



# **Front- End Web Development: Learnation**

## **Contributors: -**

- |                 |                 |
|-----------------|-----------------|
| 1. 1813091 Extc | Dhairya Kataria |
| 2. 1814061 IT   | Jash shah       |
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| 4. 1812006 Etrx | Sushant Bansal  |
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## **Objectives:**

To make a website for students of Engineering to learn good courses on it and enroll for their academic activities.

To provide an external income to the students , who have the ability to teach a subject or a course fluently to the batchmate,juniors or seniors as well.

**Software used-** VS CODE, SUBLIME TEXT, ATOM, SQL, MONGO-DB

**Concepts required**-HTML, CSS, BOOTSTRAP, JS, NODE-JS, DATABASE, JQUERY.

**Website-**<https://learnation2020.herokuapp.com/>(initial test running)

<http://learnation.co.in/> (currently under process for backend work)

## **Internship Hours Completed By Individual:-**

1. Sankalp Jain-----80 Hrs
2. Tirth Thaker-----60 Hrs
3. Dhairya Kataria-----60 Hrs
4. Jash Shah-----60 Hrs
5. Sushant Bansal-----60 Hrs

## **Acknowledgement :-**

This was the first ever web development project for each individual who completed this project. 3 students belong to non-it/comps (coding background) branches and they successfully learned frontend languages and their proper implementation. At the initial stage of this project problems were faced by every individual as everyone had the knowledge to write code but had no experience with proper implementation and execution and making it live.

## **Timeline:-**

Project started on--- 14sep, 2020 till 26 October

Duration ----- 6weeks(working days)

### **1. Week 1**

#### **Worked on:-**

implementing changes and modifications in the basic blueprint of the website to make it easy to access and not to miss anything while giving it a professional approach.

Designing what all to be used e.g carousel ,cards ,forms etc and choosing which colour combinations plus design of website like font style etc.

Started with working on homepage.

#### **Individual Contribution:-**

1. Sankalp Jain-----10 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs

4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## **2. Week 2**

### **Worked on:-**

Preparing Home page adding carousel, card carousel and bottom upcoming events.

We hardcoded every detail into the cards and prepared a modal separately for every card. 10 modals were hard coded. Later it was looped by the back end and info was pushed from the database.

A proper simple format for footers was made and tried a bit of fonts and used the most suitable ones.

### **Individual Contribution:-**

1. Sankalp Jain-----10 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs
4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## **3. Week 3**

### **Worked on:-**

We completed the incomplete design of modals for booking as it was very unprofessional.

Coded and routed the modals to open onclick as we were facing some troubles with modals openings.

Prepared My booking and tutor booking page separately and used stationary cards in them, later on hardcoded modals. Added search and filter like operations on these pages to get appropriate results easily.

Prepared a help page , login modals and signup modals. Later on worked on separating modals but were unable to work that properly. To come over that created separate pages for login and signup.

Started working on making the website responsive.

#### **Individual Contribution:-**

1. Sankalp Jain-----15 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs
4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## **4. Week 4**

#### **Worked on:-**

Started working on a profile page for tutor and students. Designed input style for textarea with table for setting availability of tutor for hiring purpose.

Prepared notifications page with two tables of internally scrollable and inspected google classroom todo to take code and combine with ours.

Worked on making each and every page of the website responsive to make it fit properly to devices of all screen sizes so the content is properly visible.

Each poster and carousel image was entered thrice in different formats for devices of 3 different size format desktop, tab and phone view.

Frontend prototype testing was conducted to overcome any issues that would have arrived before making the website live on heroku app.

#### **Individual Contribution:-**

1. Sankalp Jain-----15 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs
4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## 5. Week 5

### Worked on:-

Carousels on the homepage were modified and an alternative was designed as card carousels had some js issues. A poster was used to replace it . Later on A proper professional approach was given to replace the poster and was replaced with 2 cards with inbuilt carousel and modals.

Notification section in the bottom of the homepage was modified to make it look professional and making it get easily synchronized with the backend.

Join as a tutor section was designed at the bottom with onclick collapse to take minimum possible space plus providing maximum information and making it efficient.

Footer was re-designed to give a professional approach and easy to read format with proper icons.

Routes were added to every page and final testing of Front end was conducted. Some issues that arrived at final prototype testing were corrected and responsive limits were changed to proper limits before making the website live on <http://learnation.co.in/> .

### Individual Contribution:-

1. Sankalp Jain-----15 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs
4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## 6. Week 6

### Worked on:-

Worked on preparing the admin panel pages and entering all the data input type and information displaying units.

Routes were provided to the pages and final prototype testing was done before handing it over to the backend team after resolving the issues arrived.

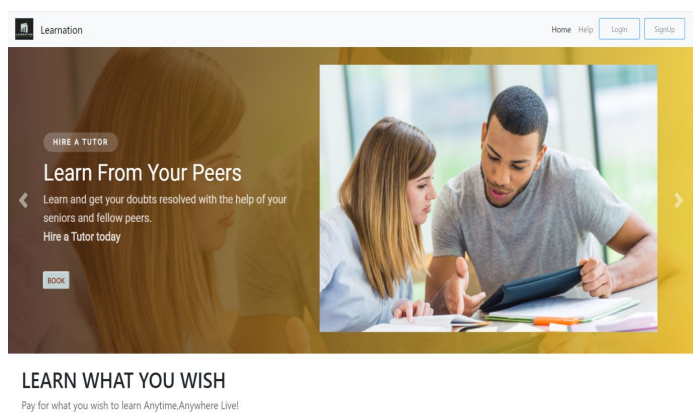
### Individual Contribution:-

1. Sankalp Jain-----15 Hrs
2. Tirth Thaker-----10 Hrs
3. Dhariya Katariya-----10 Hrs
4. Jash Shah-----10 Hrs
5. Sushant Bansal-----10 Hrs

## Project Overview

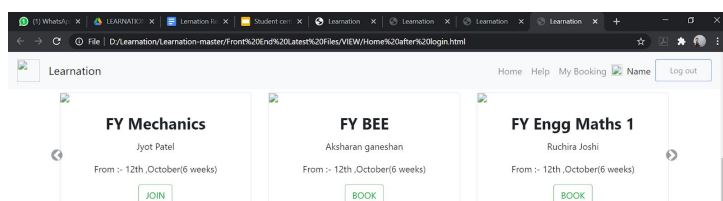
### 1)Home page :

#### Carousel :-

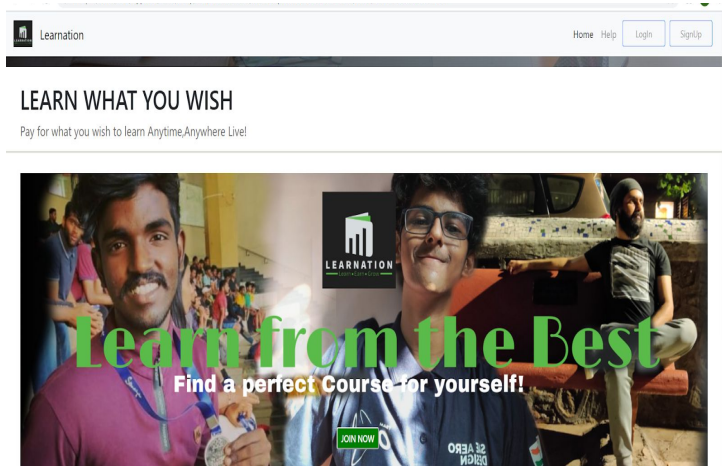


It consist of responsive carousel images that set according to the device size.

#### Scrolling down we reach the bottom area of the website :-

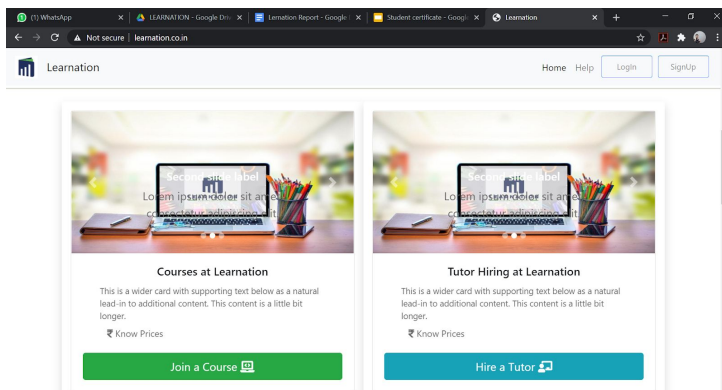


In the beginning as we have designed a and decided to present self and automated scrollable carousel cards of the services just like many websites eg. udemy.



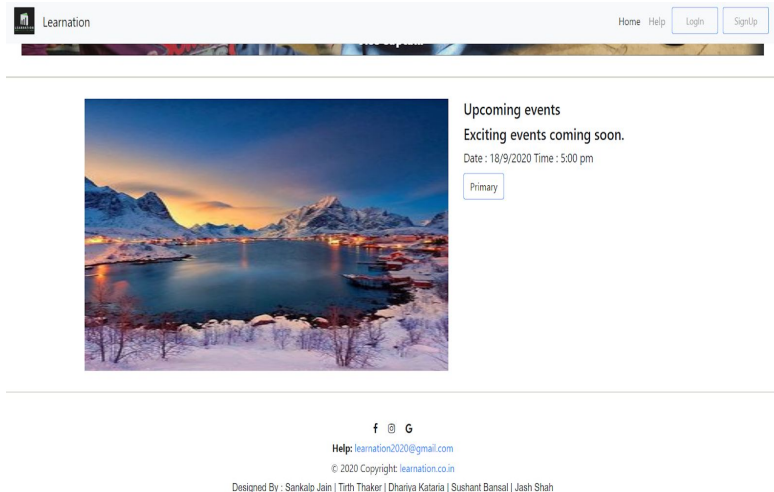
Later at the very end just days before we were supposed to get the website live carousel showed some technical error.

Were not getting embedded at the back end so we came up with an alternative to use a poster for few time.

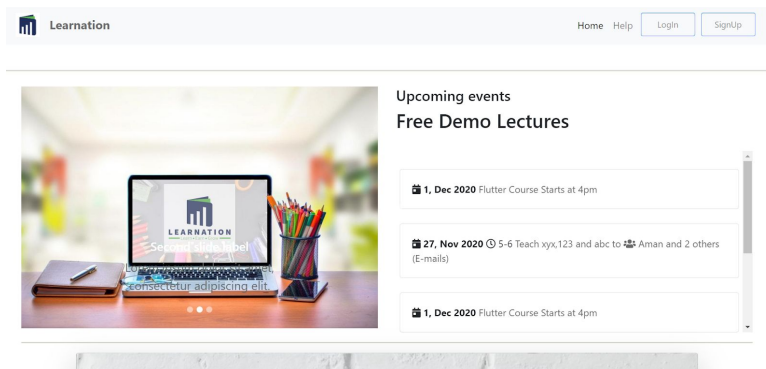


After the site was live the poster was replaced with a card with internal carousel to make the website look more professional. With on click modal opening to view prices.

**After the middle part we come to the bottom most part with updates and upcoming event section**

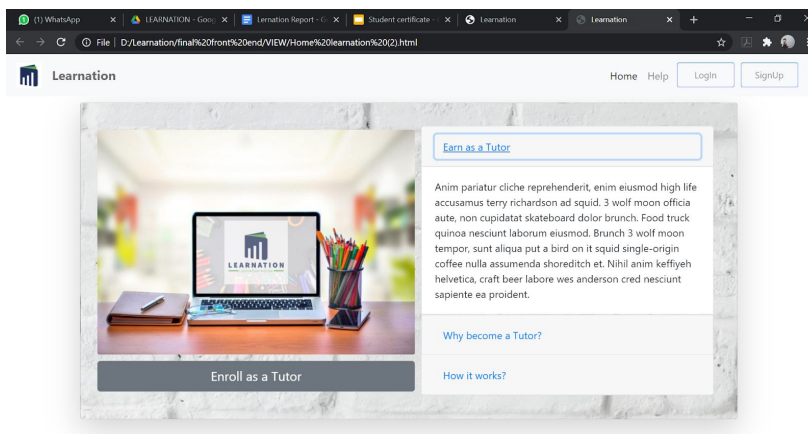


In the beginning we used a simple card with sideways data and a register button.



Later we changed this section to look like this to give a more professional approach. A carousel at left with automated movement and self scrolling notifications.

Later a we added one more section at the bottom:-



In this we used an automated carousel with drop down info box to make it look more professional and give maximum input by using minimum space possible.

We Used  
Bootstrap,Html,Css,Js

We used carousel cards for making our home page look attractive with automation In it.



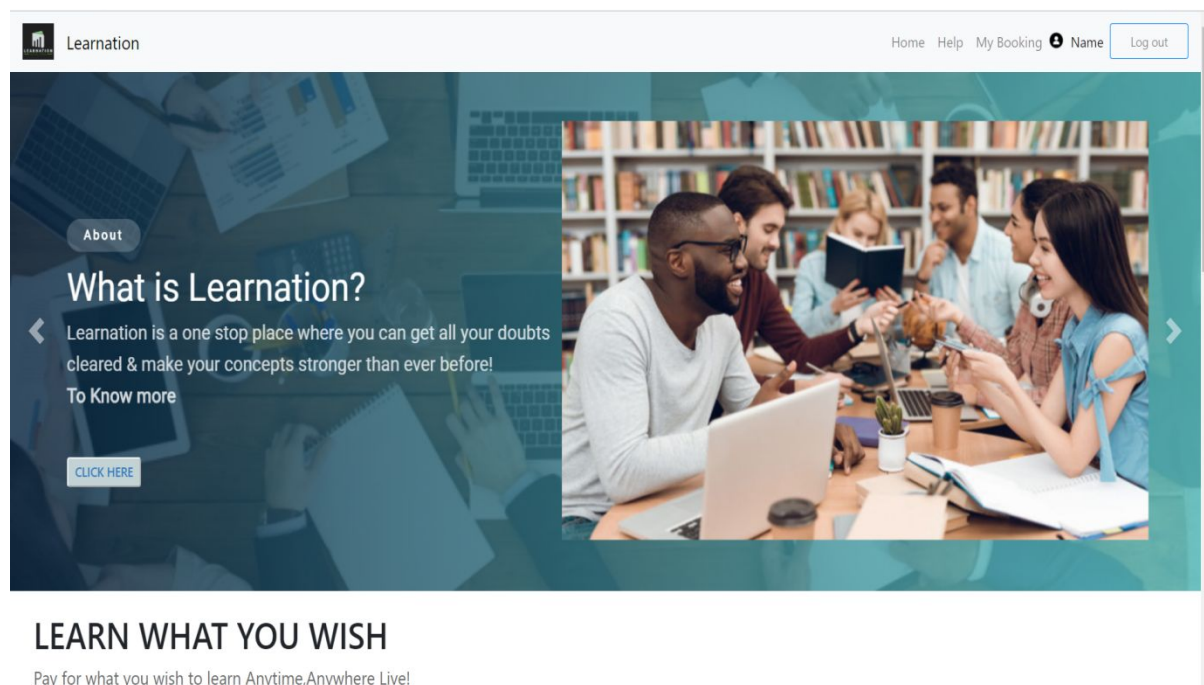
Carousel and images are fully responsive to mobile,tab and desktop view.

## 2)Home page After Login :

We Used Bootstrap, Html, Css, Js

We used carousel ,cards for making our home page look attractive with automation In it

This page is the same as the home page discussed above except the navbar which changes .



### 3) Log-in Page:-

For the login page we have used Bootstrap, css and html.

We have tried to keep it as simple and attractive as possible.

Login forms are fully responsive to phone,tab and desktop view.

Earlier we used modals on our main website but later had to switch to a form on a new page as we were not able to get a different html file for this login form due to which backend team as unable to embed it.

Learnation

Home Login SignUp

### Login To Learnation

☒ As Student ☐ As Teacher

Email address

We'll never share your email with anyone else.

Password

☐ Show Password

[Forgot your password?](#)

Submit

OR

Log in with

Facebook Google

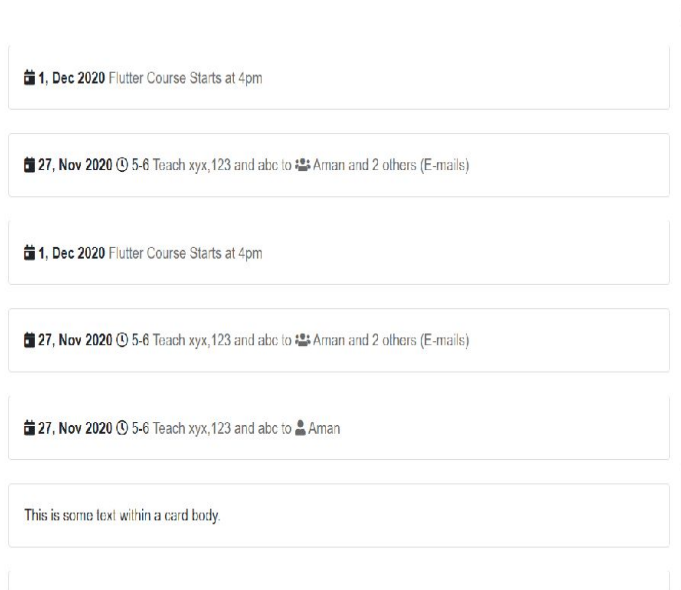
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### 4) Sign-up page :-

In the sign-up page we have used html, css and bootstrap.

It is a simple login page to get the user information.





In this section we used some css and js similar to tused in google classroom todo list. Like the function of shadowing on hovering and using appropriate icons to give it a professional approach.

For the Booking page we have used Html,Css,Js,Bootstrap.

We have used the cards to show admin who have requested to join a particular course and cards to show all the necessary stuff that need to be taken care of.

We have used the overflow property of css to add a scroll bar.

## 6) Courses Page:

**Design:**

**FY Mechanics****FY BEE****FY Engg Maths 1****FY Mechanics**

Jyot Patel

From :- 12th ,October(6 weeks)

[JOIN](#)**FY BEE**

Aksharan ganeshan

From :- 12th ,October(6 weeks)

[BOOK](#)**FY Engg Maths 1**

Ruchira Joshi

From :- 12th ,October(6 weeks)

[BOOK](#)**FY Programming in C**

Nakul Chamariya

From :- 12th ,October(6 weeks)

[BOOK](#)**FY Engg Maths 1**

Sharath Dinesh

From :- 12th ,October(6 weeks)

[BOOK](#)

For the Courses page we have used Html,Css,Js,Bootstrap.

We have used the cards to show the user all the different courses along with the name of the teacher , who will conduct the course.

Also , all the cards have the necessary stuff that users need to know.

## Booking models:-

**Book A Tutor**

**Name :** Jyot Patel

**Can Teach :**  
FY - Engineering Mathematics 1&2  
SY - Thermodynamics , Production process 1 , Applied Mathematics 3 , Theory of machines 1 , Production process 2 , Fluid mechanics  
TY - Heat and mass transfer , Theory of machines 2 , production process 3 , M&M Energy conversion ,FEA , Dynamics of machines

**What do you want to learn**  
Enter Topics Here...

**Join with a friend to get discount**  
No. of students :

First version of modal

**Book A Tutor**

**Name :** Aksharan Ganesan

**Can Teach :**  
FY - BEE  
SY - Electrical Networks, ECAD, BEC


**What do you want to learn**  
Enter Topics Here...

**Join with a friend to get discount**  
No. of students :    
If booking for friends , please provide their email  
Enter email:

Updated Modal


## 7) Tutor's Page:

### Design:

 Learnation Home

BOOK A TUTOR


▼ Filter ▼



**Jyot Patel**

Thermo, Production Engg-1,2&3, Applied Maths 3,  
TOM 1&2, Fluid mechanics, Engineering  
Mathematics- 1&2 (FY).....


BOOK



**Aksharan Ganeshan**

Electrical Networks, ECAD, BEC, BEE

BOOK



**Ruchira Joshi**

MCE 1 , MCE 2, EN, Engg maths-1&2(FY)

BOOK



## BOOK A TUTOR

Filter

Branch

☐ Information Technology

☐ CS

☐ EXTC

Tutor

☐ Tut1

☐ Tut2

☐ Tut3



Jyot Patel



Aksharan Ganeshan



Ruchira Joshi



Nakul Chamariya

Programming in C, Machine Learning

BOOK



Sharath Dinesh

Engineering Mathematics-1,2,3&4, Programming in C

BOOK



For the Tutors page we have used Html,Css,Js,Bootstrap.



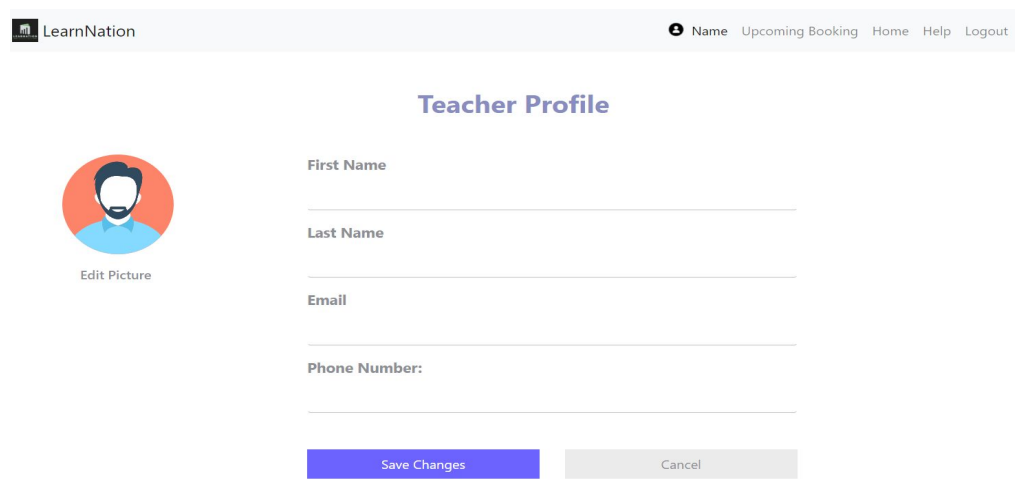
We have used the cards to show the user all the different tutors along with the name of the subject in which they have good skills , and which course they will conduct.

All the cards have the necessary stuff that users need to know.

Also , there is an option in which we can filter things according to the branch and according to the tutors , so it will be easy for users to sort the things and choose wisely , hence the website becomes more user friendly.

## 8) Teacher's profile Page:

### Design:



The screenshot displays the 'Teacher Profile' page on the LearnNation website. The page features a header with the LearnNation logo and navigation links: Name, Upcoming Booking, Home, Help, and Logout. The main content area is titled 'Teacher Profile' and includes a profile picture placeholder with a red circular background and a blue shirt icon, labeled 'Edit Picture'. To the right of the profile picture are four input fields for 'First Name', 'Last Name', 'Email', and 'Phone Number:'. At the bottom of the form are two buttons: 'Save Changes' (blue) and 'Cancel' (gray).

## Start teaching a Course

Teach a course that may be academic subject, technical softwares or any other non-technical field you think you are good at and students require help in that particular field.

This would help you to get a steady amount of income as number of students joining a course over time will remain fixed.

You will get assistance from our team in designing and scheduling your course.

START A COURSE



Enter subjects

Submit

Reset

### Available For :

Day	Time	Available
Monday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Tuesday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Wednesday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Thursday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Friday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO

Friday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Saturday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO
Sunday	<input type="text"/> TO <input type="text"/>	<input type="checkbox"/> NO



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For the Teachers page we have used Html,Css,Js,Bootstrap.

We have used the jumbotron for the teacher , if he/she plans to start a new course, so we can access it.

Also teachers can mention the subjects in which they have a nice command and can change or update it regularly.

All the multiple options in the navigation bar are properly designed for the teachers side , so that they can manage their bookings and timings.

Also , there is a table in which the teacher can mention the timings in which he/she is free so that any student can book accordingly,and in case he/she doesn't want to work for some day , can directly switch OFF the *available button* so that no booking can be accepted.

## 9) Student's profile Page:

**Design:**

## Student Profile

[Edit Picture](#)

First Name

Last Name

Email

Phone Number:

[Save Changes](#)[Cancel](#)

## Become a Teacher

If you think you are good enough to teach any academic, technical and non-technical course then join as teacher.

When you request to become a teacher our team will contact you for a short personal interview.

On clicking on Join button you have to provide all details we ask in the form and our team will approach you based on the inputs you provide.

[LEARN MORE](#)

If interested JOIN Today

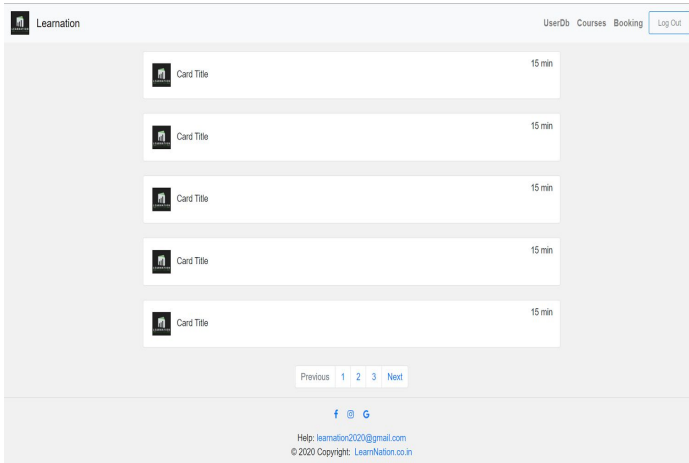
[JOIN](#)

For the Students page we have used Html,Css,Js,Bootstrap.

We have used the jumbotron for the student , if he/she plans to become a teacher so can access through it

# Admin Panel

## Bookings Notification Page:

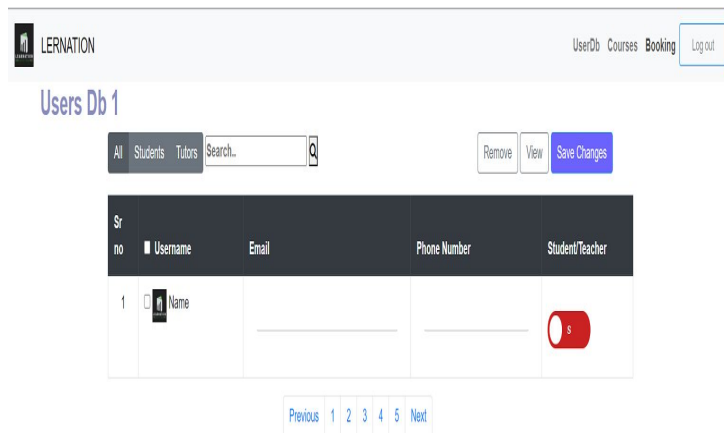


For the Booking page of the admin panel, we have used Html,Css,Js,Bootstrap.

We have used the cards to show admin who have booked a particular course.

We have used paging of bootstrap so that we can add multiple pages if notifications exceed.

## User Database Page :



For User's Database page we have used Html,Css,Js,Bootstrap.


In this page admin can see details like email, phone no and whether the user is a teacher.

The admin can see all teachers, all students and all users that have registered at once.

We have used paging of bootstrap so

that we can add multiple pages if entries exceed.

## View Existing A Course Page:

 Learnation

UserDb Courses Booking [Log Out](#)

### Course Name

#### Start teaching a Course

Teach a course that may be academic subject, technical softwares or any other non-technical field you think you are good at and students require help in that particular field.  
This would help you to get a steady amount of income as number of students joining a course over time will remain fixed.  
You will get assistance from our team in designing and scheduling your course.

Edit Picture

Students Enrolled

10

Price for <3

Price for >=3

Course Description

Taught By

Duration

Start Date

dd-mm-yyyy

Total Hrs

Meet Link

Delete Course

Save Changes

Cancel

Sr no.	Email	No. of St. (n)	Email(if n>2)	Total amount	Payment Status
1					<div><div></div>no</div>

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)

For viewing a course page we have used Html,Css,Js,Bootstrap.


In this page admin can see details like course name, course description , tutor's name, start date of the course, total hours needed to complete the entire course and meeting link that is being used for the course.

The admin can see how many students have registered for the course and he can also set the price based on how many students have booked at once in a group.

Admin can also delete the course, he can also see the email id of all the students that have registered for the course and the amount they need to pay for the course and the status of whether they have made a payment for the course or not.

We have used paging of bootstrap so that we can add multiple pages if entries exceed.

## View A Tutor Profile Page:

 Learnation

UserDb Courses Booking [Log Out](#)

### Tutor Profile

#### Start teaching a Course

Teach a course that may be academic subject, technical softwares or any other non-technical field you think you are good at and students require help in that particular field.

This would help you to get a steady amount of income as number of students joining a course over time will remain fixed.

You will get assistance from our team in designing and scheduling your course.

Edit Picture

Name

University

E-mail

Phone Number

Can Teach

Save Changes
Cancel

No. of St.	Email	Wants to Learn	Date & Time	Total amount	Payment Status
3	<div style="border: 1px solid #ccc; height: 40px; width: 100%;"></div>	Thermodynamics basic concepts, from chapter 1 to 4	<div style="display: flex; align-items: center;"> <span>dd-mm-yyyy</span> <div style="border: 1px solid #ccc; width: 20px; height: 20px; margin-left: 5px;"></div> </div> <div style="text-align: center; margin-top: 5px;">3 to 5</div>	210	<div style="background-color: #e74c3c; color: white; padding: 2px 5px; border-radius: 10px; display: inline-block;">no</div>

Previous
1
2
3
4
5
Next

For viewing a tutor page we have used Html,Css,Js,Bootstrap.

In this page admin can see details like name, university, email, phone number and the subjects the tutor is willing to take.

The admin can also see the image of the tutor.

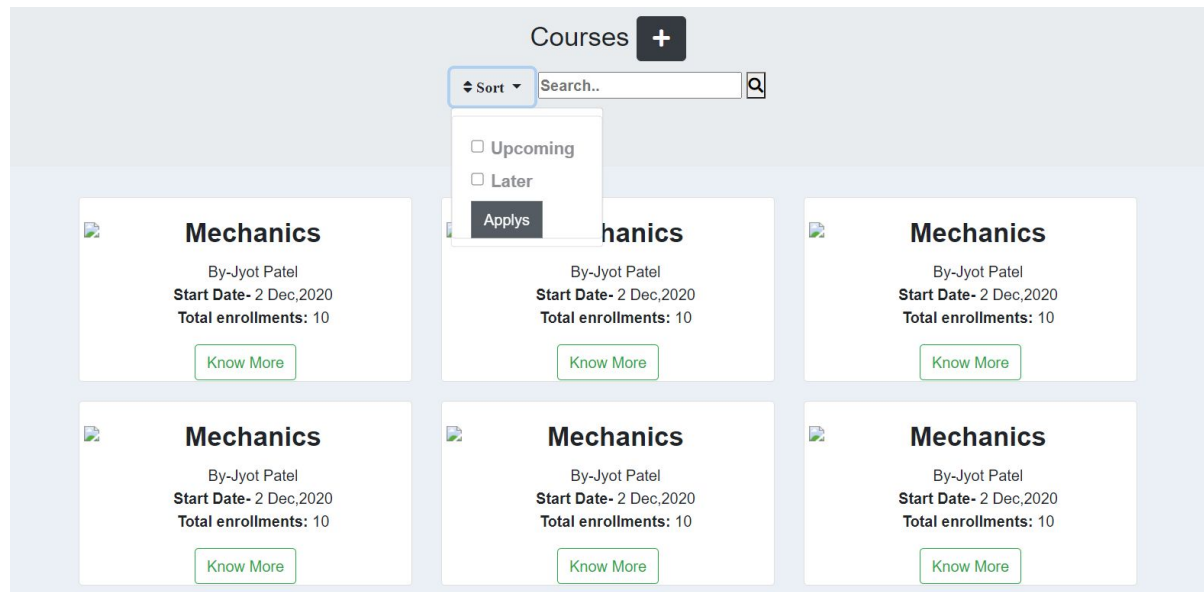
The admin can also see how the tutor has decided to take the course and the portion that the tutor decided for the course.

Admin can also see how much he needs to pay to tutor and the status of whether he has made a payment for the course to tutor or not.

We have used paging of bootstrap so that we can add multiple pages if entries exceed.

## **All Courses Database Page:**





For all courses pages we have used Html,Css,Js,Bootstrap.

In this page admin can see all the courses that are currently in progress and the courses that will start in near future.

We have used cards of bootstrap having details like name of course, name of tutor, start date of course and total enrolments that are being made for a particular course till date.

Admin can also sort the courses based on currently running courses and the courses that will start in future.

We have used paging of bootstrap so that we can add multiple pages if entries exceed.

