="navbar-toggler-icon"></span>
71             </button>
72
73             <div class="collapse navbar-collapse" id="navbarSupportedContent">
74
75               <ul class="navbar-nav ml-auto main-menu-nav">
76
77                 <li class="nav-item">
78                   <a class="nav-link" href="index.html">Home</a>
79                 </li>
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```
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124   <ol class="breadcrumb">
125     <li class="breadcrumb-item"><a href="#">Home</a></li>
126     <li class="breadcrumb-item active" aria-current="page">Contact</li>
127   </ol>
128 </nav>
129 </div>
130 </div>
131 </div>
132 </div>
133 </div>
134
135 <div class="contact-us-1x">
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138       <div class="col-md-12">
139         <div class="title-left">
140           <h2>Get in touch</h2>
141         </div>
142       </div>
143       <div class="col-md-7">
144         <div class="contact-form">
145           <form>
146             <div class="row">
147               <div class="col-md-12">
148                 <div class="single-input">
149                   <div class="form-group">
150                     <input type="text" class="form-control" placeholder="Name" aria-label="Name">
151                   </div>
152                 </div>
153             </div>
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