

A REPORT
ON
LEARNIT (An E-Learning Platform)
BY
VASA SRINIVAS 19STUCHH010032
R BHARGAVI 19STUCHH010026
AT
Faculty of Science and Technology



FACULTY OF SCIENCE AND TECHNOLOGY
ICFAI FOUNDATION FOR HIGHER EDUCATION
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1. ABSTRACT

An E-Learning platform is a cloud-based software package that enables enterprises to deliver learning content and resources to their employees. It facilitate 24/7 access to e-learning courses and relevant education. This project about an E-learning platform which has lots of useful functions for you to use. We named this e-learning platform LEARNIT. This E-Learning System is an online based system that is made of PHP, JavaScript, Bootstrap and MYSQL database.

This system is a responsive design has 3 types of users which are the admin, the students and new user. Presently this platform has only one admin. The admin is in charge of maintaining important data such as the list of courses, lessons, etc. All the admin paths cannot be traced by the student or new user. For students this system is helpful most especially if you are going to make online lessons and activities. For new user they can visit site they know about courses available if they are interested to join in learnit, they have to fill the registration form and learn the course. The speciality in this project is Paytm Gateway Integration. With Paytm Gateway Integrated in our website the students can buy the course thought it. In the Paytm Gateway user have many options such as paytm wallet, credit and debit card option to pay the course fee.

2. EXISTING SYSTEM

This E-Learning platform we named it as LEARNIT has lots of useful functions for you to use. This system is a responsive design has 3 types of users which are the admin, the students and new user. The admin is in charge of maintaining important data such as the list of courses, lessons, etc.

2.1 FOR THE NEW USER SIDE OF THE SYSTEM

- i. Home page.
- ii. Signup and Login pages.
- iii. Courses in the website.
- iv. Feedbacks of the students.
- v. Checkout page for buying the courses.

2.2 FOR THE ADMIN SIDE OF THE SYSTEM

- i. Admin can Create Update, Delete courses in the website.
- ii. Admin can Create, Update, Delete lessons added under each course in the website
- iii. Admin can Create, Delete Student Accounts in the website.
- iv. Admin can view how many courses are present in the website.
- v. Admin can view how many students have created accounts in the website.
- vi. Details about each order they received.
- vii. Admin can change the password of their account.

2.3 FOR THE STUDENT SIDE OF THE SYSTEM

- i. Profile page.
- ii. Courses enrolled by student
- iii. Change password.
- iv. Feedback.

3. PROPOSED SYSTEM

The system is divided into 3 parts and these are the requirements proposed during the starting of the project:

3.1 FOR THE NEW USER SIDE OF THE SYSTEM

- i. Home page.
- ii. Signup and Login pages.
- iii. Courses in the website.
- iv. Contact page.
- v. Payment Status of the orders.

3.2FOR THE ADMIN SIDE OF THE SYSTEM

- i. Admin can Create, Update, Delete courses in the website.
- ii. Admin can Create, Update, Delete lessons added under each course in the website.
- iii. Admin can Update, Delete Student Accounts in the website.
- iv. Admin can see how many courses are present in the website.
- v. Admin can see how many students have created accounts in the website.
- vi. Details about each order they received.
- vii. Admin can see how orders they has got cumulatively or in between the 2 time periods
- viii. Admin can change the password of their account.

3.3FOR THE STUDENT SIDE OF THE SYSTEM

- i. Profile page.
- ii. Courses student enrolled
- iii. Change password.
- iv. Feedback.

4. MODULES

This E-Learning System is an online based system that is made of PHP, JavaScript, Bootstrap and MYSQL database. This E-Learning platform we named it as LEARNIT has lots of useful functions for you to use. This system is a responsive design has 3 types of users which are the admin, the students and new user. This system is helpful most especially if you are going to make online lessons and activities. Now let us know detailed information of 3 types of users

4.1 LEARNIT FOR A NEW USER

- In the **Home Page** we can view 3 sections:
 - Popular Courses : it shows only starting 6 course when we click on view more courses it redirects to course page
 - Student Feedback: Feedbacks given by the students who have an account in the website are shown here.
 - About Us: In this section we can see the details of website owner.
- In the **Course Page** we can view all courses in it.
 - If new user want to learn course. It will view to the register in LEARNIT or if already enrolled asks to login into the student account pages.
 - If the course is already enrolled by student it shows an error. If the course is not enrolled by student then student can buy through online payment system after successful enrol in course he/she can learn the course.
- In the **Signup Page** student can register to LEARNIT by filling the details mentioned in register form like name, email and new password

- In the **Login Page** student can login through email and password which are used in the registration of LEARNIT

4.2ADMIN ACCOUNT IN LEARNIT

The admin can enter to his account by filling the admin form which will available at footer part of home page named admin login. If the entered details are admin's details only then it will redirect to admin dashboard or if not it will show an error. All the admin paths cannot be traced by the student or new user. Presently this platform has only one admin. The admin is in charge of maintaining important data such as the list of courses, lessons, etc .In Admin account we can view 7 pages:

- 1) **Dashboard:** In admin dashboard page can how many students have account in his website, how many courses that are present currently in his website, how courses/orders sold.
- 2) **Courses:** In this page admin can see the details of the course present in his website and can edit or delete or create a course

- *How to add new course?*

To add new course admin should click at “+” icon present at bottom right side of the course page. When he clicks on it then it will redirects to the other page where he can see add new course form. He should enter the details in asked in the form then click submit. The course will be added when admin clicks on submit only

- *How to edit the course?*

To edit any course admin can find an edit icon at right side of each course details. When he clicks on it then it will redirects to the other page where he can see update course form. He should edit the form and click update. The course will be updated when admin clicks on update only

- *How to delete the course?*

To delete any course admin can find a delete icon at right side of each course details. When he clicks on it then the course will get deleted

- 3) **Lessons:** In this page admin can see the details of the lessons associated with each course and he can edit or delete or create them.

- *How to add new lesson?*

To add new lesson, admin should click at “+” icon present at bottom right side of the lessons page. When he clicks on it then it will redirects to the other page where he can see add new lesson form. He should enter the details in asked in the form then click submit. The lesson will be added when admin clicks on submit only

- *How to edit the lesson?*

To edit any lesson, admin can find an edit icon at right side of each course details. When he clicks on it then it will redirects to the other page where he can see update course form. He should edit the form then click update. The lesson will be updated when admin clicks on update only

- *How to delete the lesson?*

To delete any lesson, admin can find a delete icon at right side of each course details. When he clicks on it then it will get deleted

- 4) **Students:** In this page admin can see the details of the students registered with website and he can edit or delete their details.

- *How to edit the student details?*

To edit any student details, admin can find an edit icon at right side of each student details. When he clicks on it then it will redirects to the other page where he can see update student details form in the form, admin can edit only user name and email of student details. The admin can edit it only when he had request from student to edit their name or email. He should

edit the form then click update. The student details will be updated when admin clicks on update only

- *How to delete the student details?*

To delete any student details, admin can find a delete icon at right side of each student details. When he clicks on it then the details will get deleted

5) **Payment Status:** In this page admin can see the details of the orders with order id.

- When a student has a query about their order details by sharing their order id with user. Then admin can check the order details by entering the order id in order form it will view the full payment details of the order it can printed and share to student.

6) **Feedback:** In this page admin can see the feedbacks provided by the students.

- If admin likes the comment he can store or else can delete by clicking on delete icon which is at right side of each comment.

7) **Change Password:** In this page admin can change the password of his account.

- The new password will get updated when admin clicks on update only.

4.3 STUDENT ACCOUNT IN LEARNIT

To enter in student account, student should enter their details in login form which is in home page at navigation bar. If the details entered are correct, it will view student dashboard or else it will show an error in email or password. In Student account we can see 4 pages:

1) **Profile:** In this page student can view and edit his details.

- Except user name and email all details can be edited by student.

- 2) **My Courses:** In this page student can watch the lessons associated with the courses he bought.
- 3) **Feedback:** In this Page student can give feedback about the website and courses.
- 4) **Change Password:** In this page student can change the password of his account.

4.4 SPECIALITY IN OUR WORK (Paytm Integration)

With Paytm Gateway Integrated in our website the students can buy the course through it. In the Paytm Gateway user have many options such as paytm wallet, credit and debit card option to pay the course fee.

5. REQUIRMENTS

Hardware Requirements

- 1) Intel Core i5 processor with speed 2.40G.Hz.
- 2) 4GB RAM.
- 3) 1 TB Hard Disk.

Software Requirements

- 1) Windows 10 as Operating System.
- 2) Apache 8.0.11 as Web server.
- 3) Phpmyadmin as Database server.
- 4) Sublime as Text editor.

6. CODE

[srinivasvasa/fullstack-website: project done in sem-5 \(github.com\)](https://github.com/srinivasvasa/fullstack-website)

dbConnection

```
<?php
$db_host = "localhost";
$db_user = "root";
$db_password = "";
$db_name = "dbms_project";

// connection

$conn = new mysqli($db_host,$db_user,$db_password,$db_name);

//check connection

if ($conn -> connect_error) {
    die("coonection failed");
}

?>
```

checkout

```
<?php
include('./dbConnection.php');

session_start();

if(!isset($_SESSION['stuLogEmail'])){
    echo "<script> location.href='loginorsignup.php'</script>";
}else{
    header("Pragma: no-cache");
    header("Cache-Control: no-cache");
    header("Expires: 0");
    $stuemail = $_SESSION['stuLogEmail'];

    ?>
```

```

<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

    <meta name="GENERATOR" content="Evrsoft First Page">

    <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="css/all.min.css">

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" >

    <link href="https://fonts.googleapis.com/css2?family=Bebas+Neue&display=swap"
rel="stylesheet">

    <link
href="https://fonts.googleapis.com/css2?family=Kaisei+Tokumin:wght@700&display=swap"
rel="stylesheet">

    <link rel="stylesheet" type="text/css" href="css/styles.css">

    <title>Checkout Page</title>

</head>

<body>

    <div class="container mt-5">

        <div class="row">

            <div class="col-sm-6 offset-sm-3 jumbotron">

                <h3 class="mb-5">Welcome to LearnIt Payment Page</h3>

                <form method="post" action="./paytm/pgRedirect.php">

                    <div class="form-group-row">

                        <label for='ORDER_ID' class="col-sm-4 col-
form-label">Order ID</label>

                        <div class="col-sm-8">

                            <input id="ORDER_ID" class="form-
control" tabindex="1" maxlength="20" size="20" name="ORDER_ID" autocomplete="off"
value="<?php echo "ORDS" . rand(10000,99999999)?>" readonly>

                            </div>

                        </div>

                    </div>

                </form>

            </div>

        </div>

    </div>

```

```

<div class="form-group-row">
    <label for='CUST_ID' class="col-sm-4 col-
form-label">Student Email</label>

    <div class="col-sm-8">
        <input id="CUST_ID" class="form-
control" tabindex="2" maxlength="12" size="12" name="CUST_ID" autocomplete="off"
value="<?php if(isset($stuemail)){echo $stuemail;}?>" readonly>

    </div>
</div>

<div class="form-group-row">
    <label for="TXN_AMOUNT" class="col-sm-4
col-form-label">Amount</label>

    <div class="col-sm-8">
        <input title="TXN_AMOUNT"
class="form-control" tabindex="10" type="text" name="TXN_AMOUNT" value="<?php
if(isset($_POST['id'])){echo $_POST['id']; } ?>" readonly>

    </div>
</div>

<div class="form-group-row">
    <div class="col-sm-8">
        <input id="INDUSTRY_TYPE_ID"
tabindex="4" maxlength="12" size="12" name="INDUSTRY_TYPE_ID"
autocomplete="off" value="Retail" type="hidden" readonly>

    </div>
</div>

<div class="form-group-row">
    <div class="col-sm-8">
        <input id="CHANNEL_ID"
tabindex="4" maxlength="12"
size="12" name="CHANNEL_ID"
autocomplete="off" value="WEB" type="hidden" readonly>

    </div>
</div>

```

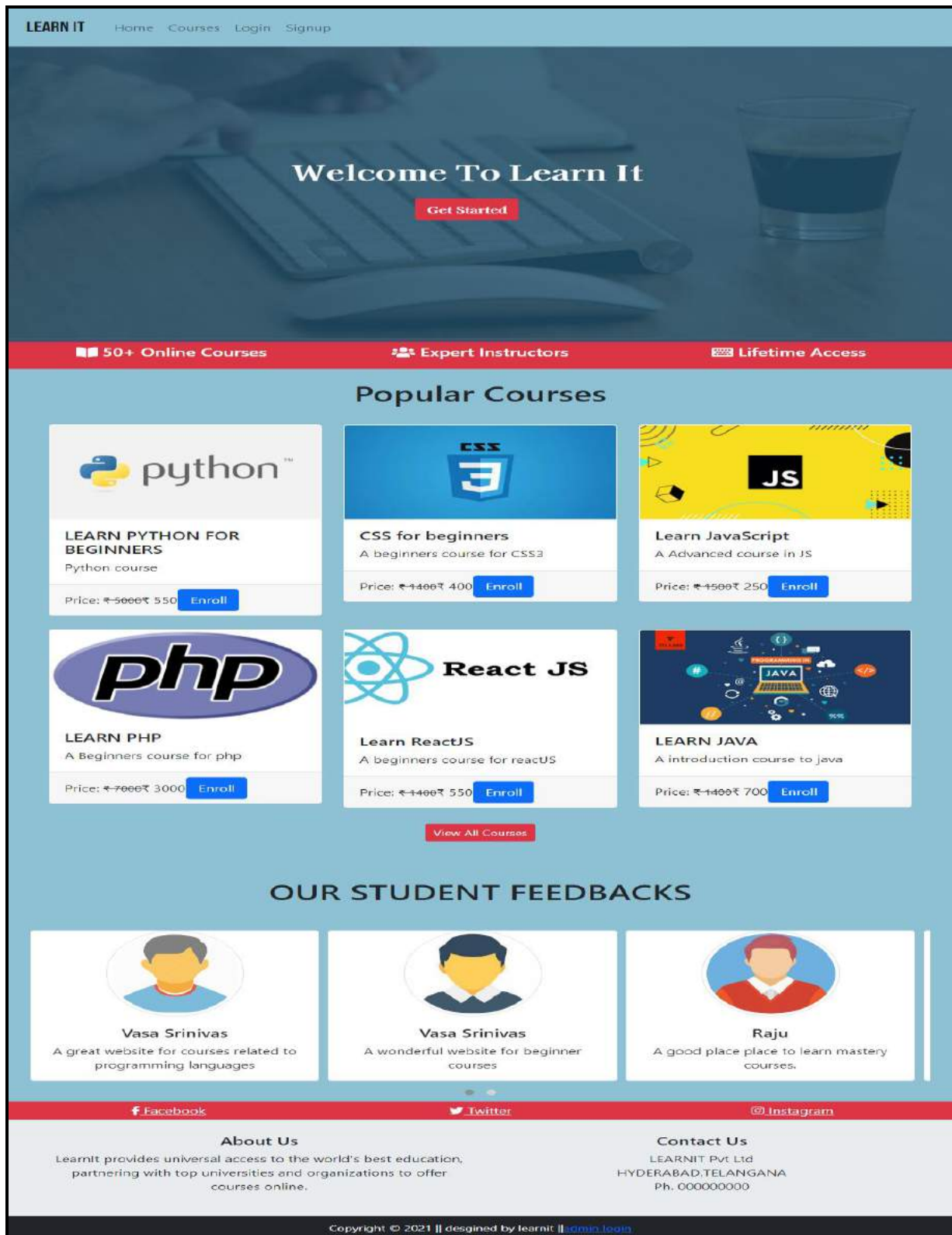
```

        <div class="text-centre mt-5">
            <input type="submit" value="Check Out" class="btn
btn-primary">
            <a href="./courses.php" class="btn btn-
secondary">Cancel</a>
        </div>
    </form>
</div>
</div>
</div>
</body>
</html>
<?php }?>

```

7. SCREENS

7.1 SCREENS FOR A NEW USER



(Fig:7.1.1 - Home page)



All Courses



LEARN PYTHON FOR BEGINNERS
Python course

Price: ₹5000 ₹ 550 [Enroll](#)



CSS for beginners
A beginners course for CSS3

Price: ₹1400 ₹ 400 [Enroll](#)



Learn JavaScript
A Advanced course in JS

Price: ₹4500 ₹ 250 [Enroll](#)



LEARN PHP
A Beginners course for php

Price: ₹7000 ₹ 3000 [Enroll](#)



Learn ReactJS
A beginners course for reactJS

Price: ₹1400 ₹ 550 [Enroll](#)



LEARN JAVA
A introduction course to java

Price: ₹1400 ₹ 700 [Enroll](#)



LEARN ANGULAR
An Introduction to Angular JS

Price: ₹5000 ₹ 2000 [Enroll](#)



Learn C
Introduction to C language

Price: ₹4500 ₹ 1000 [Enroll](#)

(Fig:7.1.2– Courses)

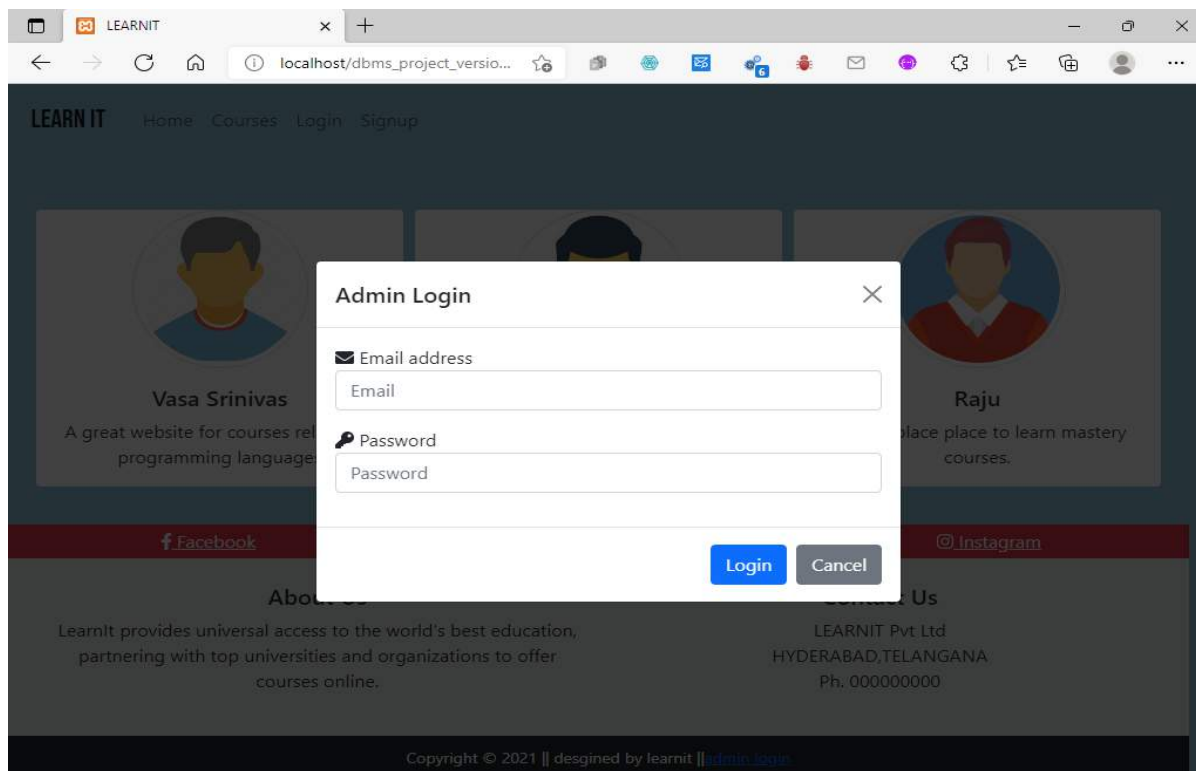
The screenshot shows a web browser window with the URL `localhost/dbms_project_versio...`. The page header includes the logo "LEARN IT" and navigation links: Home, Courses, Login, and Signup. A modal window titled "Student Login" is centered on the screen. It contains two input fields: "Email address" with a placeholder "Email" and "Password" with a placeholder "Password". Below the fields are two buttons: "login" (blue) and "Cancel" (grey). The background of the page is dark with a faint image of a laptop. At the bottom, a dark red banner contains the text "50+ Online Courses", "Expert Instructors", and "Lifetime Access".

(Fig:7.1.3– Student login page)

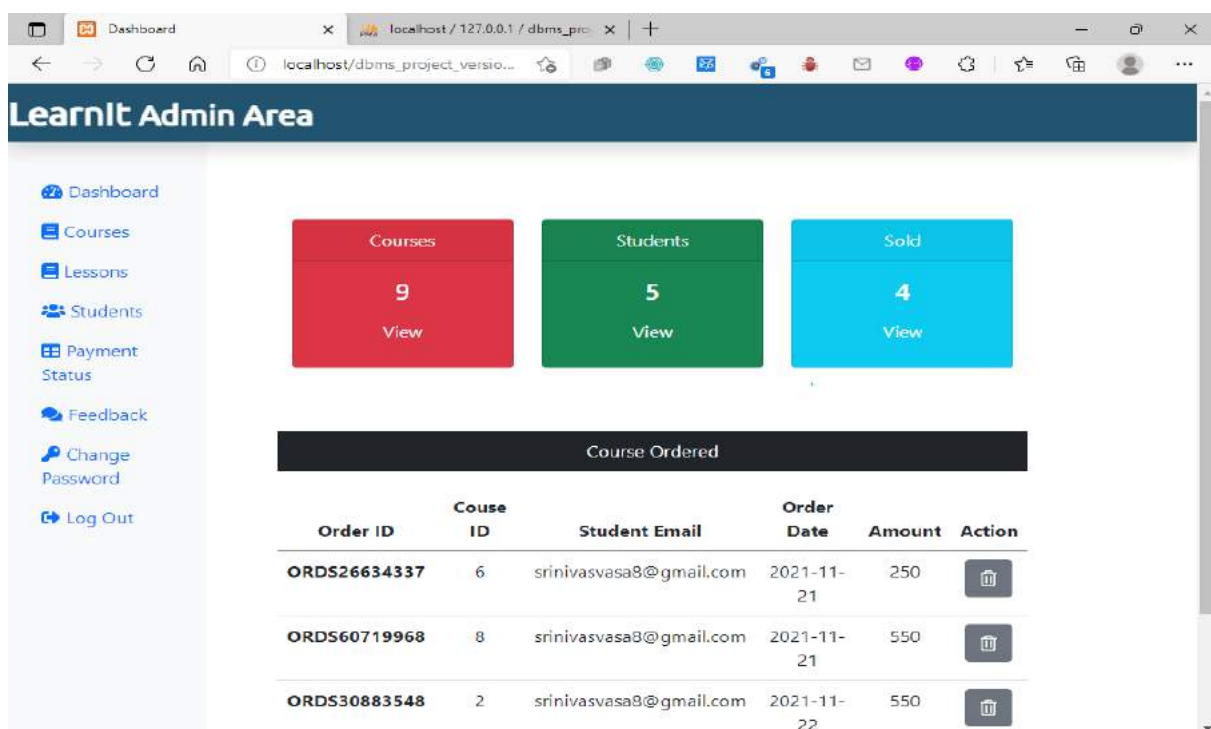
The screenshot shows the same web browser window as Figure 7.1.3. A modal window titled "STUDENT REGISTRATION" is centered on the screen. It contains three input fields: "Name" with a placeholder "Name", "Email address" with a placeholder "Email", and "New Password" with a placeholder "Password". Below the "Email address" field, there is a line of text: "We'll never share your email with anyone else." Below the "New Password" field are two buttons: "Sign Up" (blue) and "Close" (grey). The background and footer of the page are identical to the previous figure.

(Fig:7.1.4– Signup (student registartion form))

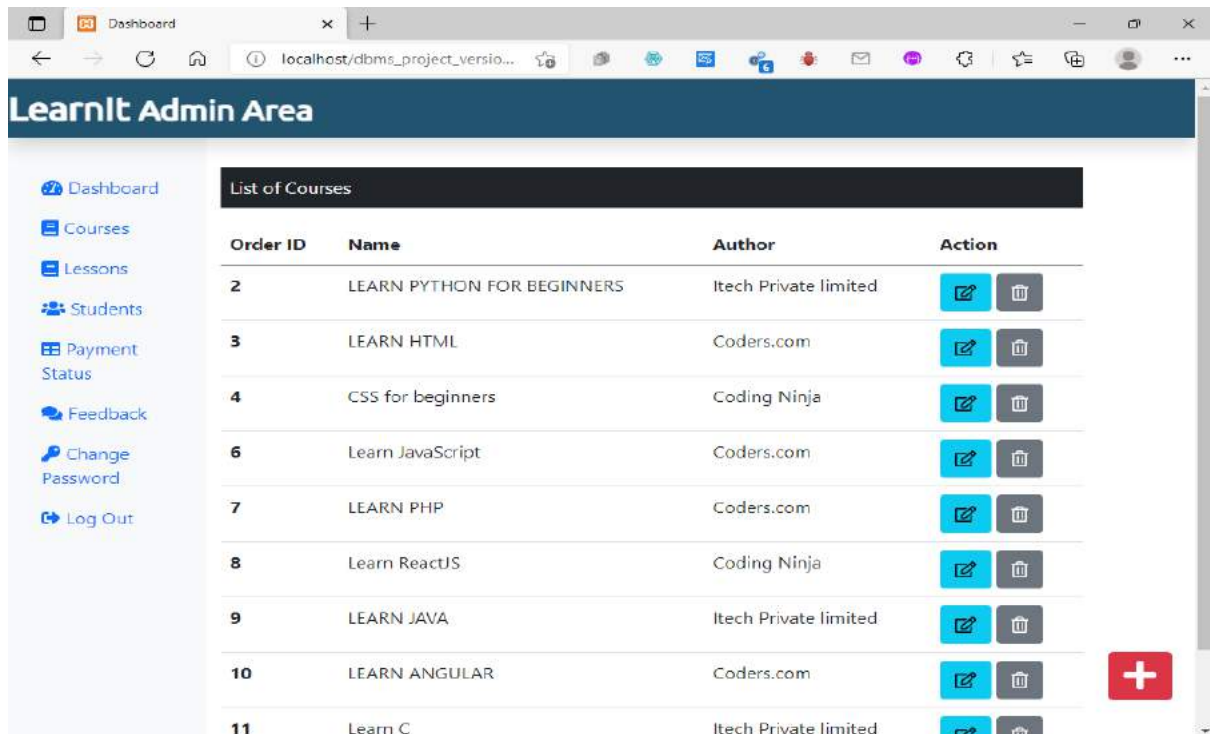
7.2 SCREENS FOR A ADMIN ACCOUNT





















(Fig:7.2.1– Admin account)



(Fig:7.2.2– Dashboard)

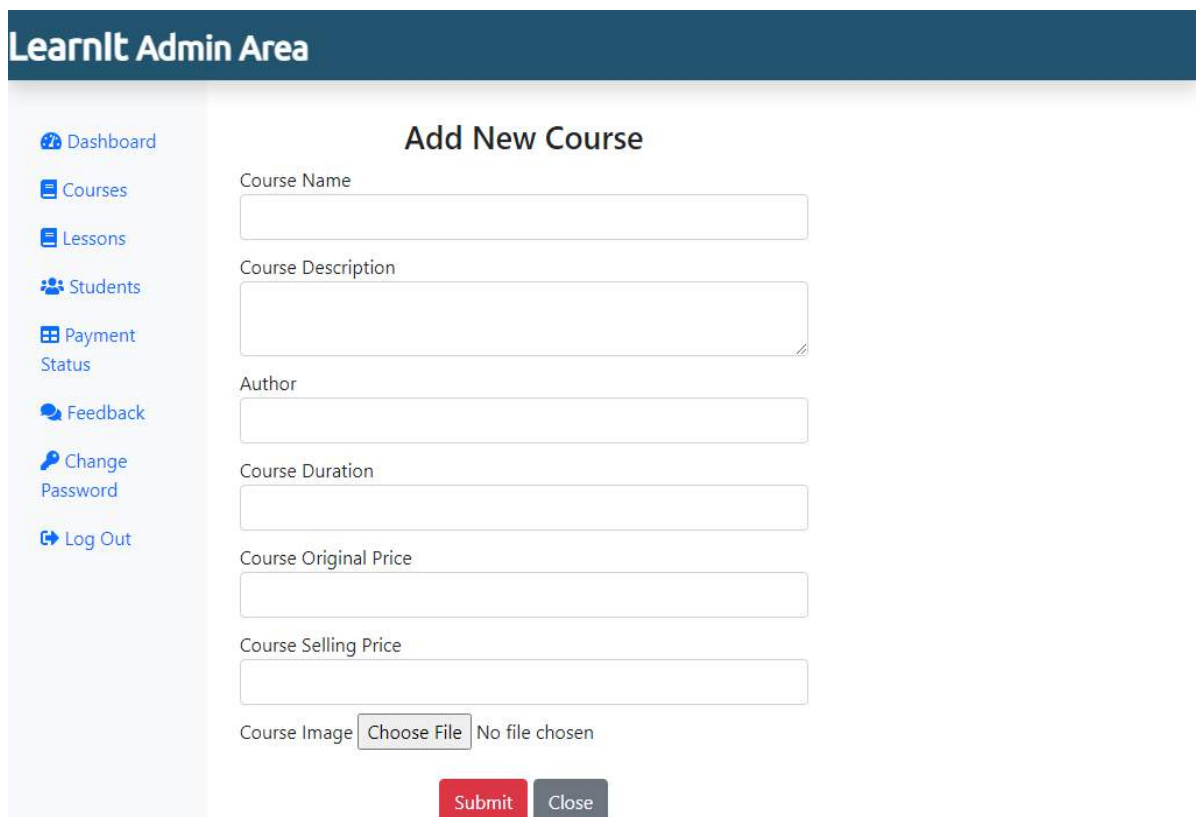


The screenshot shows the 'LearnIt Admin Area' with a sidebar menu on the left containing links to Dashboard, Courses, Lessons, Students, Payment Status, Feedback, Change Password, and Log Out. The main content area displays a table titled 'List of Courses' with the following data:

Order ID	Name	Author	Action
2	LEARN PYTHON FOR BEGINNERS	Itech Private limited	 
3	LEARN HTML	Coders.com	 
4	CSS for beginners	Coding Ninja	 
6	Learn JavaScript	Coders.com	 
7	LEARN PHP	Coders.com	 
8	Learn ReactJS	Coding Ninja	 
9	LEARN JAVA	Itech Private limited	 
10	LEARN ANGULAR	Coders.com	 
11	Learn C	Itech Private limited	 

A red square button with a white plus sign is located to the right of the table.

(Fig:7.2.3– Course)



The screenshot shows the 'LearnIt Admin Area' with a sidebar menu on the left containing links to Dashboard, Courses, Lessons, Students, Payment Status, Feedback, Change Password, and Log Out. The main content area displays a form titled 'Add New Course' with the following fields:

- Course Name:
- Course Description:
- Author:
- Course Duration:
- Course Original Price:
- Course Selling Price:
- Course Image: No file chosen

At the bottom of the form are two buttons: 'Submit' (red) and 'Close' (grey).

(Fig:7.2.4– Add course)

LearnIt Admin Area

Dashboard

Courses

Lessons

Students

Payment Status

Feedback

Change Password

Log Out

Update Course Details

Course Id

2

Course Name

LEARN PYTHON FOR BEGINNERS

Course Description

Python course

Author

Itech Private limited

Course Duration

10 hrs


Course Original Price

5000

Course Selling Price

550

Course Image



Choose File No file chosen

Update

Close

(Fig:7.2.5– Edit course)

LearnIt Admin Area

Dashboard

Courses

Lessons

Students

Payment Status

Feedback



Change Password

Log Out

Enter Course ID:

Search

Course ID: 7 Course Name: LEARN PHP

Lesson ID	Lesson Name	Lesson Link	Action
9	Introduction to PHP	../lessonvid/Question - 69588.mp4	 

+

(Fig:7.2.6– Lesson)

LearnIt Admin Area

- Dashboard
- Courses
- Lessons
- Students
- Payment Status
- Feedback
- Change Password
- Log Out

Add New Lesson

Course ID

Course Name

Lesson Name

Lesson Description

Lesson Video Link

Choose File
No file chosen

Submit
Close

(Fig:7.2.7– Add lesson)

LearnIt Admin Area

- Dashboard
- Courses
- Lessons
- Students
- Payment Status
- Feedback
- Change Password
- Log Out

Update Lesson Details

Lesson Id


Lesson Name

Lesson Description

Course Id

Course Name

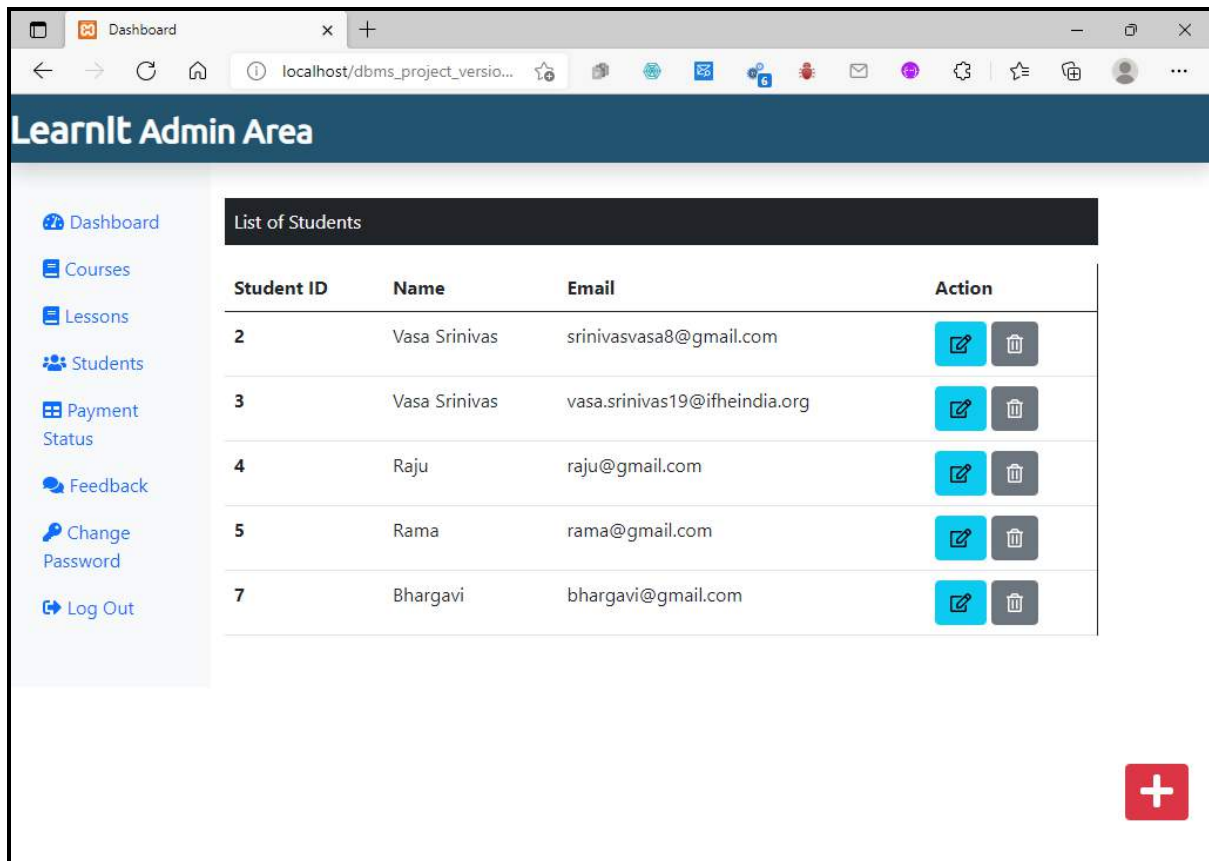
Lesson Link



Choose File
No file chosen

Update
Close

(Fig:7.2.8– Edit course)



(Fig:7.2.9– Student)

The screenshot shows the 'LearnIt Admin Area' interface with the 'Update Student Details' form. The sidebar is the same as in the previous figure. The main content area is titled 'Update Student Details' and contains the following form fields:

- Student Id:
- Name:
- Email:
- Password:
- Occupation:

At the bottom of the form are two buttons: 'Update' (red) and 'Close' (grey).

(Fig:7.2.10– Edit student)

LearnIt Admin Area

- Dashboard
- Courses
- Lessons
- Students
- Payment Status
- Feedback
- Change Password
- Log Out

List of Feedbacks

Feedback ID	Content ID	Student ID	Action
4	A great website for courses related to programming languages	2	
5	A wonderful website for beginner courses	3	
6	A good place place to learn mastery courses.	4	
7	A wonderful website for beginner courses	5	
8	A good place place to learn mastery courses.	6	
9	A good website for many technology relates courses	7	

(Fig:7.2.11– Feedback)

LearnIt Admin Area

- Dashboard
- Courses
- Lessons
- Students
- Payment Status
- Feedback
- Change Password
- Log Out

Payment Status

Order ID :

[View](#)

Payment Receipt

challanIdNum	0
TXNID	20211121111212800110168289803192357
BANKTXNID	65542926
ORDERID	ORDS26634337
TXNAMOUNT	250.00
STATUS	TXN_SUCCESS
TXNTYPE	SALE
GATEWAYNAME	WALLET
RESPCODE	01
RESPMSG	Txn Success
BANKNAME	WALLET
MID	ogXvWz82557791950645
PAYMENTMODE	PPI
REFUNDAMT	0.00
TXNDATE	2021-11-21 12:03:32.0

[Print](#)

(Fig:7.2.12– Payment status)

LearnIt Admin Area

Dashboard

Courses

Lessons

Students

Payment Status

Feedback

Change Password

Log Out

Email

admin@gmail.com

New Password

New Password


Update

Reset

(Fig:7.2.13– Change password)

7.3SCREENS FOR A STUDENT ACCOUNT

LearnIt



Profile

My Courses

Feedback

Change Password

Log Out

Student Id

2

Email

srinivasvasa8@gmail.com

Name

Vasa Srinivas

Occupation

student

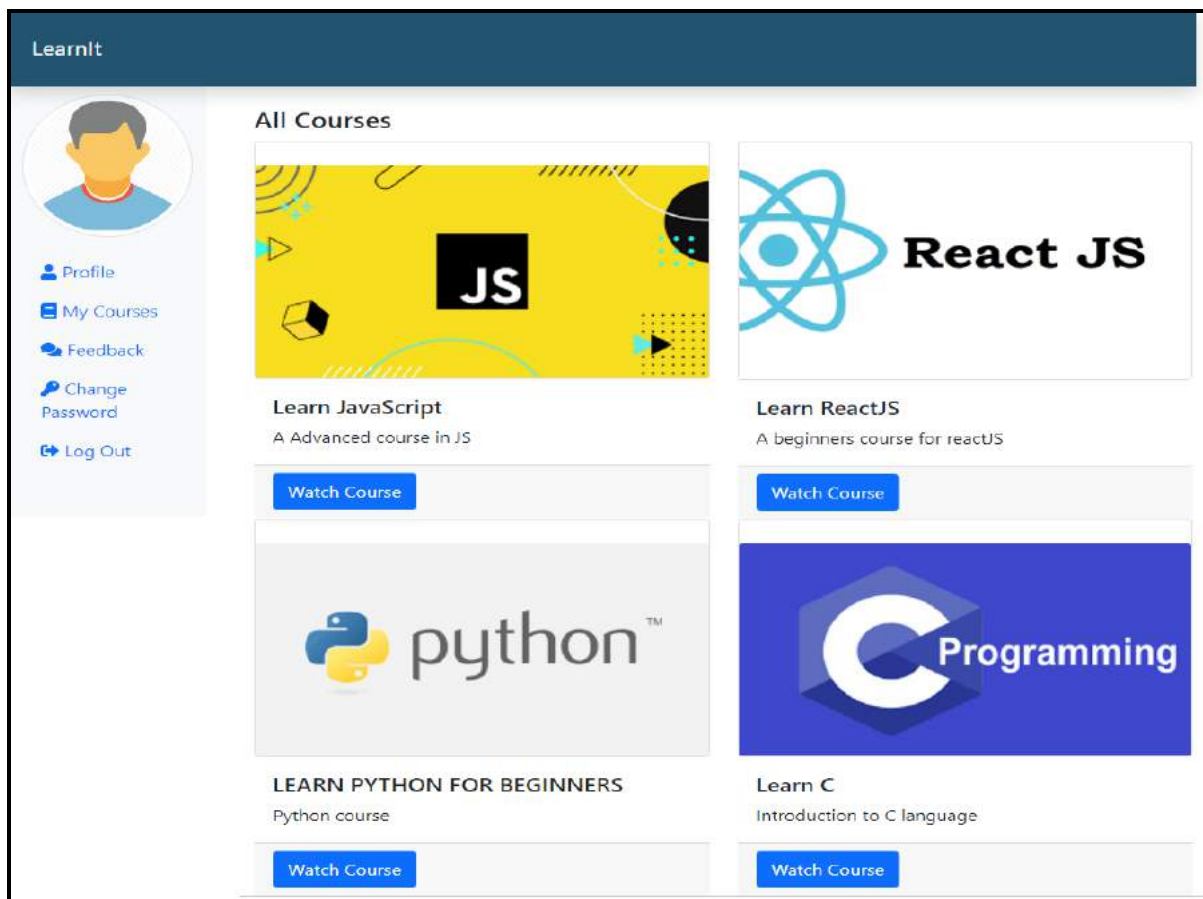
Upload Image

Choose File

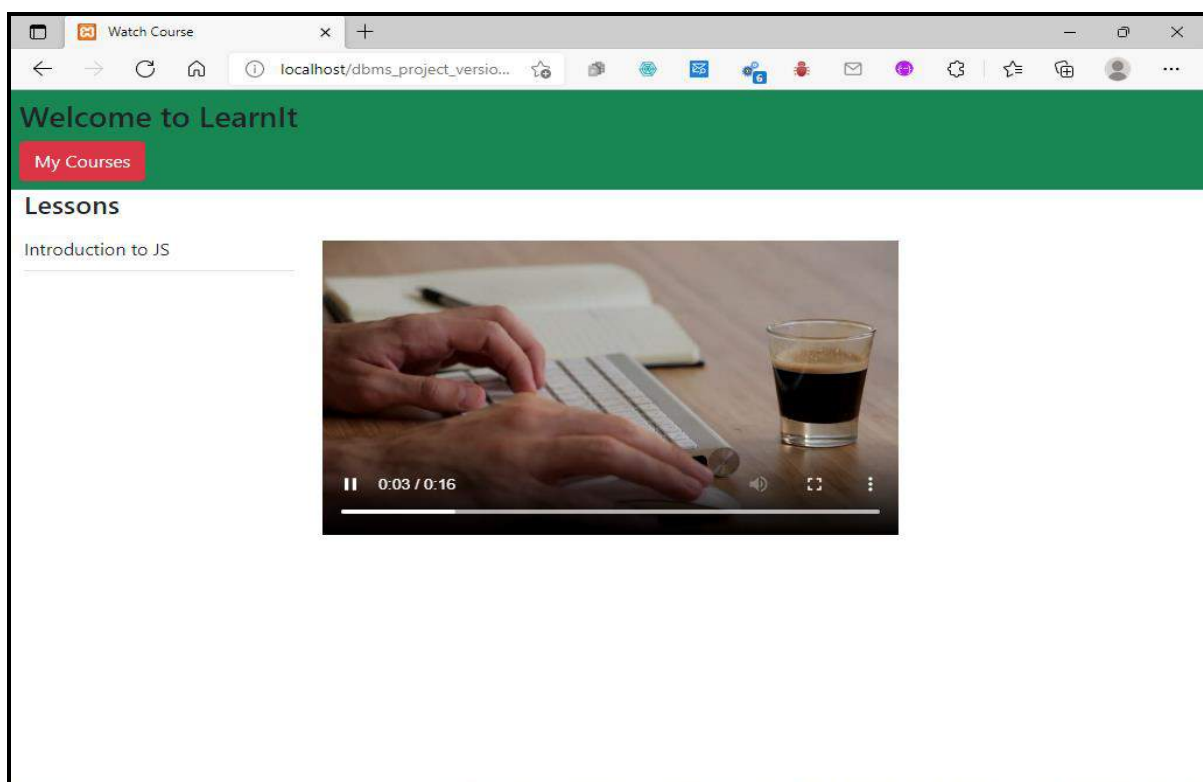
No file chosen

Update

(Fig:7.3.1– profile)




(Fig:7.3.2– courses)



(Fig:7.3.3– when opens any lesson)

LearnIt



Profile

My Courses

Feedback

Change Password

Log Out


Student Id

Write Feedback

Submit

(Fig:7.3.4– feedback)

LearnIt



Profile

My Courses

Feedback

Change Password

Log Out

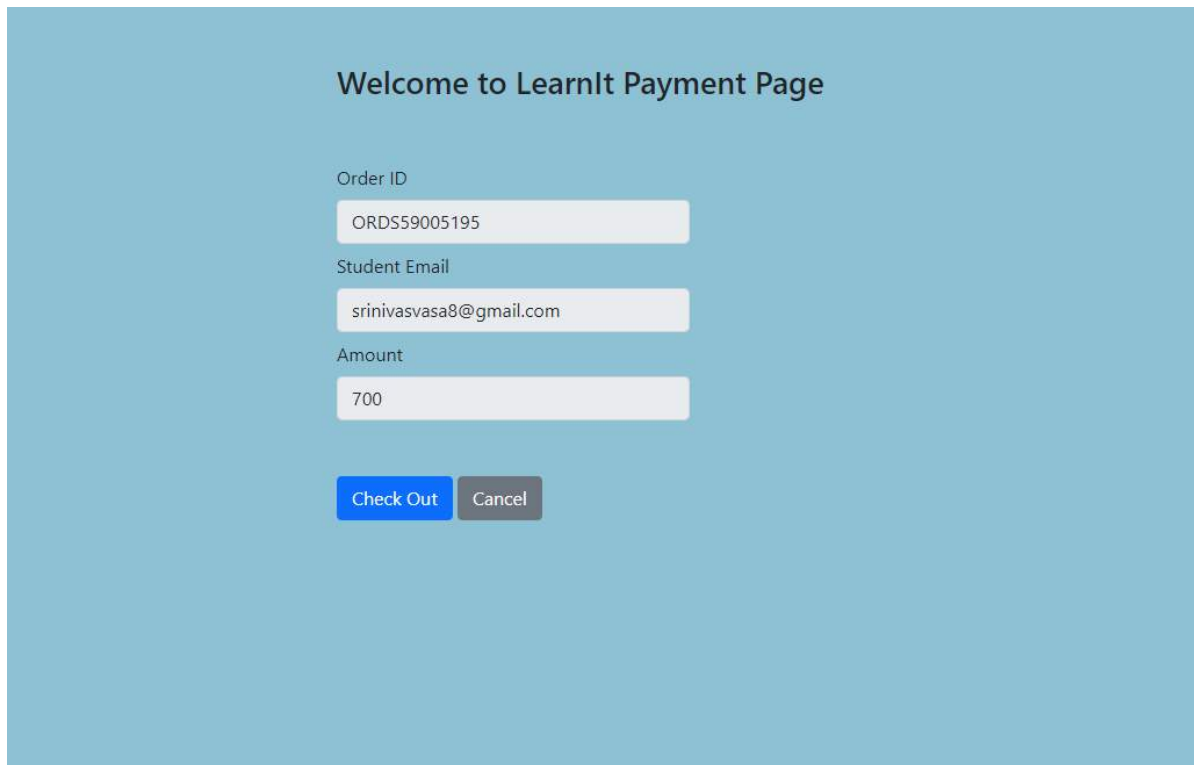
Email

New Password

Update

(Fig:7.3.5– change password)

7.4SCREENS FOR A PAYMENT



The screenshot shows a payment page with a light blue background. At the top, the text "Welcome to LearnIt Payment Page" is displayed. Below this, there are three input fields: "Order ID" with the value "ORDS59005195", "Student Email" with the value "srinivasvasa8@gmail.com", and "Amount" with the value "700". At the bottom, there are two buttons: a blue "Check Out" button and a grey "Cancel" button.

Welcome to LearnIt Payment Page

Order ID

ORDS59005195

Student Email

srinivasvasa8@gmail.com

Amount

700

Check Out Cancel

(Fig:7.4.2– chechout for payment)

8. CONCLUSIONS

E-learning is not just a change of technology. It is part of a redefinition of how we as a species transmit knowledge, skills, and values to younger generations of workers and students. This project makes a few predictions of how e-learning and the functions it serves will continue to develop. Learners will have access to millions or billions of knowledge modules. Some will be Web pages with simple text and videos. In many fields, e-learning has become the default way to conduct training or to provide education. There are four secrets of e-learning. The first secret is to teach what learners need to learn in the way they most naturally learn. The second secret is to define clear learning objectives. The third secret builds on the first two. It is to focus on the right objectives. The final secret is in the power of testing.

This project named LEARNIT about a E-learning platform which has lots of useful functions for you to use. It facilitate 24/7 access to e-learning courses and relevant education. For students this system is helpful most especially if you are going to make online lessons and activities

9. REFERENCES

1. <https://elearningindustry.com/steps-start-planning-elearning-projects>
2. https://getcourse.co.in/?utm_source=google&utm_medium=cpc&utm_campaign=getcourse_india_poisk&utm_content=561289638434&utm_term=online%20learning%20platform