



A PROJECT REPORT ON

“E-Learning Platform - LearniFy”

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For

TYBBA(CA) Semester – VI, 2022-23

Savitribai Phule Pune University, Pune

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DEPARTMENT OF BBA(C.A)

CERTIFICATE

This is to certify that

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has completed the Project on “E-LEARNING PLATFORM-
Learnify” for the partial fulfilment of TYBBA (C.A) Semester– VI
MAY 2023 laid down by Savitribai Phule Pune University, Pune for
the Academic year 2022-23.

His performance is

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Prof. Nimbalkar Mam

H.O.D.

Prof Nimbalkar Mam

Internal Examiner

External Examiner

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1. INTRODUCTION

LearniFy is a modern and innovative e-learning platform designed to provide learners with a seamless, engaging, and interactive learning experience. The platform is built to cater to the needs of learners across different age groups and learning styles, and is designed to be accessible from anywhere at any time.

LearniFy's user-friendly interface makes it easy for learners to navigate the platform and access the courses and resources they need. The platform features a diverse range of courses, including academic subjects, professional development, personal growth, and hobbies.

LearniFy's courses are designed by experts in their respective fields and are tailored to suit the needs of different learners. The platform also offers a variety of learning materials, such as videos, quizzes, assignments, and interactive simulations, to enhance the learning experience.

LearniFy's advanced learning management system provides learners with detailed feedback on their progress, and allows them to track their performance and set goals for themselves. Additionally, the platform features a social learning component, allowing learners to connect with peers and instructors, collaborate on projects, and share knowledge.

LearniFy's mission is to make learning more accessible, engaging, and effective for learners everywhere, and to help them achieve their personal and professional goals.

1.2 NEED OF THE SYSTEM

LearniFy is a comprehensive e-learning platform that fulfills the need for a modern, user-friendly, and accessible online learning system. The platform provides learners with a wide range of courses and resources tailored to their needs, making education more accessible and convenient for them. LearniFy's learning management system enables learners to track their progress and receive personalized feedback, allowing them to monitor their performance and identify areas where they need improvement. Additionally, LearniFy's social learning component facilitates collaboration and knowledge-sharing, creating a community of learners that enhances the overall learning experience. Overall, LearniFy meets the increasing demand for flexible and interactive learning systems that enable learners to acquire knowledge and skills at their own pace and on their own terms.

1.3 SCOPE OF PROPOSED THE SYSTEM :

The scope of the proposed system, LearniFy, is broad and diverse, encompassing a wide range of academic, professional, and personal development courses. The platform caters to the needs of learners of all ages, backgrounds, and learning styles, providing them with access to quality educational resources from anywhere in the world.

LearniFy's scope includes a variety of features, such as a user-friendly interface, diverse courses, interactive learning materials, a social learning component, and a robust learning management system. These features are designed to provide learners with an engaging, flexible, and personalized learning experience, allowing them to acquire new knowledge and skills at their own pace and on their own terms.

Furthermore, LearniFy's scope extends beyond the platform itself, as it aims to promote a culture of lifelong learning and continuous improvement. By enabling learners to connect with experts in their fields, collaborate with peers, and share knowledge, LearniFy helps to create a community of learners that is motivated, engaged, and committed to personal and professional development.

1.4 PROBLEM DEFINITION :

The traditional education system faces numerous challenges, such as lack of accessibility, limited resources, and rigid structure, which can hinder the learning process and prevent learners from reaching their full potential. Additionally, the recent pandemic has accelerated the need for remote learning options, which has highlighted the limitations of traditional learning systems.

LearniFy aims to address these challenges by providing a modern, innovative e-learning platform that overcomes the limitations of traditional education. The system provides learners with a diverse range of courses, interactive learning materials, and a social learning component, making education more accessible, engaging, and effective. By addressing these challenges, LearniFy helps to ensure that learners have access to quality education, regardless of their background or location.

2. FACT-FINDING TECHNIQUES :

2.1 Interview :

1. What are the biggest challenges you face in your current learning environment?
2. What kind of courses do you prefer to learn online?
3. How do you typically go about finding and selecting online learning resources?
4. Can you describe your ideal learning experience, including the features and functionality you would like to see in an online learning platform?
5. How do you track your progress and measure your learning outcomes when learning online?

2.2 Record review :

The LearniFy System analytics can reveal information about user behavior on the platform, such as which courses are most popular and which features are being used the most. Course completion rates can help identify areas where learners are struggling or where the content may need improvement. User engagement metrics can provide insights into how learners are interacting with the platform, such as how often they log in, how long they spend on the platform, and how often they engage with other learners or instructors.

2.3 Observation :

Observation of LearniFy system involves closely watching how users interact with the platform to identify any usability issues or areas where the user experience could be improved. This can include observing how users navigate the platform, how they interact with course materials, and how they communicate with instructors or peers.

1. FEASIBILITY STUDY :

3.1 Technical Feasibility :

From a technical standpoint, LearniFy is feasible as it leverages modern technology and software to provide a robust and scalable e-learning platform. The system uses cloud-based hosting, which enables it to handle large volumes of traffic and provide a high level of performance and reliability. Additionally, LearniFy employs responsive design, which ensures that the platform can be accessed from a variety of devices, including desktops, laptops, tablets, and smartphones, making it accessible to learners on-the-go.

Overall, LearniFy's technical infrastructure and architecture provide a solid foundation for delivering an effective and user-friendly e-learning experience to learners worldwide.

3.2 Operational Feasibility :

In this regard, LearniFy is operationally feasible, as it provides a user-friendly interface, diverse course offerings, interactive learning materials, and a robust learning management system. These features are designed to provide learners with an engaging, flexible, and personalized learning experience, allowing them to acquire new knowledge and skills at their own pace and on their own terms.

Additionally, the system is scalable and adaptable, enabling it to meet the evolving needs of the organization and its users. The platform can be easily customized to accommodate new courses, technologies, and instructional methods as they emerge, ensuring that the system remains relevant and effective over time.

3.3 Economically feasibility :

LearniFy is economically feasible, as it reduces the cost of delivering education through its digital delivery model, eliminating the need for physical infrastructure and reducing administrative and instructional costs. Additionally, the platform's pay-per-use model enables learners to pay for the courses they want to take, rather than committing to an expensive and rigid course schedule. This helps to reduce the financial burden on learners and promotes a more accessible and equitable education system.

4. Requirement Analysis :

4.1 Hardware:

Hard Disk : 64 GB & Onwards

RAM : 1 GB & Onwards

Processor : Intel Core - i3

4.2 Software:

Operating System : Windows-7 Onwards, Linux-Ubuntu

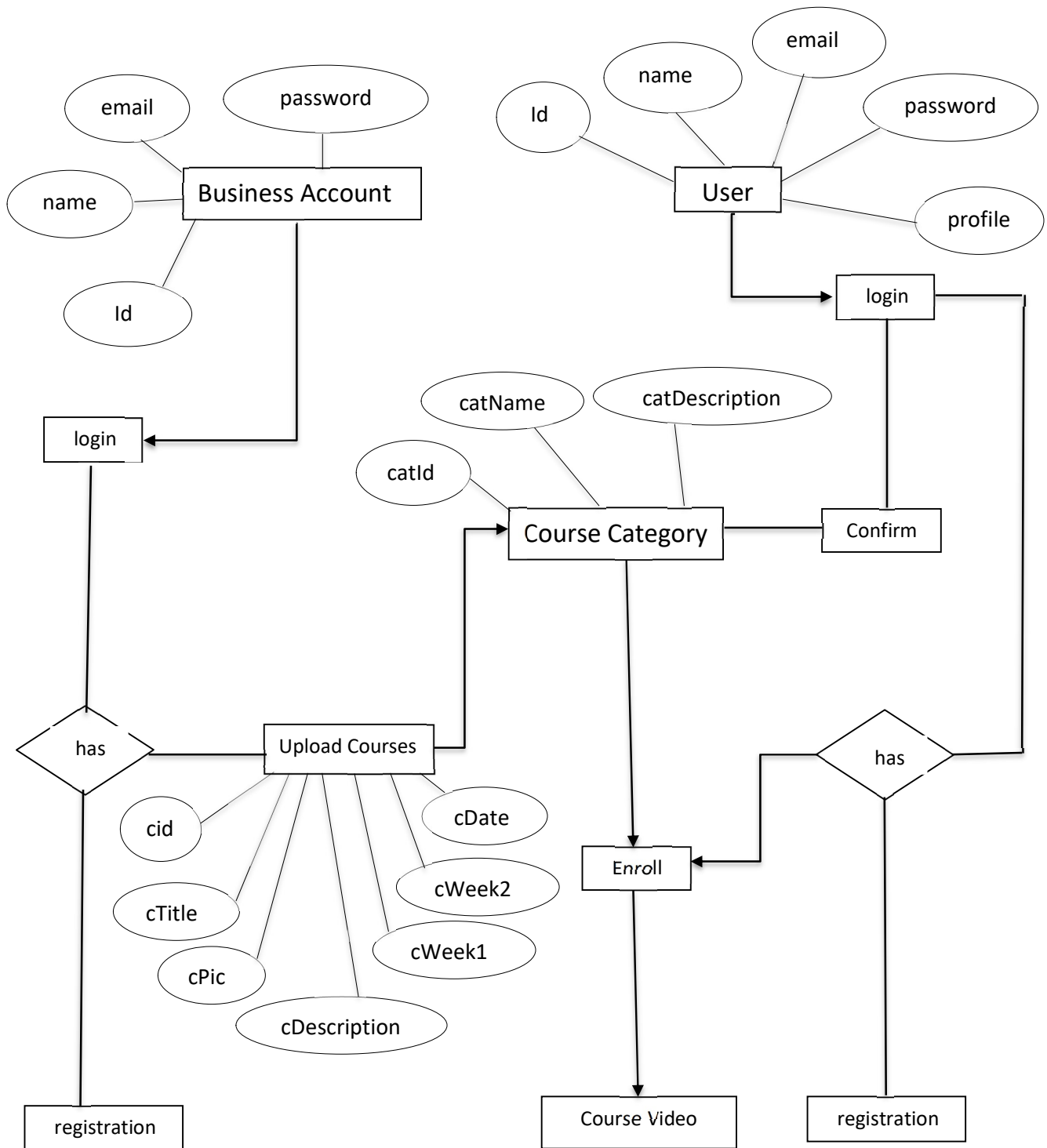
Technologies Used :

front-end – HTML, CSS, JavaScript, BOOSTRAP

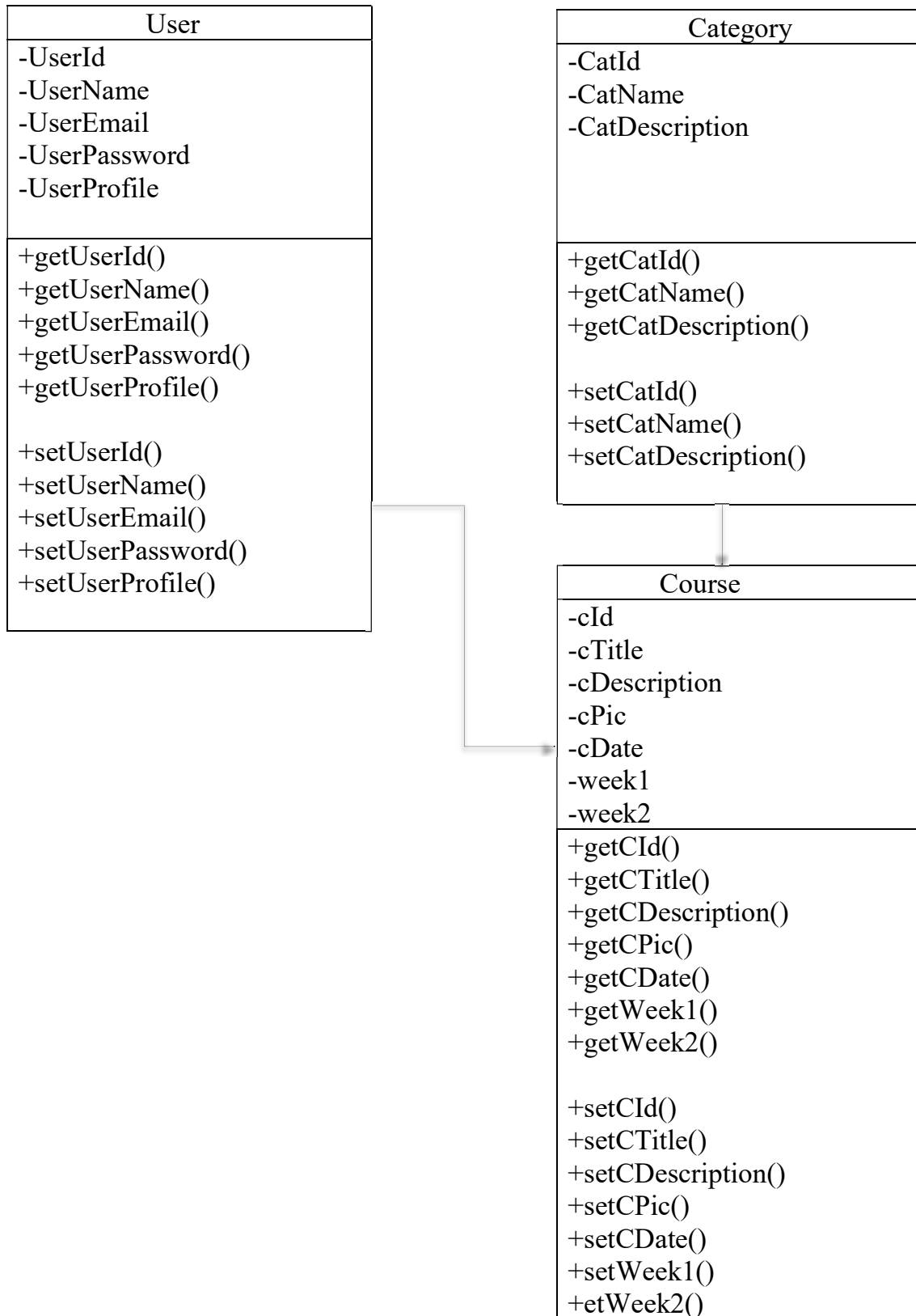
Back-end - JSP , Servlet

5. SYSTEM DIAGRAMS

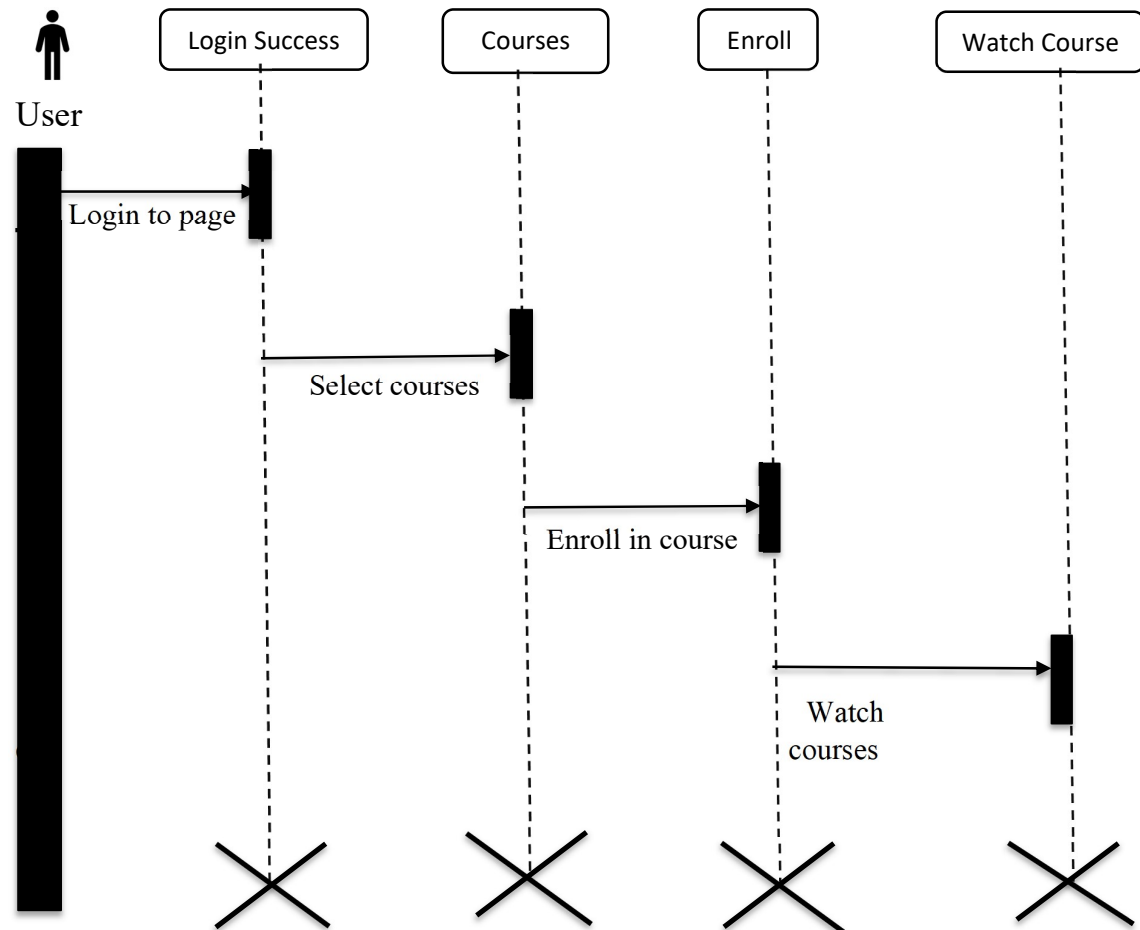
5.1 ER Diagram



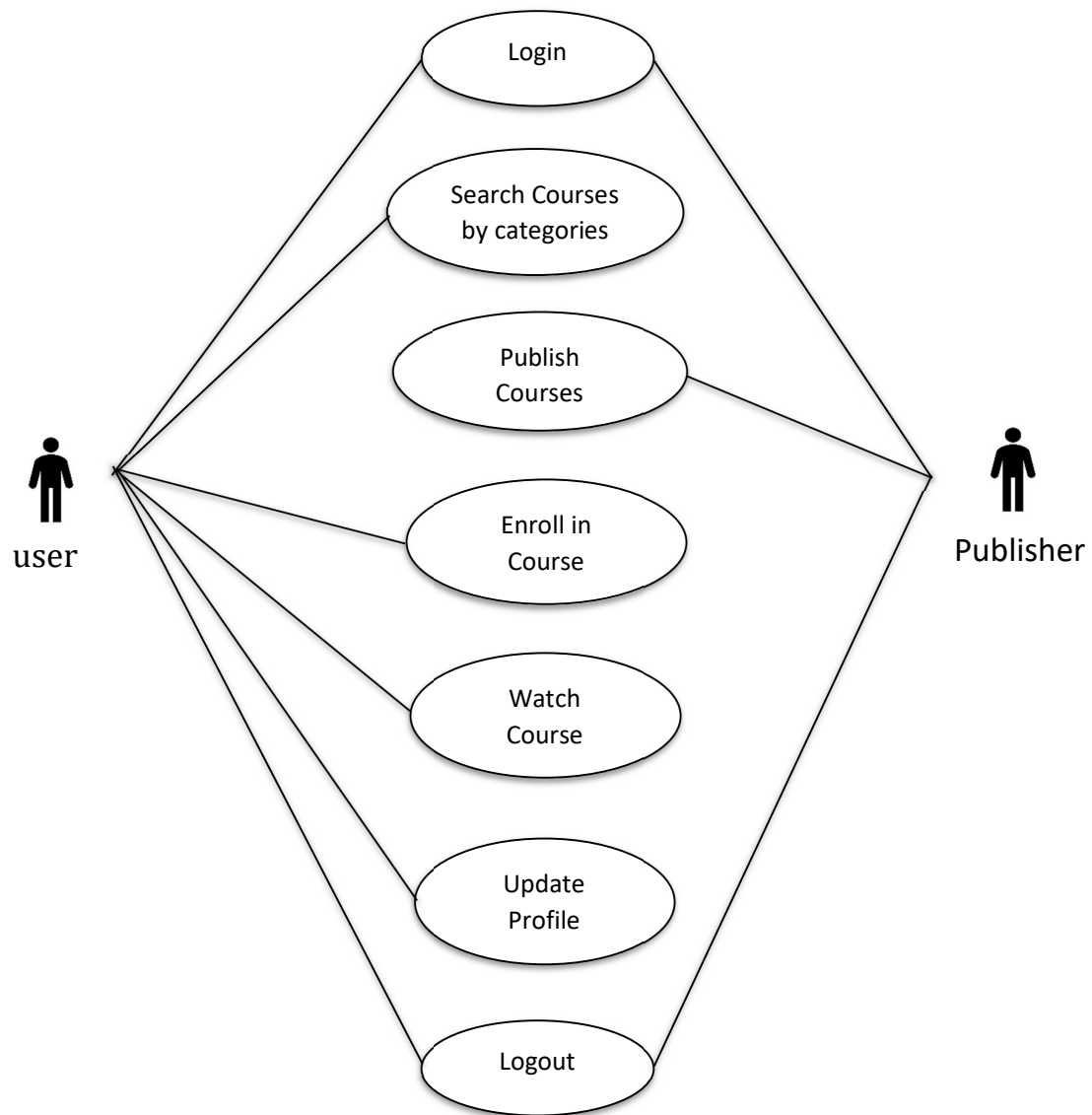
5.2 Class Diagram



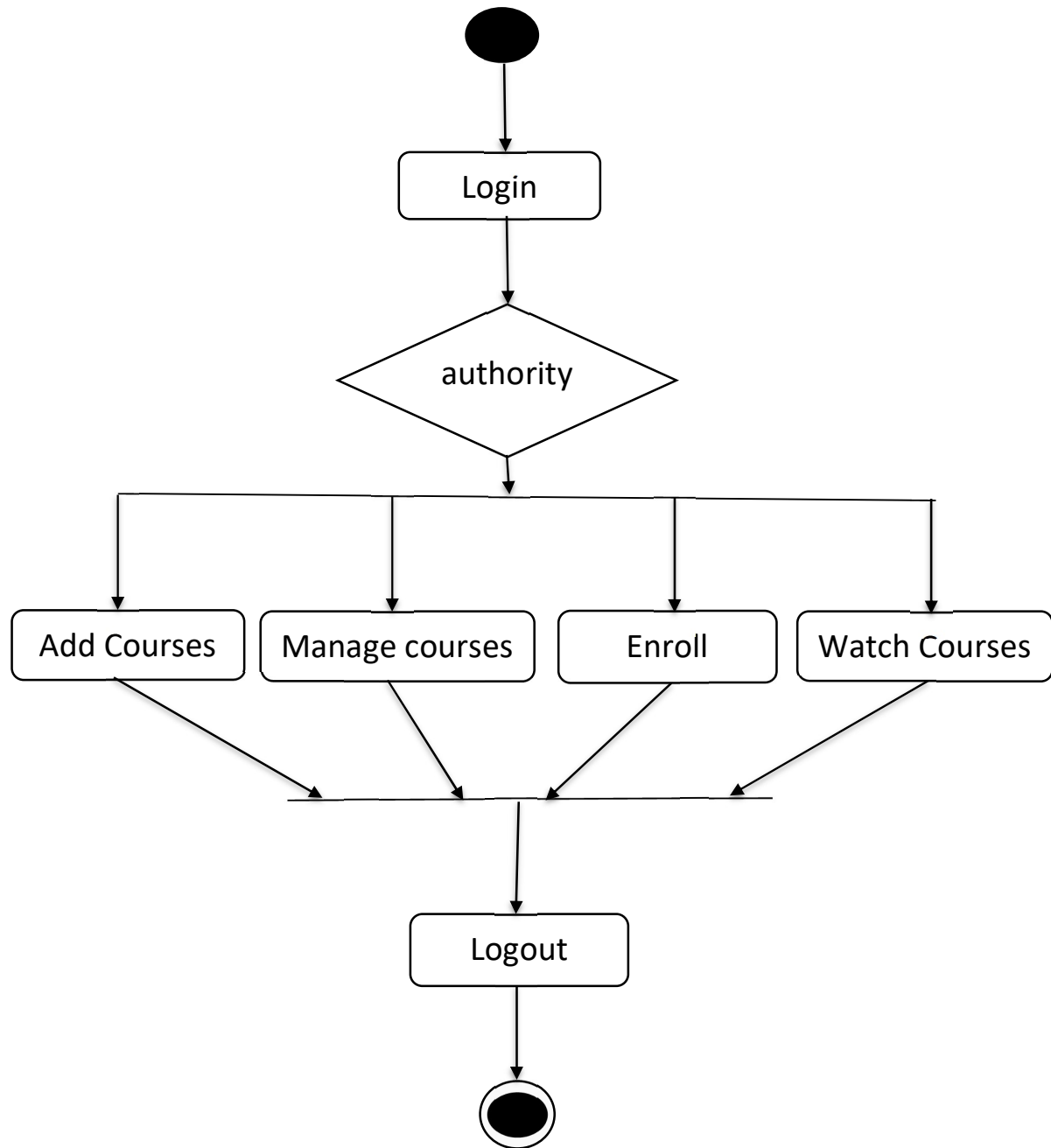
5.3 Sequence Diagram



5.4 Use Case Diagram

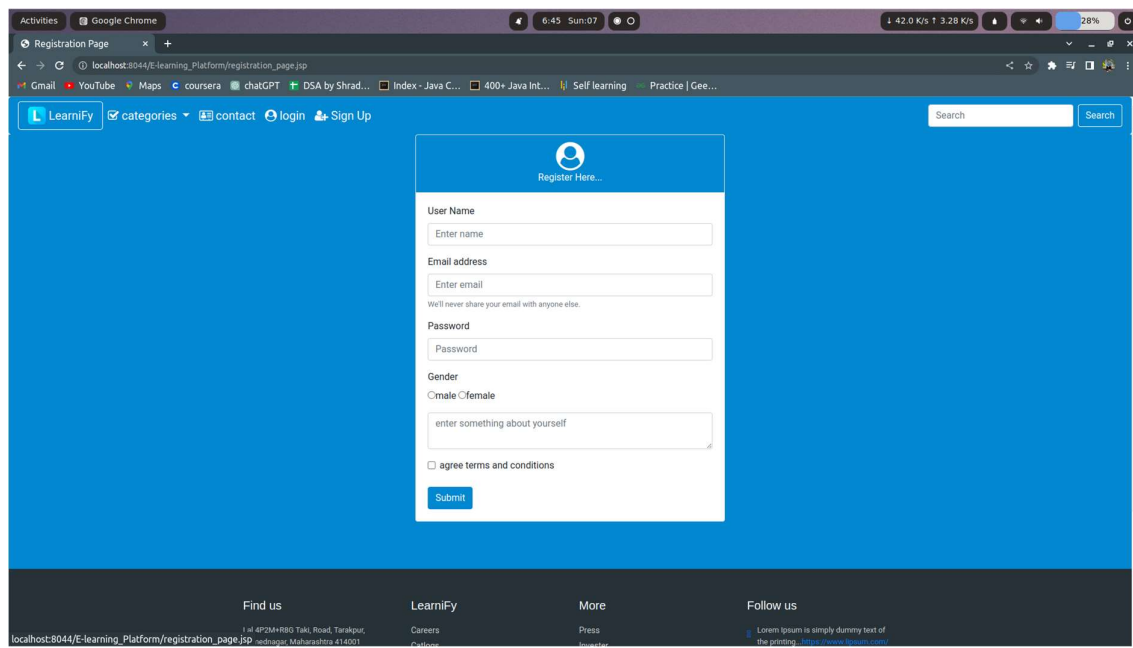
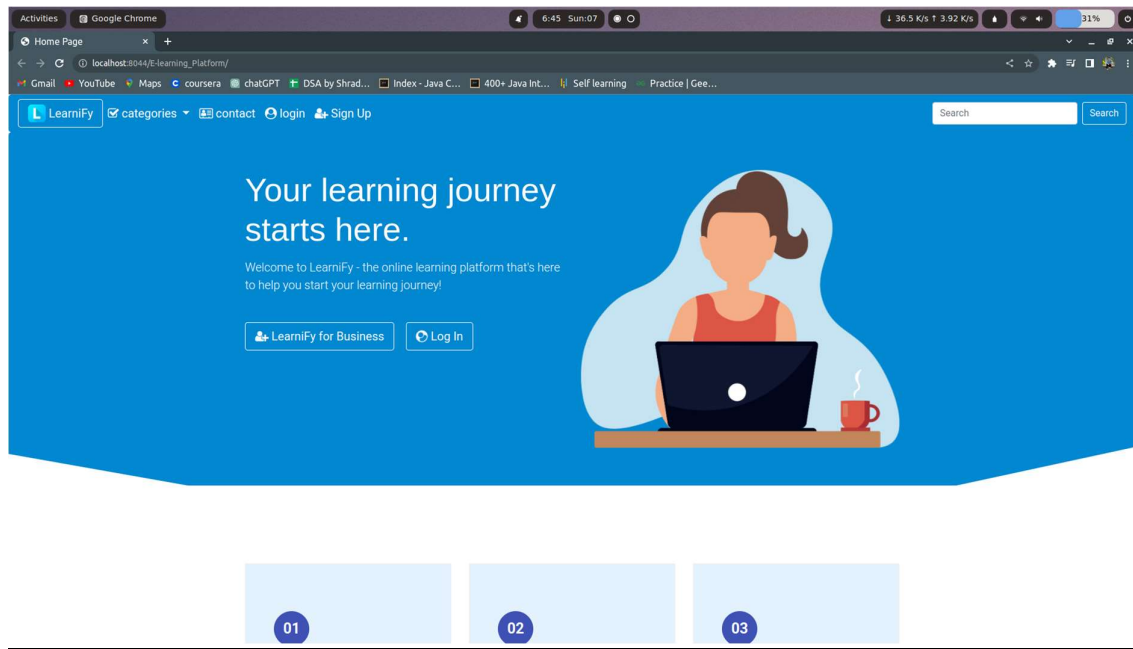


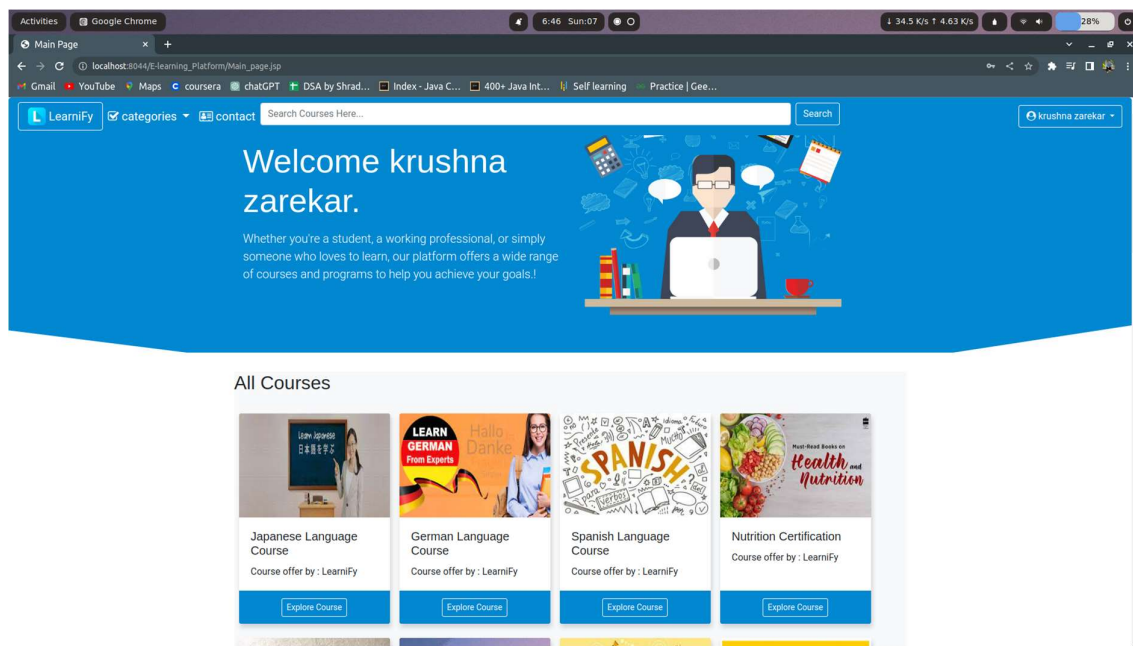
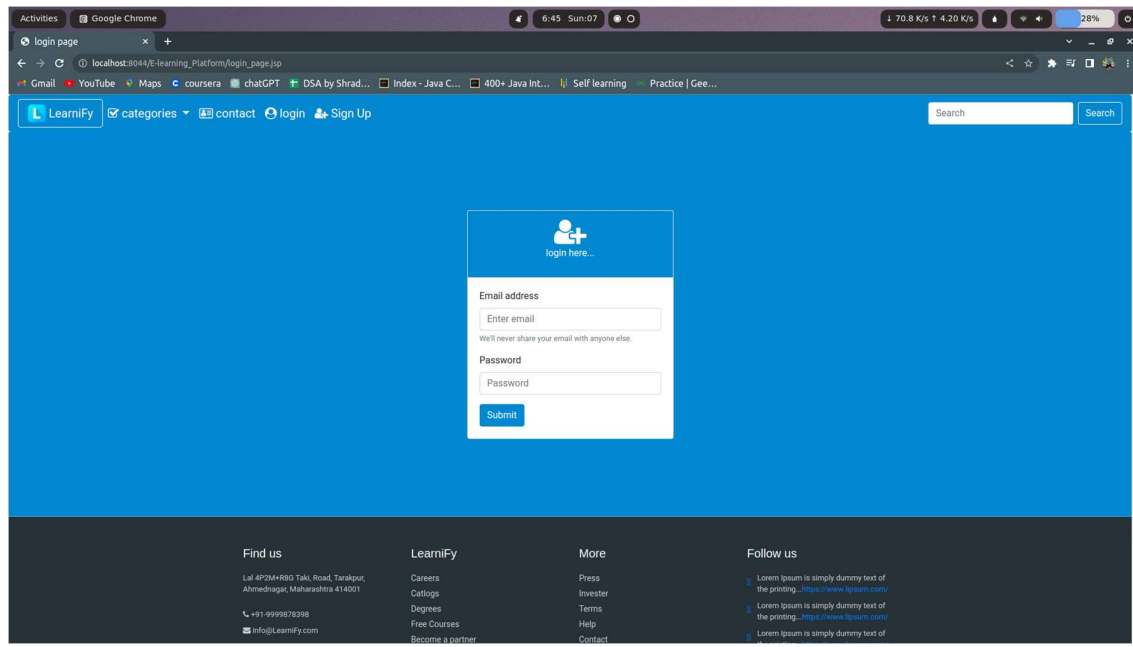
5.5 Activity diagram

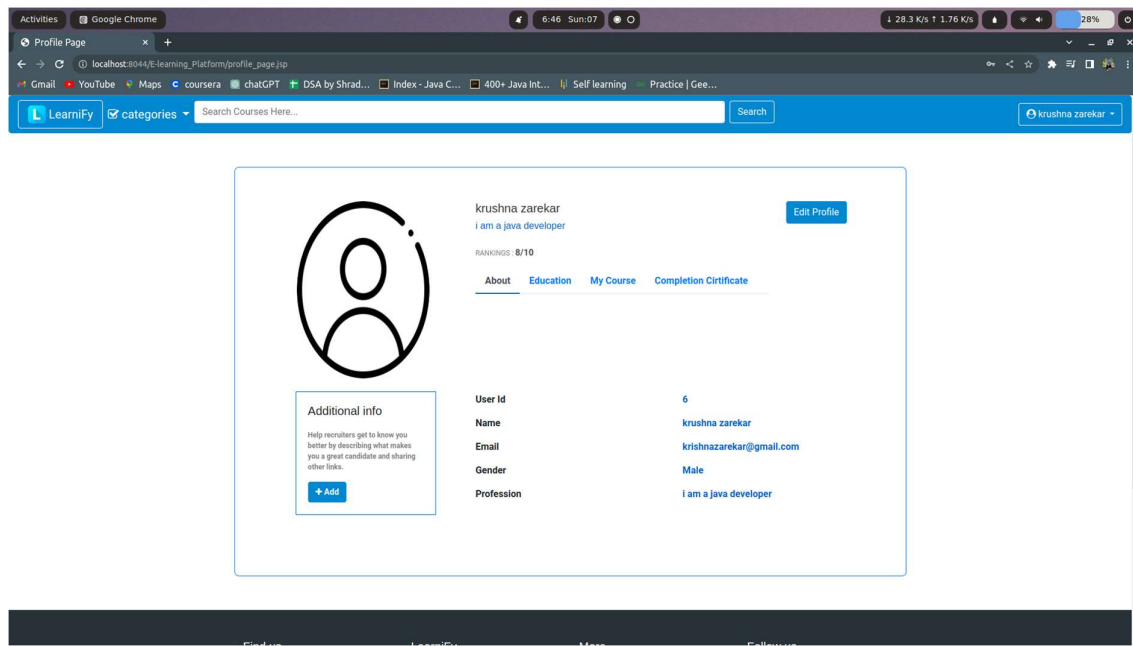
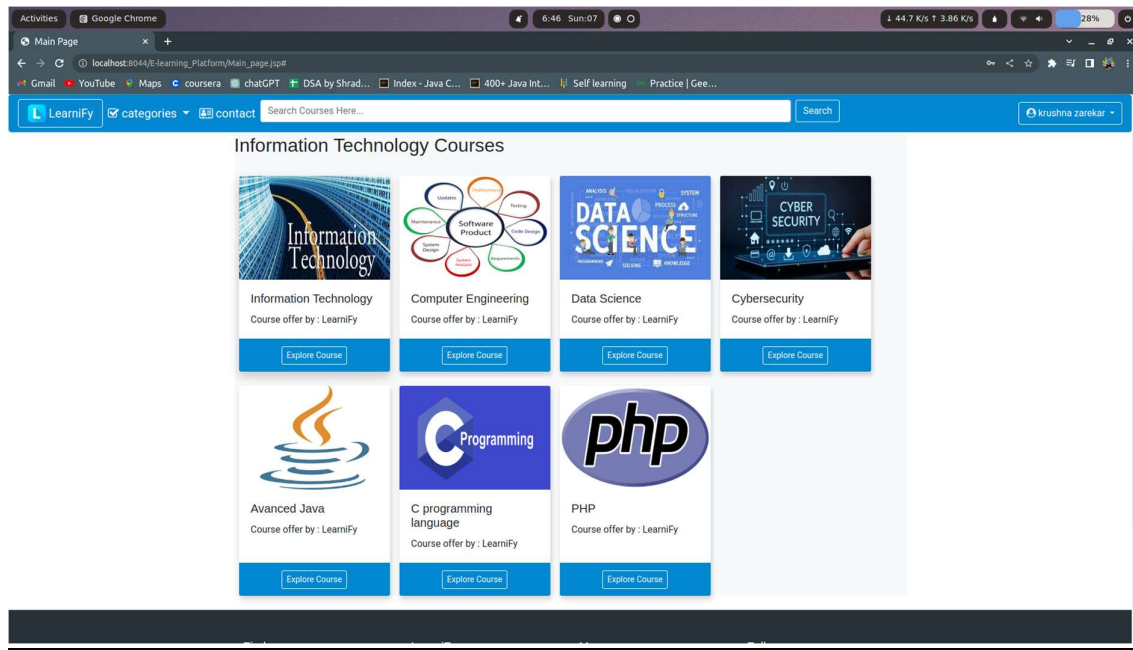


6. INPUT OUTPUT SCREEN

To Learners :







Activities Google Chrome 6:47 Sun-07 20.5 K/s 2.47 K/s 28%

Accounting Principles

Offered by

Rating: 4.5 out of 5.0

This course introduces students to the fundamentals of accounting, including financial statements, budgeting, and internal controls. Students will learn how to analyze financial data, interpret financial statements, and make sound financial decisions.

Enroll Now

Accounting Principles

Feature of Course

shareable certificates

100% online courses

LearniFY Lab

Flexible Schedule

About Course Details Instructor Details FAQ

About this Specialization

This course teaches the principles of financial accounting, including how to create and interpret financial statements. Specializations within accounting include tax accounting, auditing, and managerial accounting.

Activities Google Chrome 6:48 Sun-07 36.3 K/s 3.21 K/s 28%

Accounting Principles

Course Offer By: LearniFY

Week1

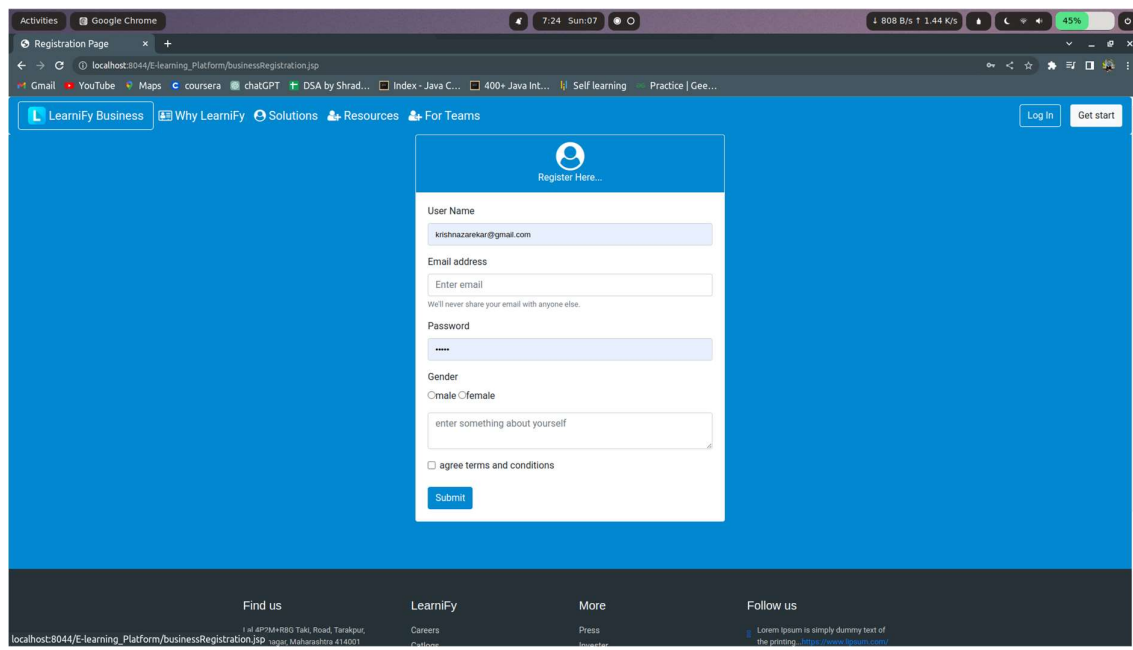
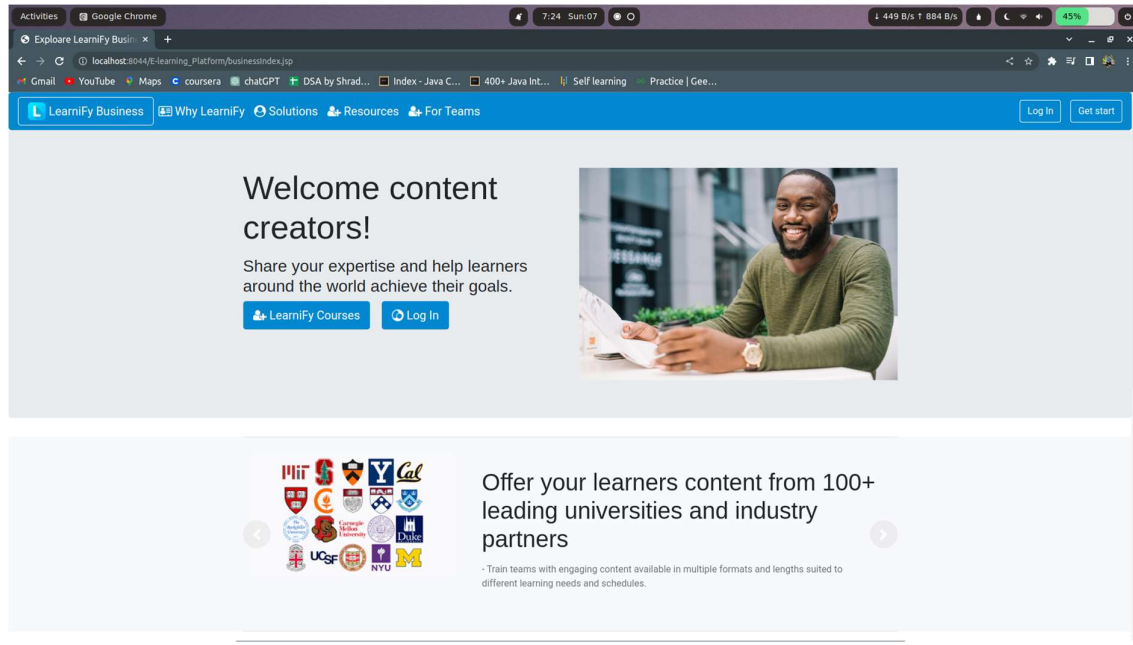
Week2

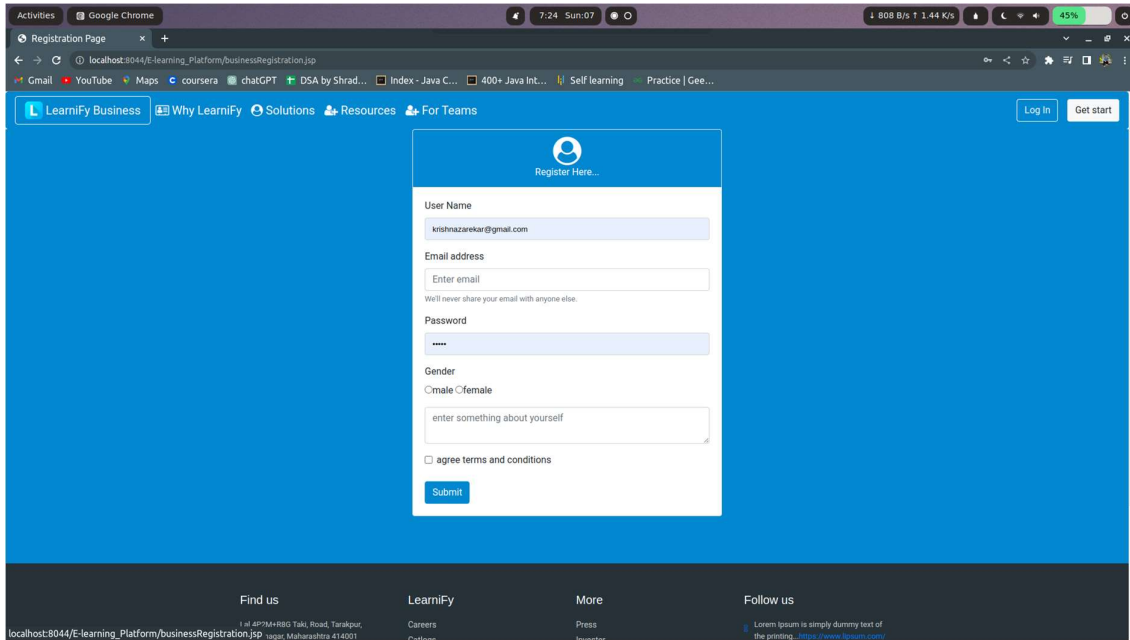
Week3

Week4

Week1

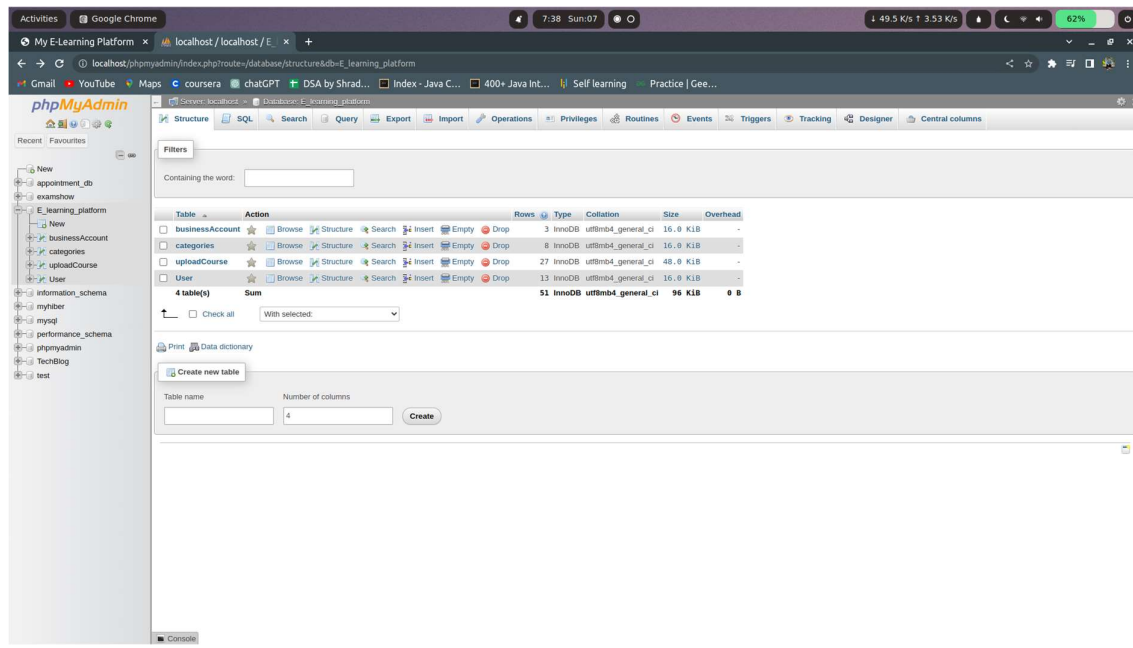
To Business :



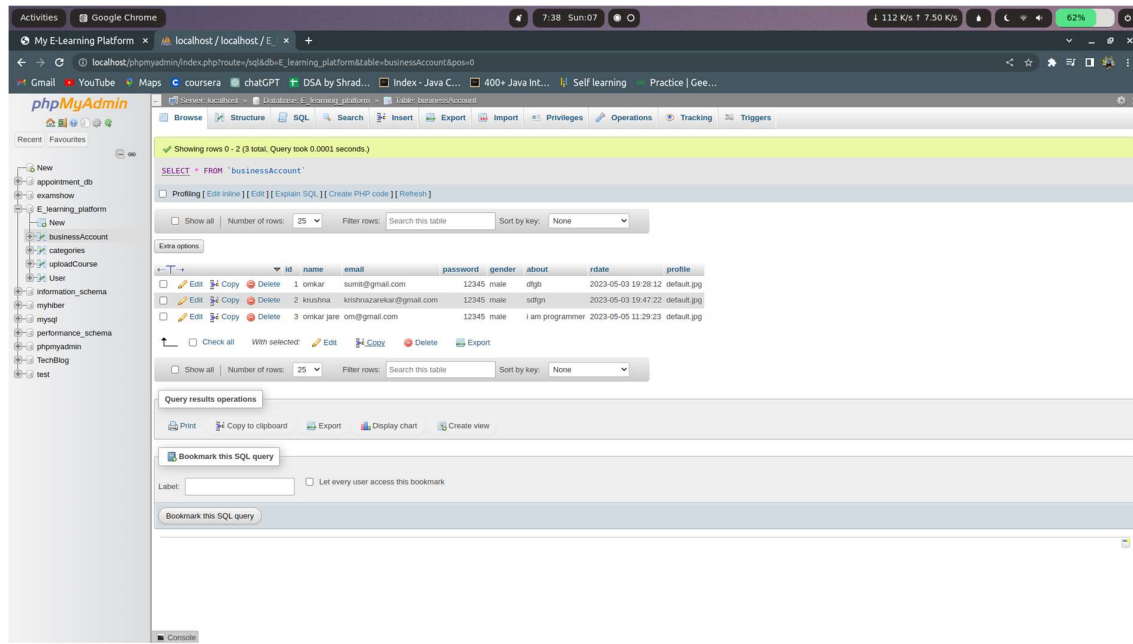


7. DATABASE

Tables :



Business Account table



Categories table :

The image shows a web browser window with the phpMyAdmin interface. The address bar shows the URL: localhost/phpmyadmin/index.php?route=/sql&pos=0&db=e_learning_platform&table=categories. The browser's top bar shows the time as 7:38 Sun:07 and the battery level at 63%. The phpMyAdmin interface has a sidebar on the left with a tree view of the database structure, including 'e_learning_platform' and its tables like 'businessAccount', 'categories', 'uploadCourse', 'information_schema', 'myhiber', 'mysql', 'performance_schema', 'phpmyadmin', 'TechBlog', and 'test'. The main content area displays the 'categories' table with 8 rows of data. The table has columns 'cid', 'cname', and 'description'. The rows are: 1. Business (you can add business info), 2. Information Technology (info), 3. Computer Science (computer science), 4. Creativity (creativity), 5. Personal Development (personal development), 6. Health and Fitness (health and fitness), 7. Language (language), and 8. Academic (academic). The interface includes a top navigation bar with links like 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. Below the table, there are options to 'Show all', 'Number of rows: 25', 'Filter rows', 'Search this table', and 'Sort by key: None'. There are also links for 'Query results operations' like 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. At the bottom, there is a 'Bookmark this SQL query' section with a label and a checkbox 'Let every user access this bookmark'.

UploadCourses table :

Activities Google Chrome

My E-Learning Platform localhost/localhost/E... 7:38 Sun:07 217 K/s 17.55 K/s 63%

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=e_learning_platform&table=uploadCourse

phpMyAdmin

Database: e_learning_platform Table: uploadCourse

		pid	pTitle	pDescription	pshortDescription	pPic	pdate	catid	pAbout	pinstructor	ptote	week1	week2	week3	week4	
<input type="checkbox"/>	Edit	Copy	Delete	40	Accounting Principles	This course introduces students to the fundamentals...	Learnify	accounting.png	2023-05-06 22:17:35	1	This course teaches the principles of financial ac...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	41	Digital Marketing	This course covers marketing strategies, consumer ...	Learnify	marketing.png	2023-05-06 22:20:58	1	This course covers marketing strategies, consumer ...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	42	Operations Management	This course focuses on the management of the produ...	Learnify	operation management.png	2023-05-06 22:22:49	1	This course focuses on the management of the produ...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	43	Entrepreneurship	This course teaches students how to start and run ...	Learnify	entraprnuor.png	2023-05-06 22:24:41	1	This course teaches students how to start and run ...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	44	Human Resources	This course focuses on managing employees and inc...	Learnify	HR.png	2023-05-06 22:28:14	1	This course focuses on managing employees and inc...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	45	Leadership	This course focuses on managing employees and inc...	Learnify	leadership.png	2023-05-06 22:29:43	1	This course focuses on managing employees and inc...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	46	Information Technology	This course focuses on the use of technology to ma...	Learnify	IT.png	2023-05-07 07:50:05	2	This course focuses on the use of technology to ma...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	47	Computer Engineering	This course focuses on the use of technology to ma...	Learnify	SE.png	2023-05-07 07:52:14	2	This course focuses on the use of technology to ma...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	48	Data Science	This course focuses on the use of technology to ma...	Learnify	data science.png	2023-05-07 07:53:43	2	This course focuses on the use of technology to ma...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...
<input type="checkbox"/>	Edit	Copy	Delete	49	Cybersecurity	This course focuses on the use of technology to ma...	Learnify	cyber security.png	2023-05-07 07:55:31	2	This course focuses on the use of technology to ma...	krushna zarekar	no	y2mate.com - HTML Course Worlds most premium HTML... From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...	y2mate.com - HTML Course From Beginners to Advance...

Console

User table :

Activities

Google Chrome

My E-Learning Platform

localhost / localhost / E ... +

localhost/phpmyadmin/index.php?route=/sql&js=0&db=e_learning_platform&table=User

Google

YouTube

Maps

coursera

chatGPT

DSA by Shrad...

Index - Java C...

400+ Java Int...

Self learning

Practice | Gee...

phpMyAdmin

Server: localhost - Database: e_learning_platform - Table: User

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Recent Favorites

New

appointment_db

examshow

E_learning_platform

New

businessAccount

categories

radioCourse

User

information_schema

myherb

myod

performance_schema

phpmyadmin

Technology

test

		id	name	email	password	gender	about	rate	profile	collegeName	universityName	totalProject	englishLevel	availability	myCourses	myCertification	courseName	
<input type="checkbox"/>				3	krushna	sham@gmail.com	12345	male	krushna			2023-04-27 19:09:44	no	no	no	no	no	
<input type="checkbox"/>				4	ram	ram@gmail.com	1234	male	this is ram			2023-04-28 05:59:21	no	no	no	no	no	
<input type="checkbox"/>				5	omkar	om@gmail.com	12345	Male	i am python developer	nacasca	pune	2	Beginner	6 month	no	no	no	
<input type="checkbox"/>				6	krushna Zarekar	krishnazarekar@gmail.com	12345	Male	i am a java developer	user(1).png	nacasca	pune	1	Beginner	6 month	no	no	Object oriented java programming
<input type="checkbox"/>				7	sumit	pekar@gmail.com	12345	male	i am hacker	default.png	no	no	no	no	no	no	no	
<input type="checkbox"/>				8	omkar	jare	12345	male	i am python developer	default.png	no	no	no	no	no	no	no	Object oriented java programming
<input type="checkbox"/>				9	krushna	krishnazarekar@gmail.com	2345	male	dfgh	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				10	krushna	sham@gmail.com	12345	male	sdghj	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				11	omkar	om@gmail.com	12345	male	sofgh	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				12	omkar	sham@gmail.com	12345	male	sdghj	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				13	omkar	om@gmail.com	12345	male	sdghj	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				14	omkar	sham@gmail.com	12345	male	werfghj	default.png	no	no	no	no	no	no	no	java developer
<input type="checkbox"/>				15	kundan kadam	kundan@gmail.com	12345	Male	i am java programme	slider_image1.jpg	no		Beginner	no	no	no	no	java developer

Controls

Check all

With selected

Print

Copy

Paste

Export

8. FUTURE ENHANCEMENT

1. **Personalization:** Tailoring the learning experience to each individual user's needs and interests can increase the effectiveness of the platform. This could involve recommending courses based on past behavior, allowing users to set their own goals, and providing personalized feedback.
2. **Interactive Content:** Incorporating interactive elements such as quizzes, simulations, and virtual reality experiences can make the learning process more engaging and immersive.
3. **Mobile Compatibility:** Ensuring that the platform is mobile-friendly will allow learners to access the content on the go and improve accessibility.
4. **Social Learning:** Incorporating social features such as discussion forums and group projects can foster a sense of community and collaboration among learners.
5. **Multiple Learning Formats:** Offering a variety of learning formats such as videos, podcasts, and ebooks can cater to different learning styles and preferences.

9. CONCLUSION

LearniFy is an innovative e-learning platform that provides learners with a flexible, accessible, and personalized approach to education. The platform's robust technical infrastructure, diverse course offerings, interactive learning materials, and user-friendly interface make it a powerful tool for acquiring new knowledge and skills. Additionally, its scalability, adaptability, and cost-effectiveness make it a viable and sustainable alternative to traditional education models.

LearniFy's operational and economic feasibility, as well as its hardware and software requirements, are crucial for ensuring the platform's reliability, scalability, and functionality. The platform's success depends on its ability to continuously evolve and adapt to the changing needs of learners and organizations, while maintaining its commitment to delivering high-quality education to all. Overall, LearniFy has the potential to transform the future of education, making learning more accessible, engaging, and effective for everyone.

10. LIMITATION OF THE SYSTEM

There are some limitation of the system :

1. LearniFy's effectiveness may be limited for certain types of hands-on or experiential learning that require physical presence.
2. Access to high-speed internet and reliable computer hardware may be a limitation for some learners in remote or underprivileged areas.
3. LearniFy may face challenges in establishing credibility and recognition in the educational industry as a relatively new e-learning platform.

11. BIBLIOGRAPHY AND REFERENCES

WWW.W3SCHOOL.COM

WWW.CHAT.OPENAI.COM

WWW.BOOTSTRAP.COM