

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of our project would be incomplete without mentioning the people who made it possible, without whose constant guidance and encouragement would have made efforts go in vain. We consider ourselves privileged to express gratitude and respect towards all those who have guided through the completion of our project.

We convey thanks to our internship guide Ms. Jitisha Patel, Information Technology, CGPIT for providing encouragement, constant support and guidance which was of a great help to complete this project work successfully.

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Last but not the least, we would also like to thank our family and colleagues, who have cooperated during the preparation of our report and without them this project would not have been possible. Their ideas helped us a lot to improve our project report.

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ABSTRACT

The purpose of this project is to automate the existing manual system by the help computerized equipments and full-fledged coputer software, fulfilling there requirements, so that their valuable data/information store for longer period with easy accesing and manipulation of same .The required software and hardware are easily available and easy to work with.

Here learner can learn new skills and also develop new skills in any field by enrolling the course and get certificate after completion of course. The learner can became the instructor by uploading the data to admin and if verified by the admin can became instructor and instructor can add new courses by categorize by topic such as web development ,Design,etc. Here learner has to buy monthly package rather than buying a particular course.

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Chapter 1 Introduction

1.1 Background

There can be no doubt that technology has transformed the way education is delivered to people across the globe. We now live in an interconnected world where the traditional concept of formal learning, taking place in a single physical location, is becoming increasingly less relevant. Today's learners are becoming dissatisfied with the stand-and-deliver approach to education that needs to obey attendance times, learning venues, and modes of participation. The emergence of communication technologies and mobile devices has enabled a new generation of information consumers to satisfy their demands for knowledge without the need to meet in a physical location. Software vendors, open-source developers, and educational institutions, knowledge of this development, have embraced systems that can facilitate the management of courses and engagement with students remotely.

1.2 Problem Definition

The technologies that facilitate the provision of courses over long distances are broadly termed "learning management systems" or "LMSs." Learning management systems can be defined as web-based software platforms that provide an interactive online learning environment and automate the administration, organization, delivery, and reporting of educational content and learner outcomes.

1.3 Motivation

Due to this pandemic situation the learning system is became online based due to which many organization has started mode if online education. But the some organization can't provide such system, so we have made this project for those learner who can't get education from such institute.

Here learnes needs to buy subscription pack rather than a particular course. So that learner can enroll as many number of courses he/she wanted to learn new skills.

1.4 Objective

Here by compeleting this project learners will achieve the best experience and will learn new technologicis. Here as courses will be from verified instructor so that learner can easily

understand the content of topic. In this instructor will be also get paid as per the student enroll and will be appreciate for their courses provided.

1.5 Scope

Our main aim is at education process automation i.e we have tried to computerize various processes of online learning.

- It satisfy the user requirement
- Easy to understand by user and instructor
- Affordable
- Have good user interface
- Get certificate after completion of course

1.6 Applications

- Anywhere, anytime learning

Chapter 2 System Planning

2.1 Project Development Approach

- Here we have use incremental model
- Why we have use this model:
 - When the requirements are superior.
 - A project has a lengthy development schedule.
 - When Software team are not very well skilled or trained.
 - When the customer demands a quick release of the product.
 - You can develop prioritized requirements first
- Advantages of your software model:
 - Errors are easy to be detected.
 - Easier to test and debug
 - More flexible.
 - Simple to manage risk because it handled during its iteration.

2.2 System Modules

2.2.1 Admin Module

- Admin can see the whole details of the course,learners and instructors.
- Admin can activate the instructor and can also deactivate the instructor.
- Admin can add domain and modify the domain.
- Admin can activate/deactivate the course.
- Admin can see the learners details like course progress and course completed by a particular learner.
- Admin can message to instructor about their course uploaded.
- Admin can delete course, instructor , domain and other admin.

2.2.2 Instructor Module

- Instructor can see the details of the course which he has uploaded.
- Instructor can create new course.
- Instructor can see the number of learner enroll in a particular course.
- Instructor can see the number of learner who has completed a particular course which uploaded by him.
- Instructor can reply to message from admin about their course uploaded.
- Instructor can modify/delete the course uploaded by him.

- Instructor view the pending course uploaded by him.

2.2.3 Learner Module

- Learner can see the course which he want to develop the skill in it.
- Learner can search the courses as per his topic.
- Learner can view his progress of his course enroll course.
- Learner can get certificate after completion of course.
- Learner can view course by domain wise.
- Learner can give feedback to course and instructor.
- Learner can contact to admin through contact us page.
- Anybody can verify certificate by reference id.

2.3 Functional Requirements

2.3.1 Login/Register

- This module will allow admin/instructor and learners to login or create his/her profile.

2.3.2 Forget Password/username

- Anyone can recover password by using his email address.
- Anyone can recover username by using his email address, first name and last name.

2.3.3 Create Domian

- Only Administrators will be allowed to create domain.

2.3.4 Modify Domain

- This option will allow administrators to modify domain.

2.3.5 Authentication.

- After a instructors/learners submits his credentials at the login page the credentials will be collected and validated against security repository, which is store on database.

2.3.6 Details Updation

- Admin,Instructor and Learner can modify is personal details .

2.3.7 Create/Modify Course

- Instructor can create course and can modify uploaded by him.

2.3.8 Instructor Approval

- Admin can activate/deactivate the Instructor.

2.3.9 Course Approval

- Admin can activate/deactivate the course.

2.3.10 Message

- Admin and instructor can interact with each other about course uploaded by instructor.

2.3.11 Search Course

- Learner can search course by topic.

2.3.12 Course Enrolment

- This module will allow a learner to enrollment in course choose by him/her.
- Learner can save the course for later .

2.3.13 Rating

- Learner can give rating to both course and instructor with comments.

2.3.14 Course Certificate

- Certificate will be provided to learner after completion of course.

2.3.15 Certificate verification

- Anyone can verify the certificate provided by us by its reference id.

2.3.16 Logout

- This module will destroy the login session of logged in.

2.4 Non Functional Requirements

2.4.1 Portability

- As this system can work on multiple platforms, portability is an essential attribute.

2.4.2 Performance

- Responses to queries shall take no longer to load onto the screen after the user submits the query.

2.4.3 Maintainability

- The module shall be designed with the view that bugs may need fixing, for future optimisations and for adding extra functionalities for developers.

2.4.4 Safety requirements

- Checking the fact that all clients must be attached to one server, so there can be appropriate control of the information.

2.4.5 Security

- The data generated by the user are only accessible by the admin and system should store these data in MySQL database and must not share them.

2.5 Hardware and Software Requirements

2.5.1 Hardware Requirements

- **Server Side:** Basic configuration for running web application such as Apache/MySQL server is necessary for deploying and testing of this system.
- **Client Side:** Computer with Speaker or Headphone facility / Laptop or smartphone.

2.5.2 Software Requirements

- **Server:** Web Server: Apache/XAMPP
Programming language: php 7
Database: MySQL
Operational System: Unix/Linux /Windows/macOS
- **Client:** Operational System: Unix/Linux /Windows/macOS
Software: Any kind of web browser with JavaScript and HTML5.0 supported.

2.6 Timeline Chart

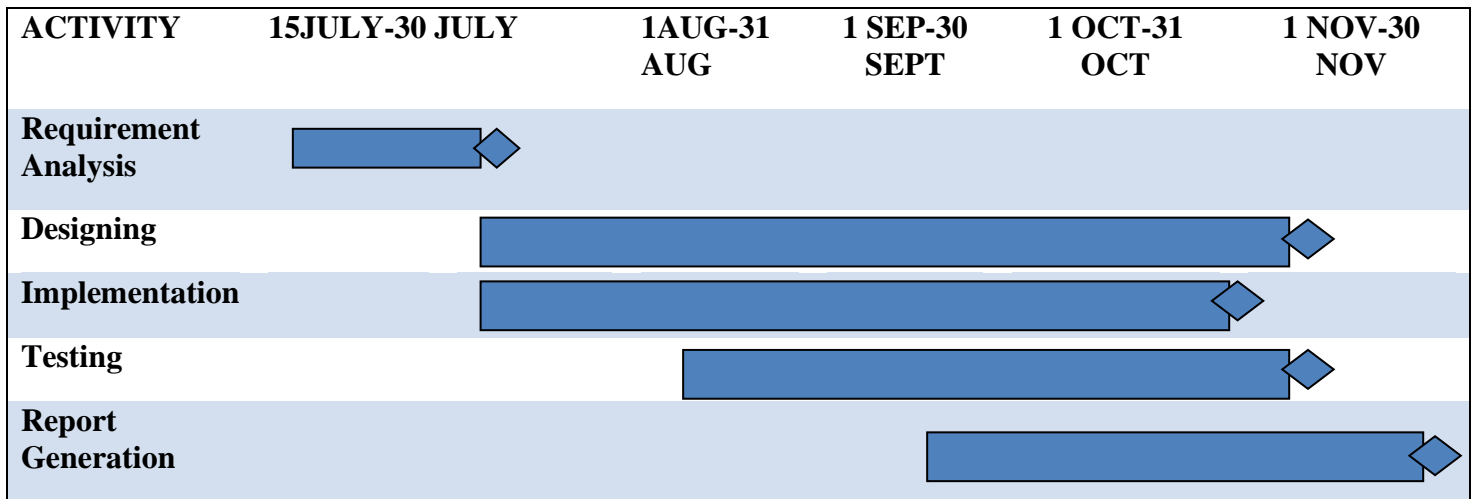


Figure 2.6.1: Timeline Chart

Chapter 3 System Design

3.1 Database Schema.

Table 3.1.1: Role Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Role	TEXT	---	---	Role(admin,instructor,learner)

Table 3.1.2: User Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Firstname	VARCHAR	25	---	First Name
Lastname	VARCHAR	25	---	Last Name
Username	VARCHAR	25	---	User Name
Role	INT	11	---	---
Email	VARCHAR	50	---	Email Address
Password	VARCHAR	255	---	---
SignUpDate	DATETIME	---	Current_timestamp	---
isSubscribed	TINYINT	1	---	---
Auth	VARCHAR	5000	---	---

Table 3.1.3: Instructor Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
User_ID	INT	11	Foreign_key	---
Degree	VARCHAR	200	---	---
Experience	TEXT	---	---	---
University	TEXT	---	---	---
About	TEXT	---	---	---
Img	VARCHAR	1000	---	---
Resume	TEXT	---	---	---
Status	TINYINT	1	---	Active/deactive

Table 3.1.4: Categories Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Name	VARCHAR	50	---	---
Img	VARCHAR	1000	---	Category Image

Table 3.1.5: Entites Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Name	VARCHAR	250	---	---
Thumbnail	VARCHAR	250	---	Image Path
Category_Id	INT	11	Foreign_key	---
Short_des	TEXT	---	---	Short Description
Long_des	TEXT	---	---	Long Description
Teacher_Id	INT	11	Foreign_key	---
Duration	VACHAR	50	---	Format(00:00:00)
Student_en	VARCHAR	3000	---	No. of Student Enroll
Language	TEXT	---	---	---
Overview	TEXT	---	---	Learn after competeing course
Requirement	TEXT	---	---	Before enroll in course
Status	TINYINT	1	---	Active/Deactive

Table 3.1.6: Videos Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Previewvideo	TEXT	---	---	Video File Path
Mainvideo	TEXT	---	---	Video File Path
EntityId	INT	11	Foreign_key	---
Views	INT	11	---	---
uploadDate	DATETIME	---	Current_timestamp	---

Table 3.1.7: Video Progress Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Learner_Id	INT	11	Foreign_key	---
Video_Id	INT	11	Foreign_key	---
progress	INT	11	---	---
Current	DECIMAL	65,0	---	---
Finished	TINYINT	1	---	---
Datemodified	DATETIME	---	Current_timestamp	---

Table 3.1.8: Save_later Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Leaner_id	INT	11	Foreign_key	---
Course_id	INT	11	Foreign_key	---

Table 3.1.9: Feedback Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Learner_id	INT	11	Foreign_key	---
Course_id	INT	11	Foreign_key	---
Ins_rate	INT	11	---	---
Course_rate	INT	11	---	---
Teacher_id	INT	11	Foreign_key	---
Comment	VARCHAR	100	---	---

Table 3.1.10: Message Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Title	TEXT	---	---	---
Sender	INT	11	Foreign_key	---
Receiver	INT	11	Foreign_key	---

isAdmin	TINYINT	1	---	---
Description	TEXT	---	---	---
Status	INT	10	---	0/1
Date	DATETIME	---	Curent_timestamp	---

Table 3.1.11: Certificate Table

Column Name	Data Type	Size	Constraint	Description
Id	INT	11	Primary_key	ID No.
Learner_Id	INT	11	---	---
Course_Id	INT	11	---	---
Certificate	VARCHAR	1000	---	---
Reference_Id	VARCHAR	500	---	---
Issue_date	Date	---	Current_timestamp	---

3.2 ER Diagram

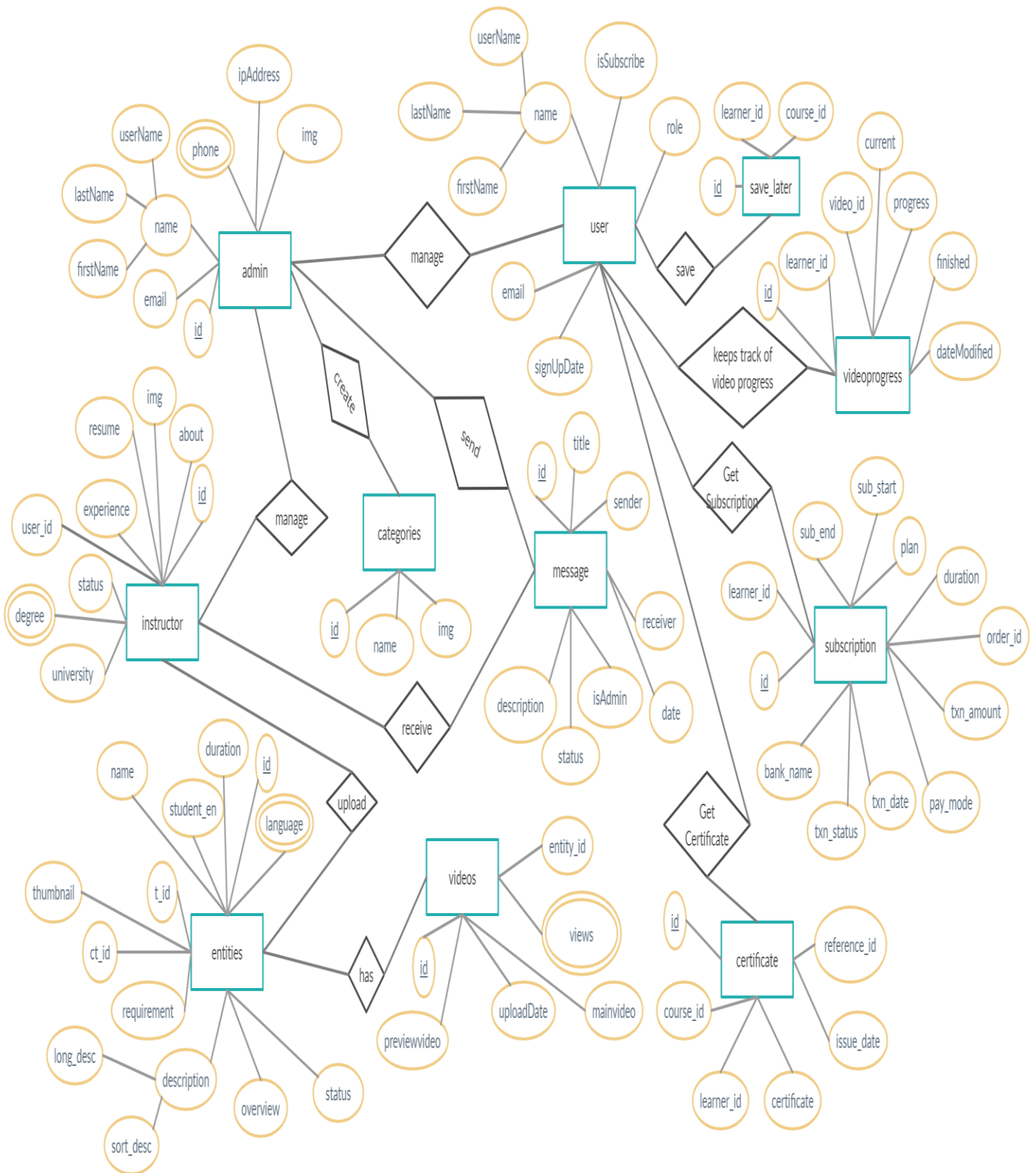


Figure 3.2.1: ER Diagram

3.3 Use Case Diagram

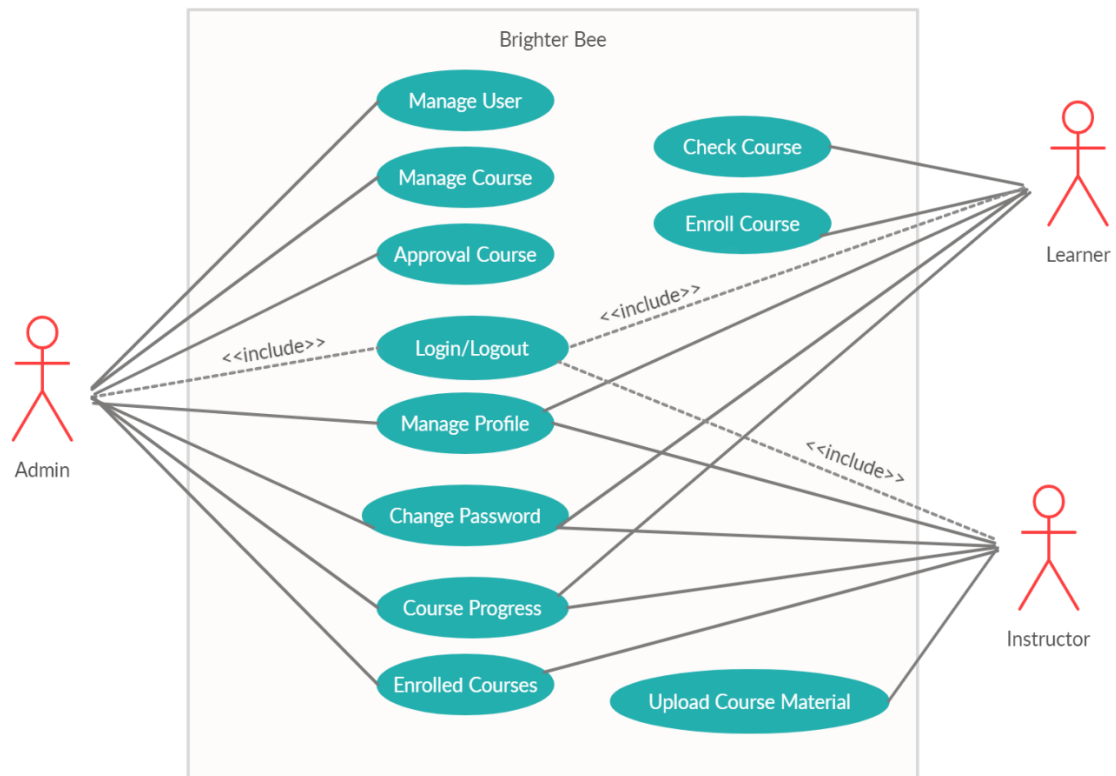


Figure 3.3.1: Use Case Diagram

3.4 Sequence Diagram

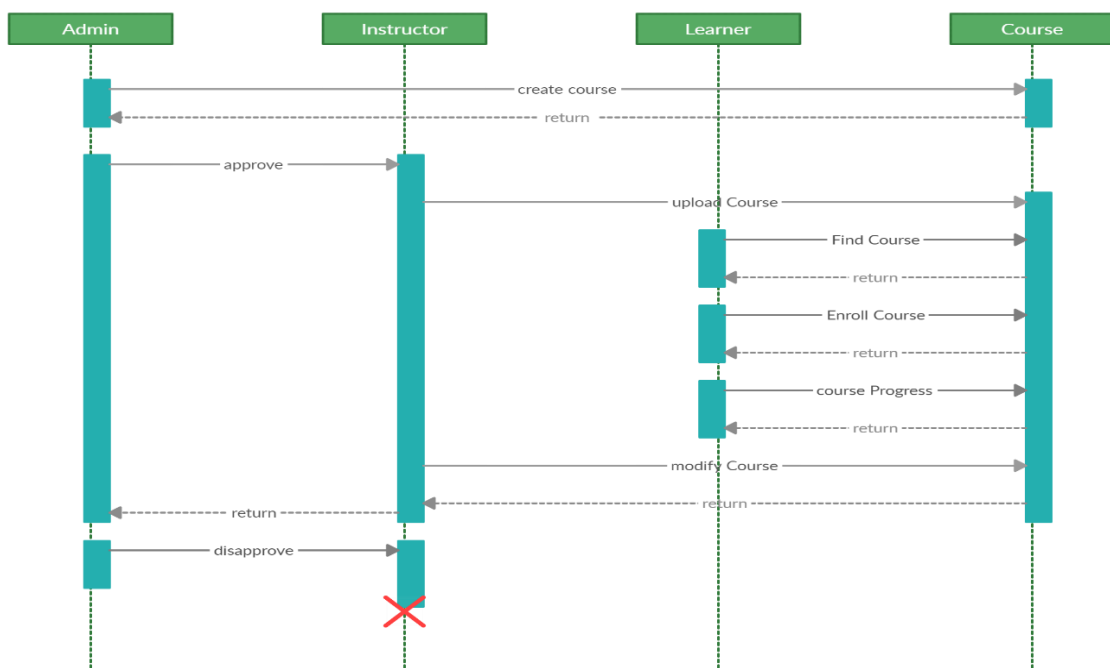


Figure 3.4.1: Sequence Diagram

3.5 Activity Diagram

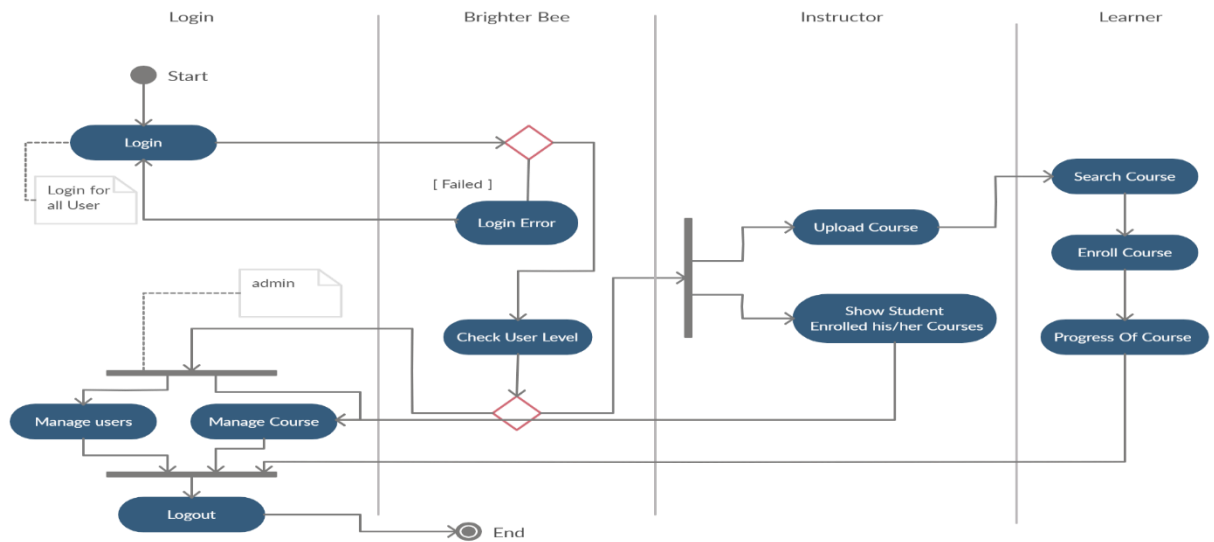


Figure 3.5.1: Activity Diagram

3.6 Class Diagram

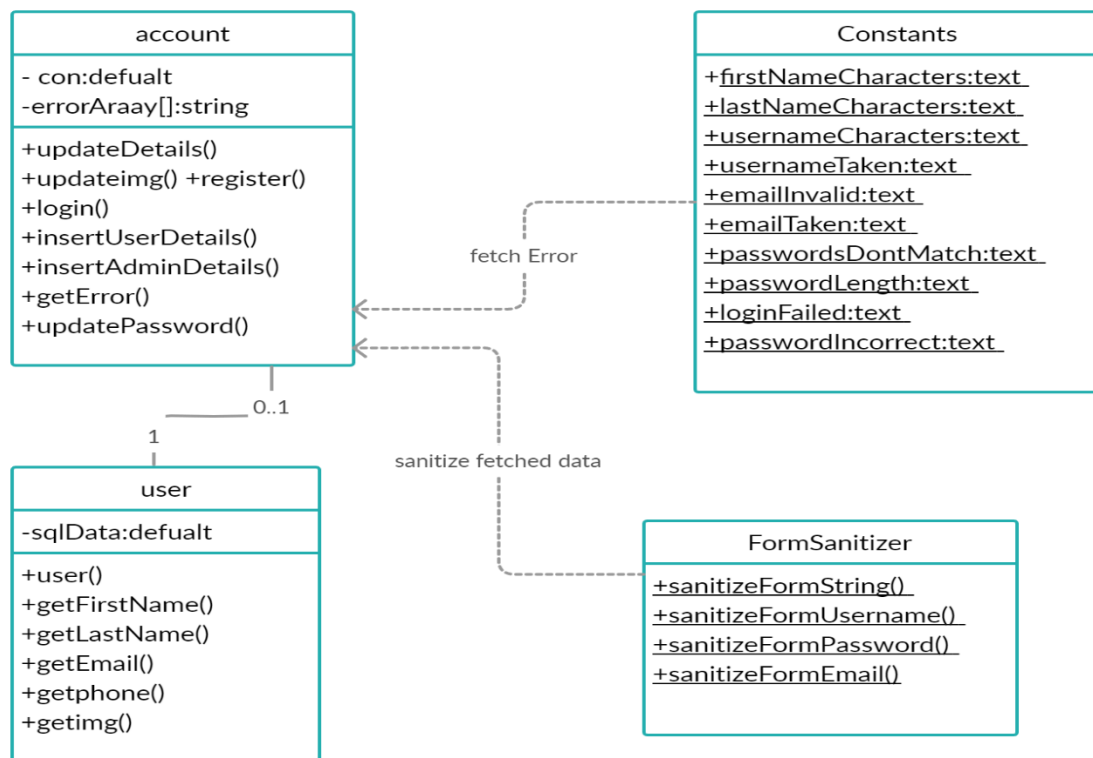


Figure 3.6.1: Class Diagram

3.7 Data Flow Diagram

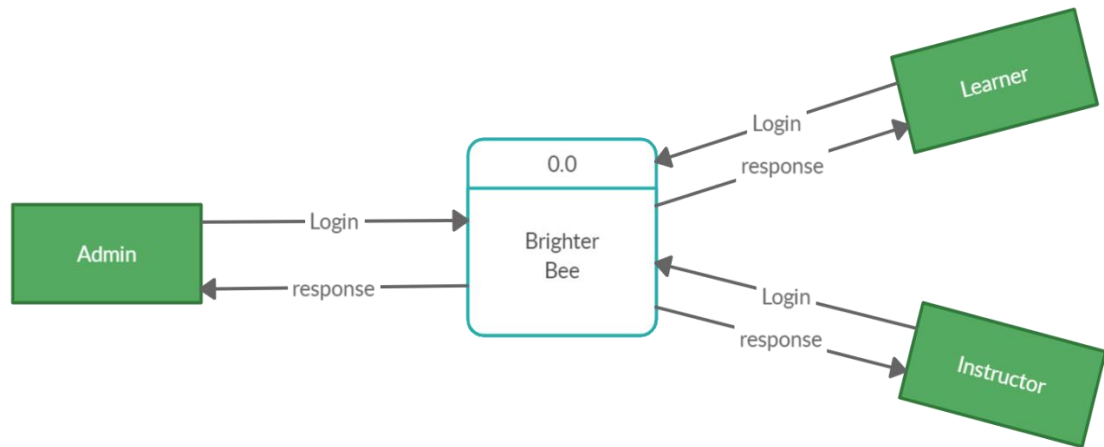


Figure 3.7.1: Data Flow Diagram(Level 0)

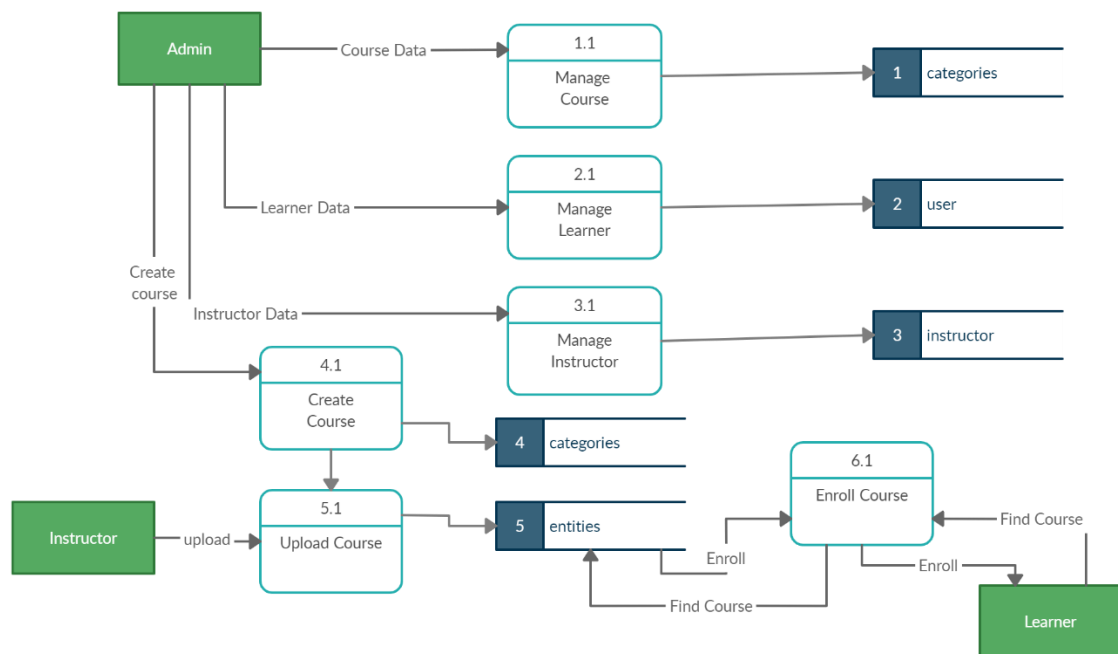



Figure 3.7.2: Data Flow Diagram(Level 1)

Chapter 4 Implementation and Testing

4.1 Snapshots

 BRIGHTER BEE

Search Course...

Home

Popular

Category

Contact

Login/Register

INVEST YOURSELF IN LEARNING NEW SKILLS

Self Education Resources And Infos


Technology is bringing a massive wave of evolution on learning things on different ways

Become A Instructor

PROGRAM


Courses provide will be from the top educator and professor..

Contact Us




AFORDABILITY

Here learner can buy a subscription of a year,so that he can learn any course without paying extra charge.



CERTIFICATION


We provide certificate after the completion of course.



ACADEMIC


We provide the latest information about courses and upto date.

CATEGORIES




Design

Over 7 Courses




Business

Over 7 Courses




Software Development

Over 7 Courses




Web Development


Over 7 Courses




Photography



Audio + Music




Marketing



3D + Animation

Subscription Plan




Bronze

Rs. 32

All Courses Access
1 Month

Purchase




Silver

Rs.159

All Courses Access
6 Months

Purchase



Gold


Rs.256

All Courses Access
1 Year

Purchase

Popular Courses

Courses by Top Rated



Complete Web Design: from Figma to Webflow to Freelancing

Conduct By: **Parth Butani** (Rating: ★ 5.0)





Tableau 2020 A-Z: Hands-On Tableau Training for Data Science


Conduct By: **Sohil Patel** (Rating: ★ 2.0)




Beginning Project Management: Project Management Level One


Conduct By: **Parth Butani** (Rating: ★ 4.5)

4.1.1 Landing Page



Sign In

 Username

 Password

[Forget Password](#) / [Forget Username](#)


Log in


[Create an account](#)


Brighter Bee


4.1.2 Sign In


Sign up


 First Name

 Last Name


 User Name

 Your Email

 Password

 Repeat your password

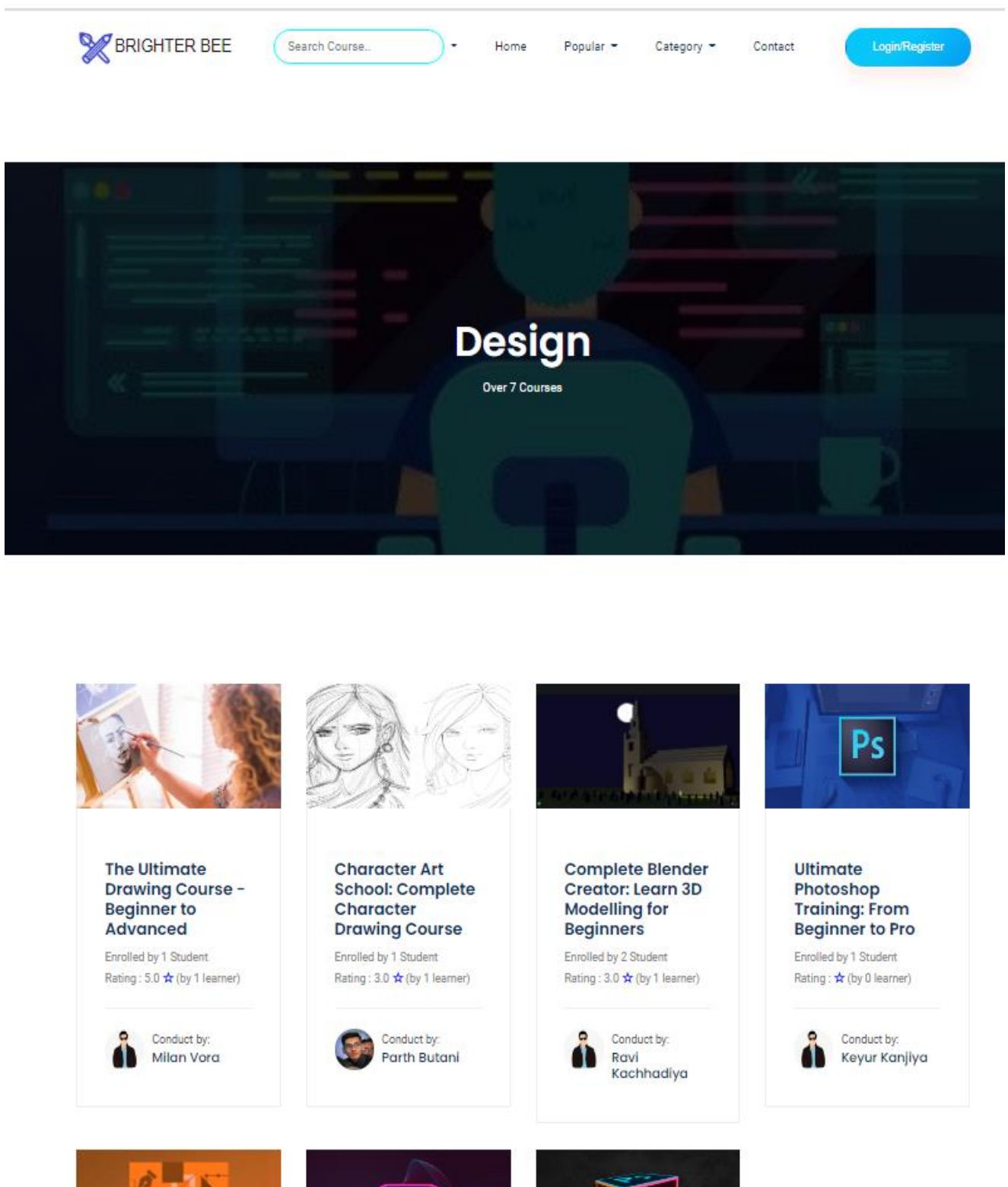
Register



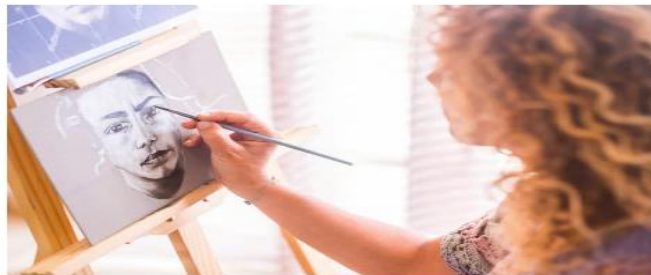
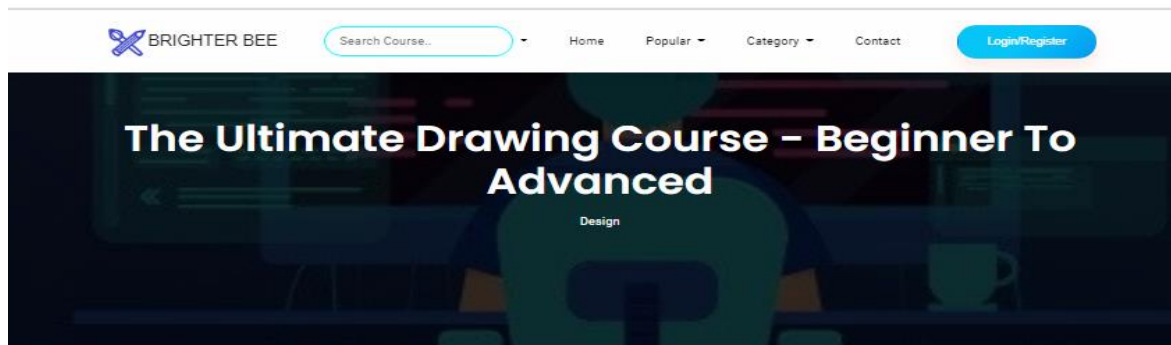
[I am already member](#)

Brighter Boo

4.1.3 Create Account



4.1.4 Single category



Learn the #1 most important building block of all art

📄 Course Type: Subscribed | 👤 Student Enroll: 1 | 🗣️ Language: English | ⭐ Rating: 5.0

This course includes:

- 🕒 2.5 hours on-demand video
- 📺 Full lifetime access
- 📱 Access on mobile and Windows
- 📜 Certificate of completion

Description

The Ultimate Drawing Course will show you how to create advanced art that will stand up as professional work. This course will enhance or give you skills in the world of drawing - or your money back. The course is your track to obtaining drawing skills like you always knew you should have! Whether for your own projects or to draw for other people. This course will take you from having little knowledge in drawing to creating advanced art and having a deep understanding of drawing fundamentals.

What I will Learn?

- Draw objects out of your head.
- Draw realistic light and shadow.
- Understand the fundamentals of art.
- Draw perspective drawings.
- Draw the human face and figure.

Before Starting this course

- Paper
- Pencil
- Eraser
- Ruler
- Motivation to learn!

➔ Enroll Now

➔ Save For Later



Instructor

Milan Vora

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters.

Category

- Design
- Business
- Software Development

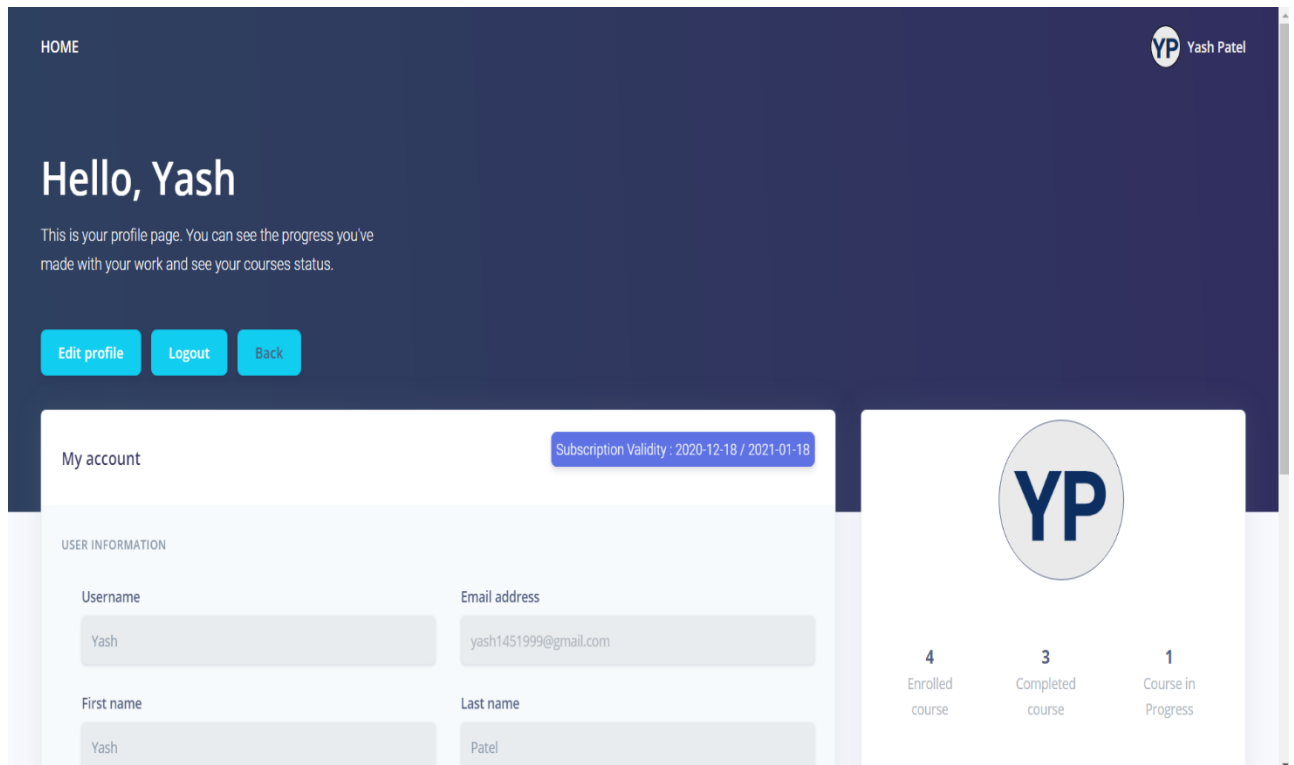
Top Author

- Parth Butani
- Milan Vora
- Ravi Kachhadiya
- Keyur Kanjia
- Sohil Patel

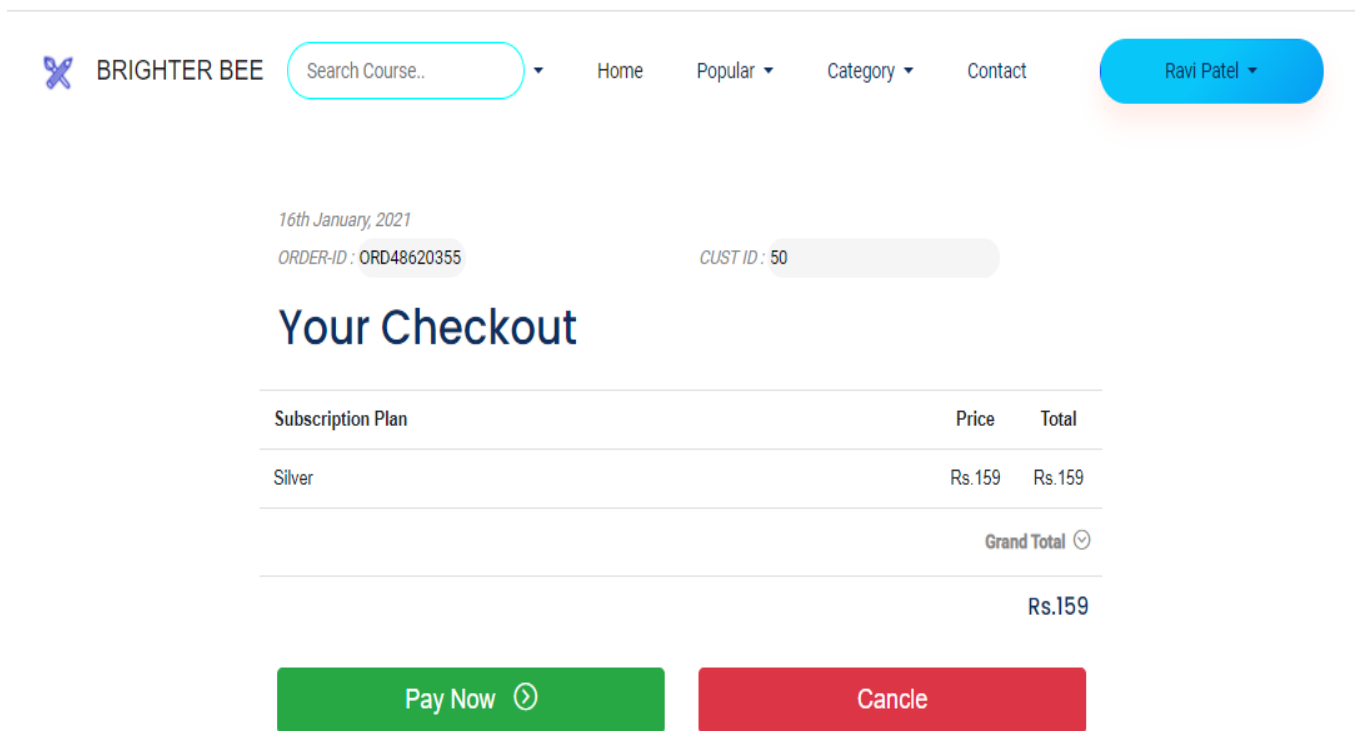
Similar courses



4.1.5 Single course



4.1.6 Profile page (learner)



4.1.7 Checkout

BUTANI PARTH BHAGVANBHAI

[< GO BACK](#)

BUTANI PARTH BHAGVANBHAI Order

Transaction ID: ORD48620355

Amount to be paid
₹159

PAY INSTANTLY USING QR CODE

Scan QR code using your Paytm app

Click to enlarge

SELECT AN OPTION TO PAY

☐

Pay easily using your saved payment methods

☐

Credit Card

☐

Debit Card

☒

Net Banking

State Bank of India

HDFC Bank

ICICI Bank

Axis Bank

Punjab National Bank

Select from all other banks

▼

PAY ₹ 159

4.1.8 Payment ways

Thank You for your purchase!

Transation# 20210116111212800110168439102250360

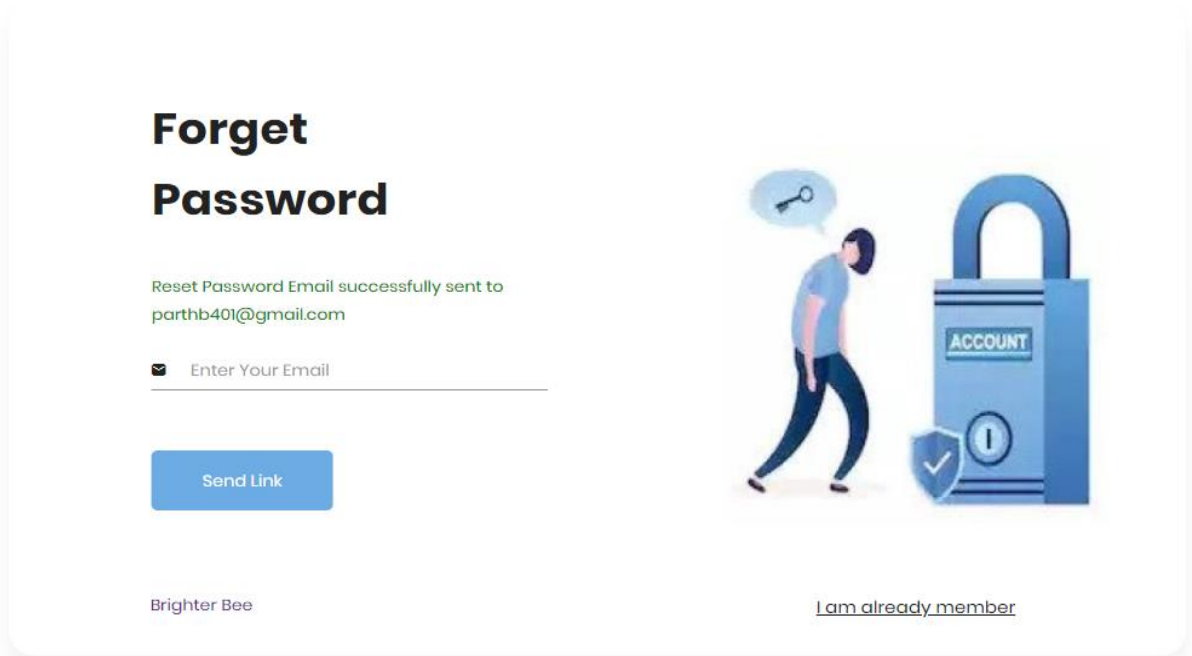
[< Back](#)

Your transation status has been successfully processed.

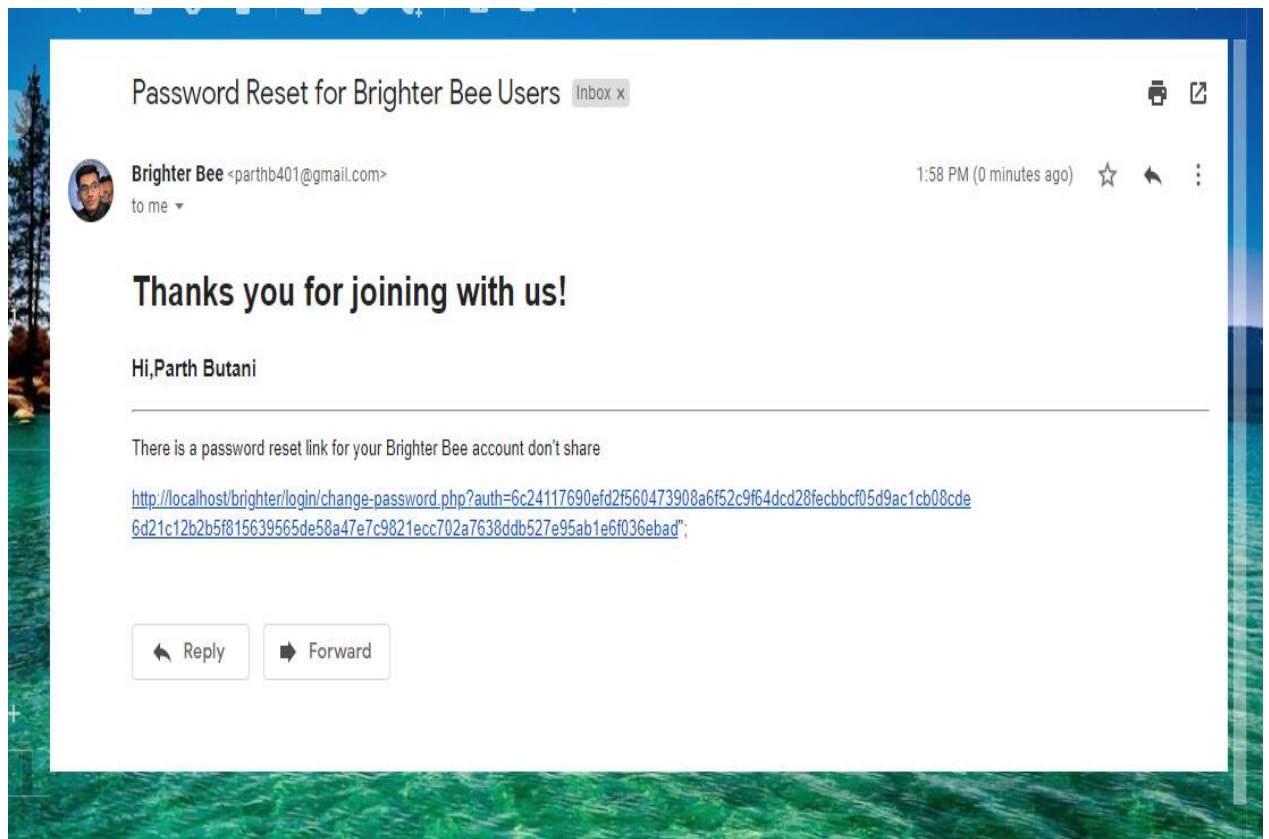
ORDERID	ORD78465484
TXNID	20210116111212800110168439102250360
TXNAMOUNT	159.00
PAYMENTMODE	NB
TXNDATE	2021-01-16 13:41:26.0
STATUS	TXN_SUCCESS
BANKNAME	AXIS

4.1.9 Transaction detail

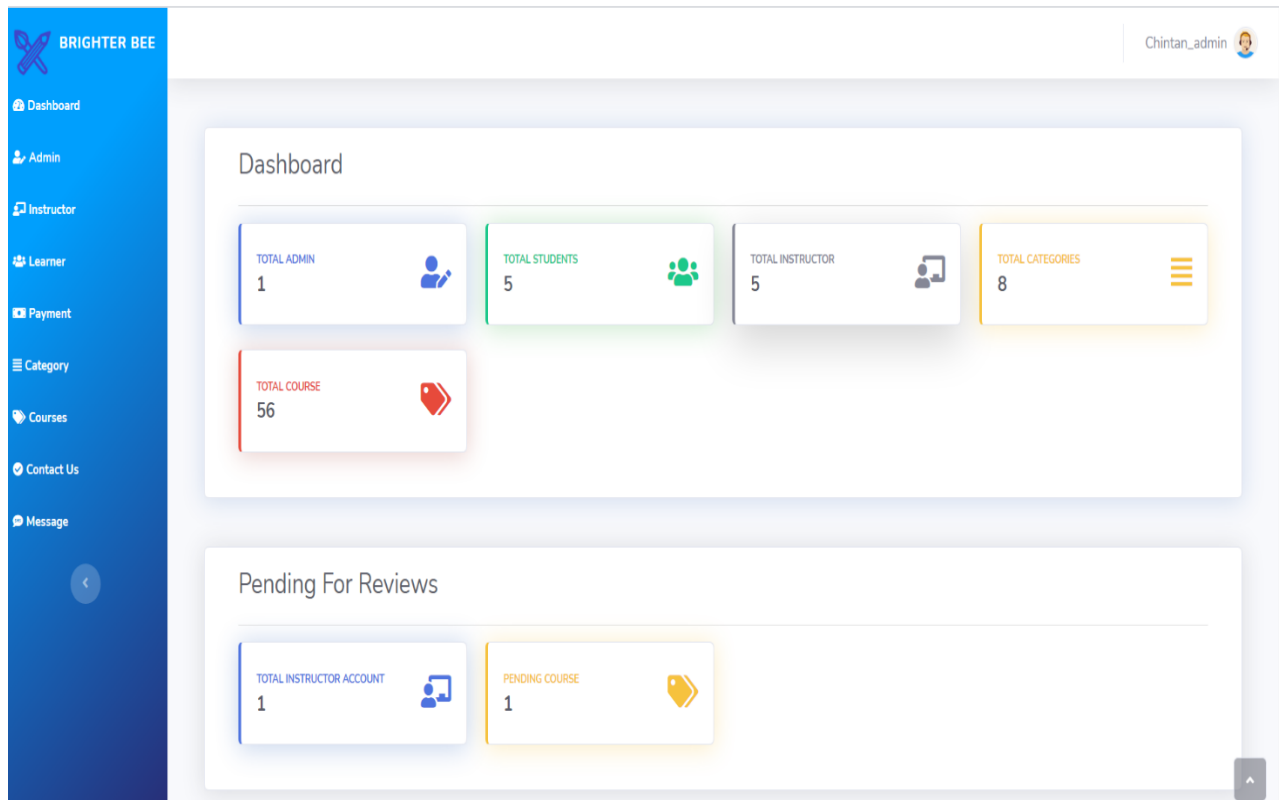
23



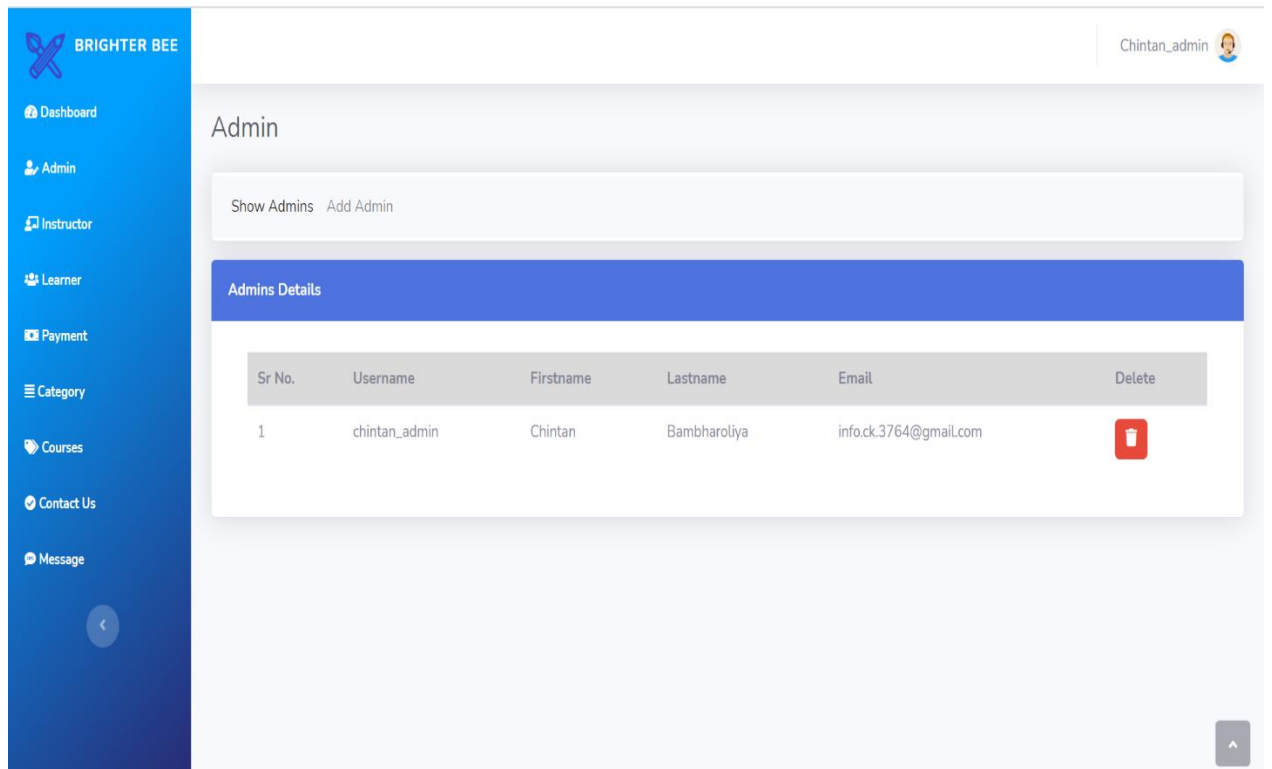
4.1.10 Forget password



4.1.11 Link of reset password in mail



4.1.12 Admin dashboard



4.1.13 Admins details

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Instructor

Show Instructor Pending Instructor

Instructor Details

Show
10
entries

Search:

Sr No.	Username	Firstname	Lastname	Email	Detail	Update	Delete
1	milan	Milan	Vora	milan@gmail.com		DeActivate	
2	parth_ins	Parth	Butani	parthb401@gmail.com		DeActivate	
3	ravi_ins	Ravi	Kachhadiya	ravi@gmail.com		DeActivate	
4	keyur_ins	Keyur	Kanjiya	keyur@gmail.com		DeActivate	

Showing 1 to 4 of 4 entries

Previous
1
Next

4.1.14 No. of instructor

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Instructor

Instructor Details

Instructor Username

milan

Firstname

Milan

Lastname

Vora

Qualification

b.tech

University

ganpat university

Experience

1

About Instructor

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters.

Instructor Rating (5/5)

Course Upload by Milan Vora

Show
10
entries

Search:

Sr No.	Course Name	Details
1	CSS - The Complete Guide 2020 (incl. Flexbox, Grid & Sass)	
2	Beginner to Pro in Excel Financial Modeling and Valuation	
3	The Ultimate Drawing Course - Beginner to Advanced	
4	User Experience Design Essentials - Adobe XD UI UX Design	
5	Photography Masterclass & Complete Guide to Photography	

4.1.15 Instructor details

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Instructor

Show Instructor Pending Instructor

Instructor Details

Sr No.	Username	Firstname	Lastname	Email	Details	Status	Delete
1	sohil_ins	Sohil	Patel	sohil@gmail.com		Activate	

4.1.16 Pending instructor

26

BRIGHTER BEE

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Learner

Learner Details

Show 10 entries
Search:

Sr No.	Username	Firstname	Lastname	Email	Subscription	Details	Delete
1	Yash	Yash	Patel	yash1451999@gmail.com	Active		
2	parth	Parth	Butani	parth@parth.com	Active		
3	guatam	Gautam	Patel	guatam@guatam.com	Active		
4	ravi	Ravi	Patel	ravi@ravi.com	Not Subscribed		
5	chintan	Chintan	Patel	chintan@chintan.com	Active		

Showing 1 to 5 of 5 entries
Previous 1 Next

4.1.17 No. of learners

BRIGHTER BEE

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Learner Details

Course Enrolled by Yash Patel

Course Completed by Yash Patel

Show 10 entries
Search:

Sr No.	Course Name	Progress	Details
1	MBA in a Box: Business Lessons from a CEO		

Showing 1 to 1 of 1 entries
Previous 1 Next

Show 10 entries
Search:

Sr No.	Course Name	Details
1	Beginning Project Management: Project Management Level One	
2	Complete Web Design: from Figma to Webflow to Freelancing	
3	Machine Learning A-Z™: Hands-On Python & R in Data Science	

Showing 1 to 3 of 3 entries
Previous 1 Next

4.1.18 Learners details

BRIGHTER BEE

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Subscription

Plans Payments

Plan Details

Show 10 entries
Search:

Sr No.	Plan Name	Duration	Price	Update	Activate/Deactivate	Status
1	Bronze	1 Month	32		Choose Action	Active
2	Silver	6 Months	159		Choose Action	Active
3	Gold	1 Year	256		Choose Action	Active

Showing 1 to 3 of 3 entries
Previous 1 Next

4.1.19 subscription plans details

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Subscription

Plans Payments

Payment Details

dd-mm-yyyy to 16-01-2021

Show 10 entries

Search:

Sr No.	OrderID	Plan	Duration	Amount	Pay_Mode	Timestamp	View
1	ORD86267372	Gold	1 Year	89.00	NB	2020-12-16	
2	ORD38820528	Bronze	1 Month	32.00	NB	2020-12-18	
3	ORD3789324	Bronze	1 Month	32.00	NB	2020-12-19	
4	ORD76759722	Silver	6 Months	159.00	NB	2020-12-19	

4.1.20 payments (done by learners)

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Category

Add Category Show Category

Categories Details

Sr No.	Category Title	Thumbnail	Update	Delete
1	Design			
2	Business			
3	Software Development			

4.1.21 No. of categories

Dashboard
Admin
Instructor
Learner
Payment
Category
Courses
Contact Us
Message

Chintan_admin

Courses

Show Courses Pending Course

Courses Details

Show 10 entries

Search:

Sr No.	Course Name	Category	Instructor	Details	delete
1	Web Design for Beginners: Real World Coding in HTML & CSS	Web Development	Parth Butani		
2	CSS - The Complete Guide 2020 (incl. Flexbox, Grid & Sass)	Web Development	Milan Vora		
3	WordPress for Beginners: Create a Website Step by Step	Web Development	Parth Butani		
4	UI & Web Design using Adobe Illustrator CC	Web Development	Ravi Kachhadiya		

4.1.22 Courses details

BRIGHTER BEE

Chintan_admin

Courses

Show Courses Pending Course

Courses Details

Show 10 entries Search:

Sr No.	Course Name	Thumbnail	Category	Instructor	See	Send Msg	Activate	Delete
1	Wordpress for Beginners - Master Wordpress Quickly		Web Development	Sohil Patel				

Showing 1 to 1 of 1 entries

Previous 1 Next

4.1.23 Pending courses

BRIGHTER BEE

Chintan_admin

Chat

Message

From: Parth Butani 2020-11-24 19:28:33

ok

Wordpress for Beginners - Master Wordpress Quickly no good 2020-11-24 19:27:05

Wordpress for Beginners - Master Wordpress Quickly no good 2020-11-24 19:27:10

ok letter 2020-11-24 19:28:33

DONE

4.1.24 Message from admin to instructor

Brighter Bee

Parth_ins

Good night Parth Butani 21:49:57

Dashboard

Home / Dashboard

17 Uploaded Course

9 Total Enroll students

0 Pending Course For Activate

4.5 Rating

Total Category Uploaded Courses

Sr no.	Category Name	Total Courses	Student Enrolled
1	Design	2	1
2	Business	1	2
3	Software Development	3	1
4	Web Development	3	4
5	Photography	2	0
6	Audio + Music	2	0

4.1.25 Instructor dashboard

Parth_ins

[Dashboard](#)

COURSES

[Create Course](#)

[Show Course](#)

CONTACT

[Message](#)

COURSES

[Home](#) / [create-course](#)

Good night Parth Butani
21:50:11

Create Course

Course name

Course Name

Category

-----Select Category-----

Enter Short Description

Short Description

Enter Long Description

Long Description

Duration

language

Enter Course language

4.1.26 Create course

Parth_ins

[Dashboard](#)

COURSES

[Create Course](#)

[Show Course](#)

CONTACT

[Message](#)

COURSES

[Home](#) / [Show-course](#)

Good night Parth Butani
21:50:18

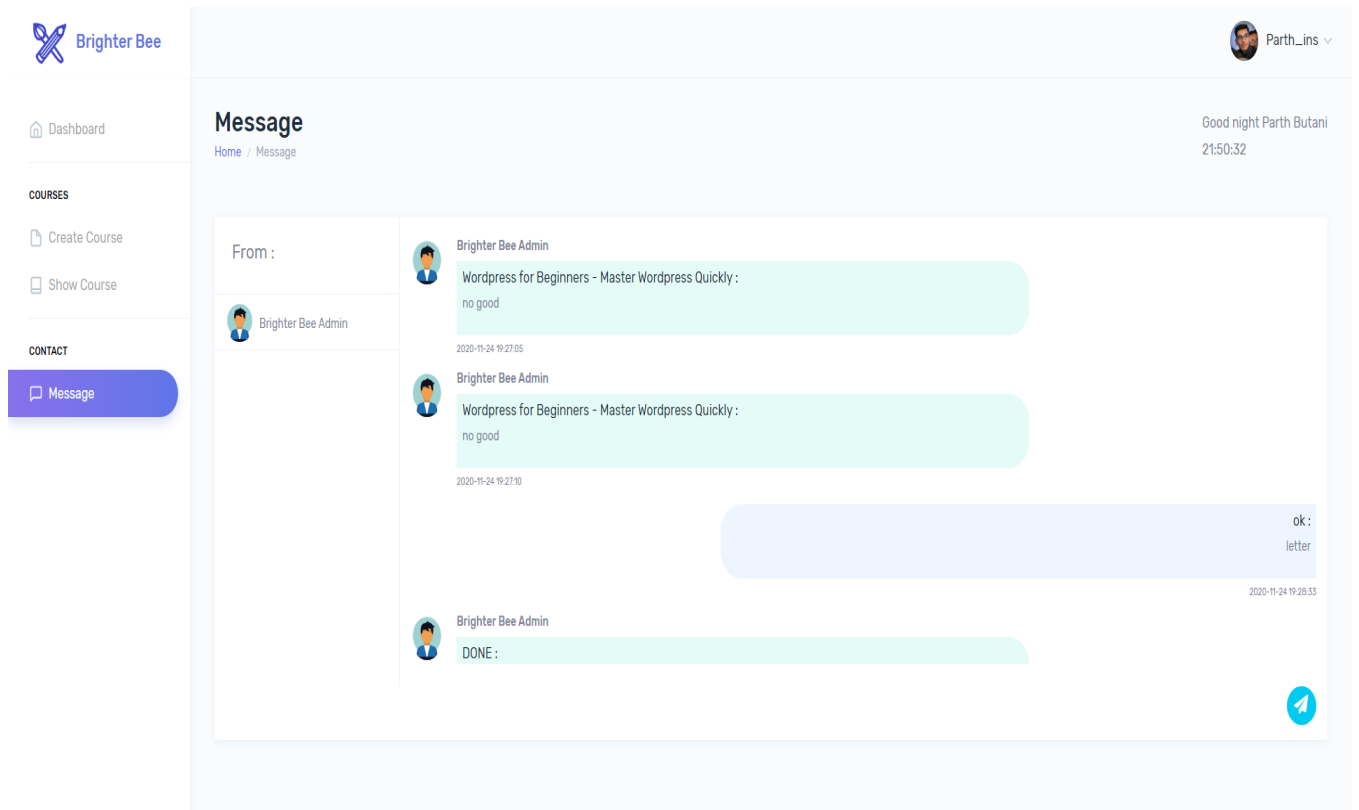
Courses Upload By Parth Butani

Show entries

Search:

Sr no.	Course Name	Category	Rating	Details	update	delete
1	Web Design for Beginners: Real World Coding in HTML & CSS	Web Development	-			
2	WordPress for Beginners: Create a Website Step by Step	Web Development	-			
3	Complete Web Design: from Figma to Webflow to Freelancing	Web Development	4.5			
4	Beginning Project Management: Project Management Level One	Business	5.0			
5	Character Art School: Complete Character Drawing Course	Design	3.0			
6	Graphic Design Bootcamp: Photoshop, Illustrator, InDesign	Design	-			
7	The Web Developer Bootcamp	Software Development	-			

4.1.27 No. of courses



4.1.28 Message from instructor to admin

The screenshot displays the 'Details' and 'Change Password' sections of the Brighter Bee application. The 'Details' form includes the following fields:

- Firstname: Parth
- Lastname: Butani
- Username: Parth_ins
- Email: parthb401@gmail.com
- Qualification: B.tech
- Experience: 5

The 'About You' section contains a text area with placeholder text: 'In publishing and graphic design, Lorem ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content'. An 'Update' button is located below the text area.

The 'Change Password' form includes the following fields:

- Old Password
- New Password
- Confirm Password

An 'Update Password' button is located below the 'Confirm Password' field.

The user 'Parth Butani' is logged in, and the status 'Good night Parth Butani 21:50:32' is shown at the top right.

4.1.29 Profile (instructor)

4.2 Test Cases

Table 4.2.1 : Test Cases Table

Test ID	Case	Test Data	Expected Result	Actual Result	Pass/Fail
1	Login	- Internet Connectivity - Login ID - Password	If Login ID & password is empty or invalid and No Internet connectivity then display Error message otherwise Login successfully	If Login ID & password is empty or invalid and No Internet connectivity then display Error message.	Pass
2	Check Subscription	- Check payment details	If payment details verified then learner can enroll any courses otherwise can't enroll.	If payment details verified then learner can enroll any courses.	Pass
3	Certificate Validation	- Internet Connectivity - Reference ID	If any Certificate found with this reference ID then it shows Verified otherwise shows Not verified and that certificate not provided by Brighter bee	Certificate found with this reference ID then it shows Verified	Pass
4	Update user data	- User details	User data will update	User data was updated successfully and new data	Pass

				display into profile screen.	
5	Instructor Account Status	-Registration details	If Instructor's account is activated then he/she can login and upload course otherwise can not login.	Instructor's account is activated then he/she can login and upload course.	Pass
6	Forgot password	- Email id	If email id is valid & Authorized then reset password link will be sent to email .	Reset password link will be sent if the email id is authorized and valid.	Pass
7	Logout	- Select logout	User should logout of the website and redirected to login page.	User get logout of the website and redirected to login page.	Pass

Conclusion and Future Scope

This website can access from anywhere and any time. Learner can enroll any course by taking subscription and get certificate after completion of course. The instructor can also provide their course which can be uploaded and can give knowledge to others to develop their skills.

In future, try to develop application of this website to support platform such as Android, iOS.

References

Web references

- [1] [Online] <https://getbootstrap.com/>
- [2] [Online] <https://www.php.net/>
- [3] [Online] https://www.w3schools.com/xml/ajax_intro.asp
- [4] [Online] <https://datatables.net/manual/index>