

WEBWALLET

Lab Manual



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NOBLE INSTITUTE OF TECHNOLOGY

Junagadh

-:Chapter 1:-

Introduction & Conclusion

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Chapter:-1

Introduction & Conclusion.

Introduction:-

The project was aimed at designing and developing a banking website that caters to the needs of users for managing their banking transactions online. In Semester 5, the team successfully completed the user-end of the website.

This report presents an overview of the work completed in Semester 5 and the progress made in the current semester towards completing the Admin Panel.

Overview of Semester 5:-

In Semester 5, the team worked on designing and developing the user-end of the banking website. The team started by identifying the requirements of the website and creating a blueprint of the website's architecture. The team then worked on developing the website's front-end, which included designing the website's layout, interface, and user experience. The team also developed the website's back-end, which involved implementing functionality for user registration, login, account management, transaction history, and fund transfers.

Throughout Semester 5, the team faced several challenges, such as technical issues, design constraints, and time constraints. However, the team was able to overcome

these challenges through effective communication and collaboration. By the end of Semester 5, the team had successfully completed the user-end of the banking website and tested it for functionality and usability.

Progress on Admin Panel:-

In the current semester, the team is working on completing the Admin Panel of the banking website. The Admin Panel will provide the bank's administrators with access to various features and functionalities such as account management, transaction monitoring, customer support, and data analysis.

The team started by creating a blueprint of the Admin Panel's architecture and design. The team is now working on developing the Admin Panel's front-end and back-end, which includes implementing features such as user management, transaction tracking, customer support, and data analytics.

The team has faced several challenges in developing the Admin Panel, such as integrating the Admin Panel with the existing user-end, ensuring data security, and maintaining user privacy. However, the team has been able to overcome these challenges by using industry-standard technologies and practices, as well as effective communication and collaboration.

Analysis and Reflection:-

Overall, the project has been a challenging yet rewarding experience for the team. The team has gained valuable knowledge and skills in web development, project management, and teamwork. The completion of the user-end in Semester 5 has provided a strong foundation for the team to build upon in completing the Admin Panel in the current semester.

Looking back at Semester 5, the team faced several challenges, such as technical issues, design constraints, and time constraints. However, the team was able to overcome these challenges through effective communication and collaboration, as well as using industry-standard technologies and practices.

Moving forward, the team is committed to completing the Admin Panel and delivering a high-quality banking website that meets the needs and expectations of its users.

Conclusion:-

In conclusion, the project has been progressing well, and the team is confident in completing the Admin Panel as per the project timeline. The team has successfully completed the user-end in Semester 5 and is now working on completing the Admin Panel in the current semester. The project has been a valuable learning experience for the team and has provided valuable skills and knowledge in web development, project management, and teamwork.

-:Chapter 2:-

Database

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2	Databa	se Design		5		
3	Databa	se Structure		5		
4	Sr no.	Table Name	Pg No.	F		
Tables	1	Admin Table	5	I		
(Fig)	2	Comment Table	5	G		
	3	Deleted Accounts Table	5	U		
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	5	Loan Packages Table	6	E		
	6	Main (User) Table	7	S		
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	10	Transaction Table	8			
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Chapter:-2 Database.

Introduction:-

In this chapter, we will discuss the database and web design aspects of our banking website project. We have included images below to provide visual context for our readers.

Database Design:-

Our database design includes tables for storing user information, account details, and transaction history. We used MySQL as our database management system. The image below shows the Structure of our database:

Admin Table:-



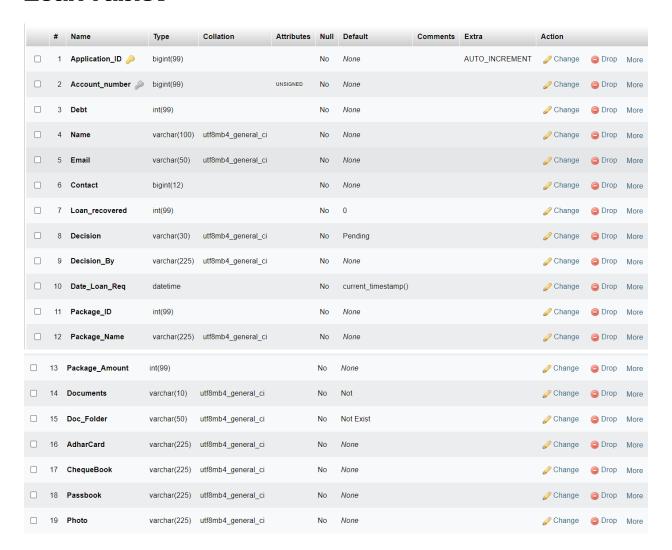
Comment Table:-



Deleted Accounts Table:-



Loan Table:-



Loan Packages Table:-



Main (User) Table:-

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	Account_number 🤌	bigint(99)		UNSIGNED	No	None		AUTO_INCREMENT	Change	Drop	More
2	Username 🔊	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More
3	Sirname	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
4	Firstname	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
5	Fathername	varchar(100)	utf8mb4_general_ci		No	None			<i>⊘</i> Change	Drop	More
6	Password	varchar(15)	utf8mb4_general_ci		No	None			Change	Drop	More
7	Amount	double			No	None			<i>⊘</i> Change	Drop	More
8	Img_Path	varchar(225)	utf8mb4_general_ci		No	default.png			<i>⊘</i> Change	Orop	More
9	Address	varchar(225)	utf8mb4_general_ci		No	None			<i>⊘</i> Change	Drop	More
10	City	varchar(225)	utf8mb4_general_ci		No	None			⊘ Change	Drop	More
11	Pin_Code	int(6)			No	None			⊘ Change	Drop	More
12	State	varchar(225)	utf8mb4_general_ci		No	None			Change	Drop	More
13	Country	varchar(225)	utf8mb4_general_ci		No	None			<i>⊘</i> Change	Drop	More
14	Date_Of_Birth	date			No	None			Change	Drop	More
15	Gender	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop	More
16	Loan_taken	varchar(10)	utf8mb4_general_ci		No	None			Change	Drop	More
17	Loan_requested	varchar(10)	utf8mb4_general_ci		No	None			⊘ Change	Drop	More
18	Email	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
19	Contact	bigint(12)			No	None			⊘ Change	Drop	More
20	Date_Created	datetime			No	current_timestamp()			Change	Drop	More
21	Created	tinyint(1)			No	0			Change	Drop	More
22	Blocked	tinyint(1)			No	0			Change	Drop	More
23	Recovery	tinyint(1)			No	0			<i>⊘</i> Change	Drop	More

Notifications Table:-

← T→	id Notification	_For Notification_Type	Notification	Time
☐ Ø Edit ♣ Copy ⊜ Delete	2320	1234 Notification	500 has Been Transfered to Your Account By Rayyan@	2023-05-02 16:04:21
☐	65516	1234 Notification	200 has Been Transfered to Your Account By Rayyan@	2023-05-04 16:36:56
☐ // Edit	76684	1234 Notification	1000 has Been Transfered to Your Account By Rayyan	2023-05-04 23:59:43
☐	92808	1234 Notification	200 has Been Transfered to Your Account By Rayyan@	2023-05-02 19:46:24

Recovery Table:-



Rewards Table:-



Transactions Table:-



Event:-

One of the advanced features we incorporated into our database design is the use of events. An event is a scheduled task that automatically performs a specific action in the database at a predefined time. We used events to automate certain tasks such as

if a User Creates an Account and Does'nt Deposit Minimum Amount into his Account his Account Will be Soft Deleted.

If Rewards is Expired Remove it From Database.

-:Chapter 3:-

User Web Designs

Srno.		Pg. no		
1	Web De	10		
2	User En	10		
	Sr no.	Web Design Image	Pg no.	
	1	Welcome Page	10	10
	2	Login Page	11	То
	3	Home Page	11	
	4	Signup1	12	
	5	Signup 2	12	
	6	Signup 3	13	
	7	Signup Success	13	
	8	Transfer1	14	
	9	Transfer Success	14	
	10	Loan1	15	
	11	Loan 2	15	
	12	Loan 3	16	
	13	Loan Success	16	
	14	Security Wall	17	
	15	Balance	17	
	16	Dashboard	18	
	17	Settings	18	
			<u> </u>	

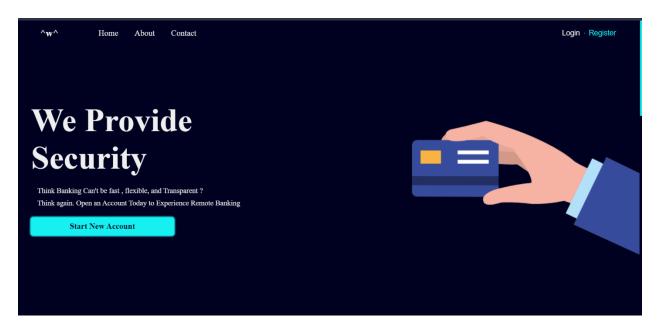
Chapter:-3 <u>User Web Designs.</u>

Web Design:-

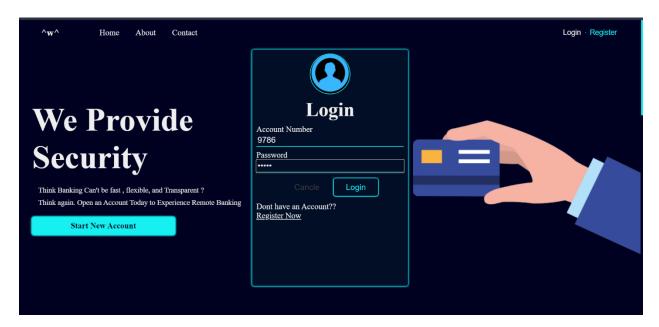
We designed our banking website with a clean and user-friendly interface. The website includes features such as user registration, login, account management, transaction history, fund transfers, Loan Application Form & Dashboard. The images below provide a glimpse of our web design:

User End Designs:-

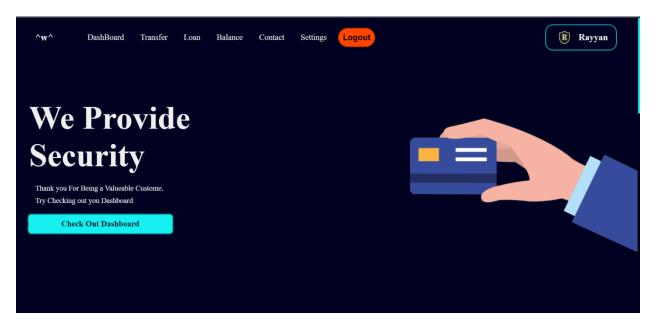
Welcome Page:-



LoginPage:-



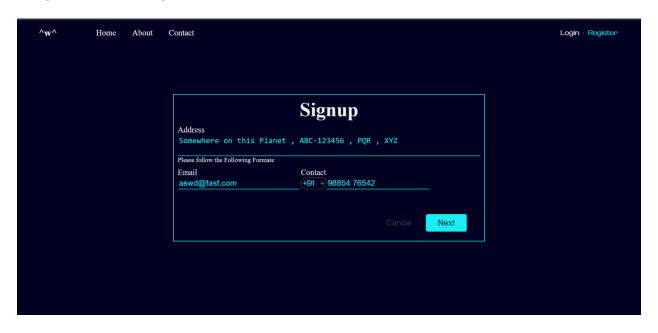
Home Page:-



Signup Page:-



Signup 2 Page:-



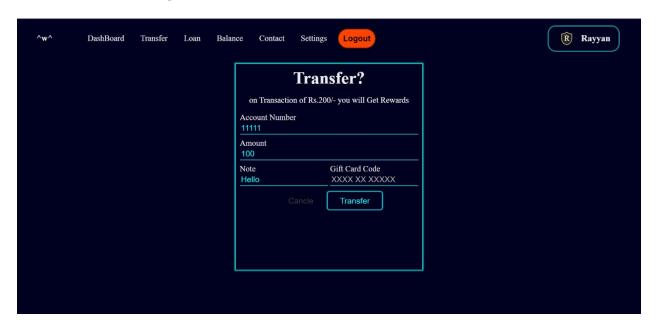
Signup 3 Page:-



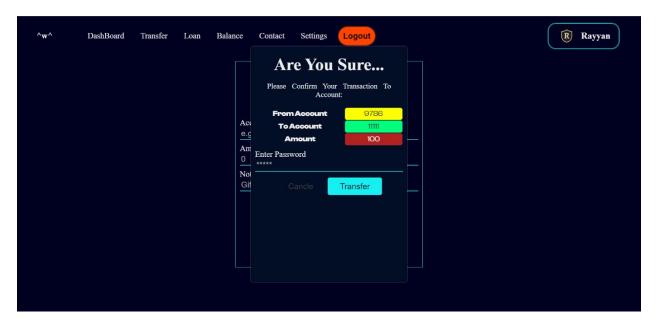
Signup Success Page:-



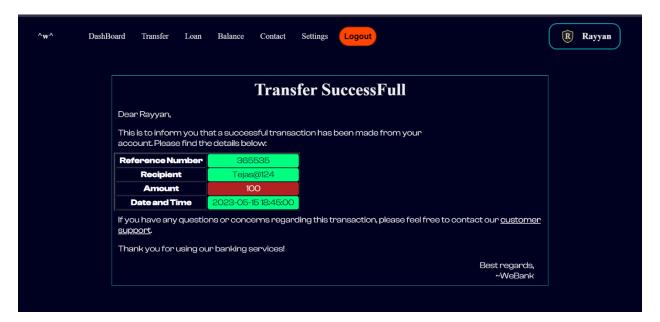
Transfer Page:-



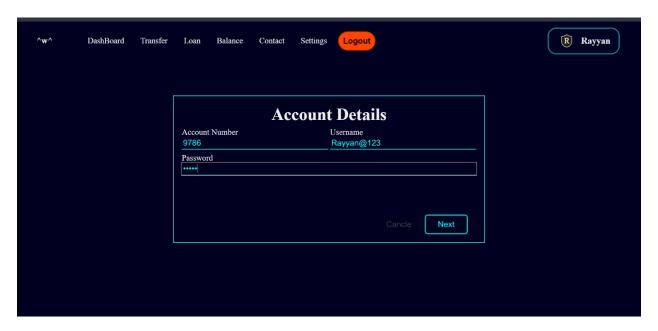
Transfer Ask Password Page:-



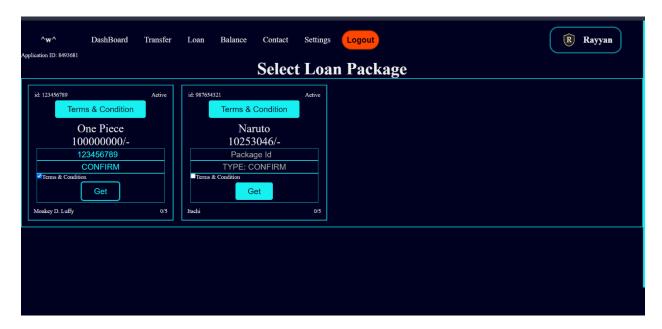
Transfer Success Page:-



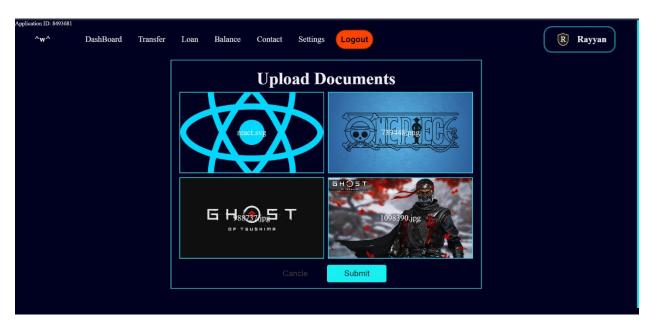
Loan 1 Page:-



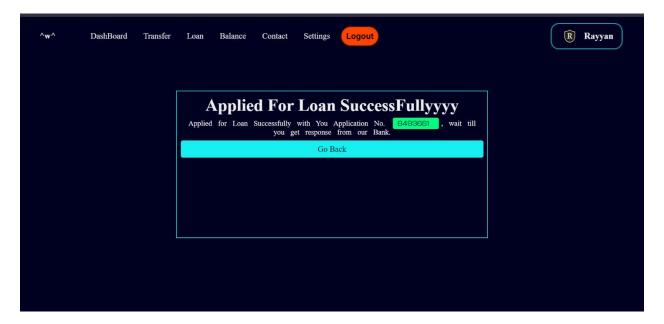
Loan 2 Page:-



Loan 3 Page:-



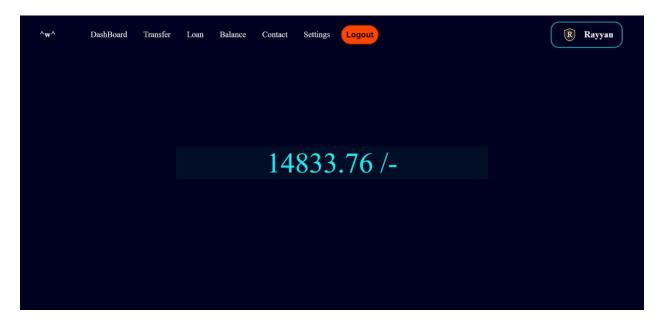
Loan Success Page:-



Security Wall Page:-



Balance Page:-



Settings Page:-



<u>-:Chapter 4:-</u>

Admin Web Designs

Sr no.			Pg. no	
1	Web De	esign		10
2	Admin P	anel Designs		10
3	Sr no.	Web Design Image	Pg no.	
	1	Welcome Page	20	
	2	Login Page	21	
	3	Home Page	21	
	4	Manage User	22	
	5	Users Full Details	22	
	6	Deposit Amount	23	
	7	Loan Applications	23	

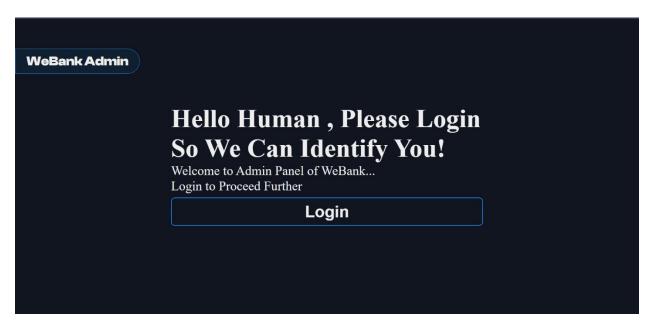
Chapter:-4 <u>Admin Web Designs.</u>

Web Design:-

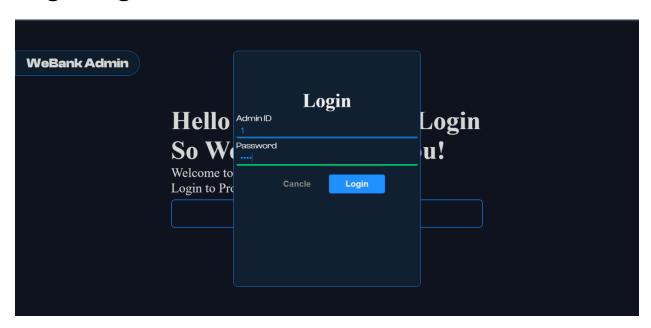
We designed our banking website also has an Admin Panel which also has a clean and user-friendly interface. The Admin Panel includes features such as User Management, Loan Approval or Rejection, Loan Package Managers, etc The images below provide a glimpse of our web design:

Admin Panel Designs:-

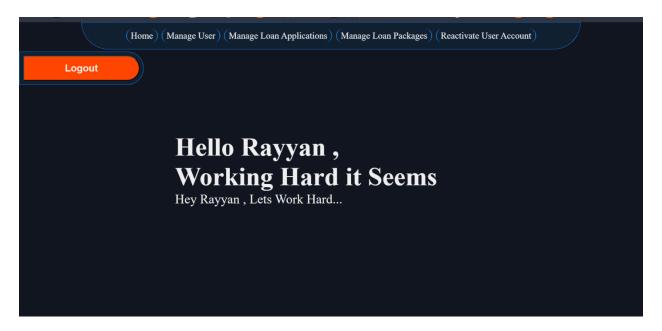
Welcome Page:-



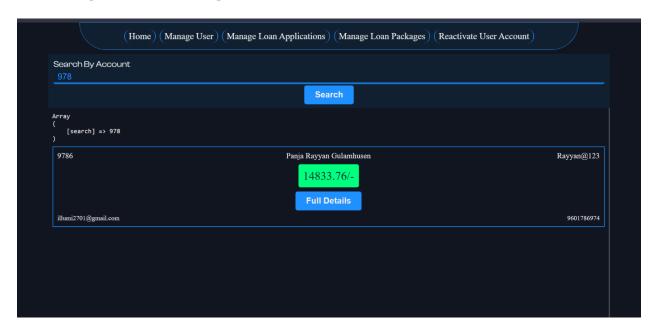
Login Page:-



Home Page:-



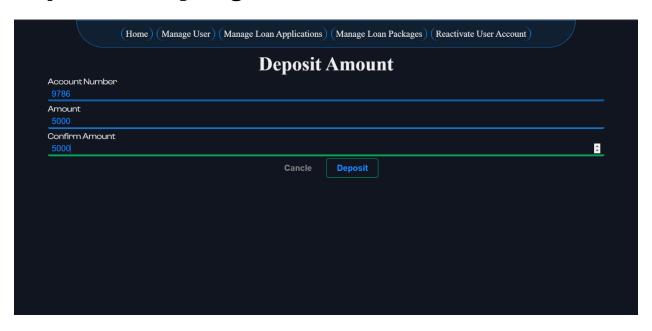
Manage User Page:-



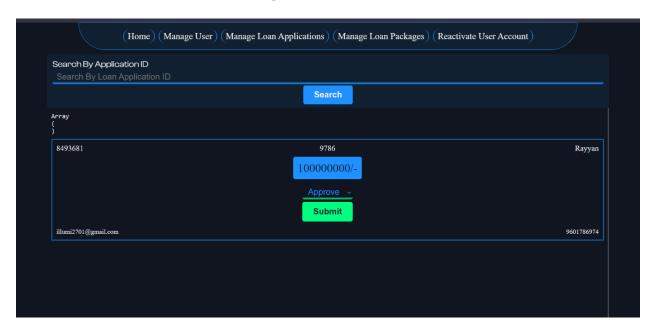
Full User Details Page:-



Deposit Money Page:-



Loan Applications Page:-



-:Chapter 4:-Conclusion

Srno.	Title	Pg. no
1	Conclusion	25

Chapter:-5

Conclusion.

Conclusion:-

In conclusion, the project "WeBank" aimed to provide users with convenient access to their bank accounts through a user-friendly website. Throughout the development process, we incorporated key features commonly found in traditional banks, ensuring that our users could perform various banking activities seamlessly.

One of the significant achievements of this project was knowledge valuable and gaining experience in web technologies, specifically database in OOP PHP and management. This allowed us to build a robust and secure platform that met the standards and requirements of modern banking systems.

By implementing OOP PHP, we were able to develop a modular and scalable codebase, making future enhancements and updates more manageable. This approach also facilitated code reuse and improved overall maintainability, ensuring that WeBank could adapt to evolving customer needs and technological advancements.

Additionally, the efficient management of the database was a crucial aspect of the project. We focused on designing an optimized database structure that supported seamless data retrieval, storage, and transaction management. This enabled

users to perform banking operations smoothly, with minimal delays or errors.

Throughout the project, we emphasized user experience and security. We prioritized intuitive navigation and a visually appealing interface, ensuring that users could easily navigate through various banking services. Simultaneously, robust security measures, such as encryption and authentication protocols, were implemented to safeguard sensitive user information and transactions.

Overall, the WeBank project provided us with a comprehensive understanding of web technologies, OOP PHP, and database management in the context of banking applications. By successfully developing a functional and user-friendly banking website, we have demonstrated our ability to apply theoretical knowledge to real-world scenarios.

Moving forward, we believe that the skills acquired during this project will be invaluable in pursuing a career in web development and software engineering. WeBank has not only provided users with a convenient banking platform but has also served as a testament to our dedication and proficiency in the field.

We are proud of the outcomes achieved through this project and look forward to future opportunities to apply our knowledge and skills to develop innovative solutions in the banking industry.

<u>-:Chapter 5:-</u>

Resources & References

http://www.w3school.com

^ Documentations

http://www.codepen.com

^ Practical Knowledge

https://www.youtube.com/c/CodeWithHarry

^Learning

https://www.youtube.com/kepowob

^Learning

https://dribbble.com/

^ Design Insprations

https://github.com

^ Project Backup