

Project Name

ISP Management Website

GROUP:05

Course Details:

Database Management System (CSE311L)

Section: 03

Date: 31.08.2022

Name:

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Introduction:

This project report presents an ISP Management Website. This website helps customers connect with service providers. Customer can give their internet bill, if customers want a new connection they can register for a new line. Here they can select which package they want. In this project, we also add an Employee Log-in System, where they can manage all billing-related work. Here, in the employee dashboard they can also add customers, can update the internet package as per customer requirements. They can also see the billing history of a customer. If they want, they can edit the customer details and view their customer complaints box. Here, the different employee has a different dashboard, but they don't have access to open the account of any other employees so they can only view their own profile. There will be an Admin log-in system. In this system the admin is the head ascendancy who regulates and manages the whole system, it has to control the accounts of every customer and employee like viewing their customers & employees adding lists, and complaints box of customers as well. In User Dashboard, users can view and edit their own profile, they can pay their bills through the payment option. In the payment option, there has payment gateway for the user.

Background research:

The whole world is shifting from manual to automated, in every sector technology is gaining access to and automating all the functions of every industry and company. This system is designed to consider the of employees, necessity consumers, and the admin withal. The world's use of

the internet is expanding daily, making it difficult for internet service providers to provide services effectively. It has been extremely challenging to keep the data without a database management system due to the rising number of internet users. A good website can provide solutions for both providers and customers. A website that allows clients to connect with service providers while simultaneously allowing the provider to organize all of the customers' data.

The main goal of this project is to make the customer's experience with the service considerably simpler than it was in the past. Additionally, it makes it simpler for service providers to offer internet access. Customers and providers will both enjoy a hassle-free service experience from this website.

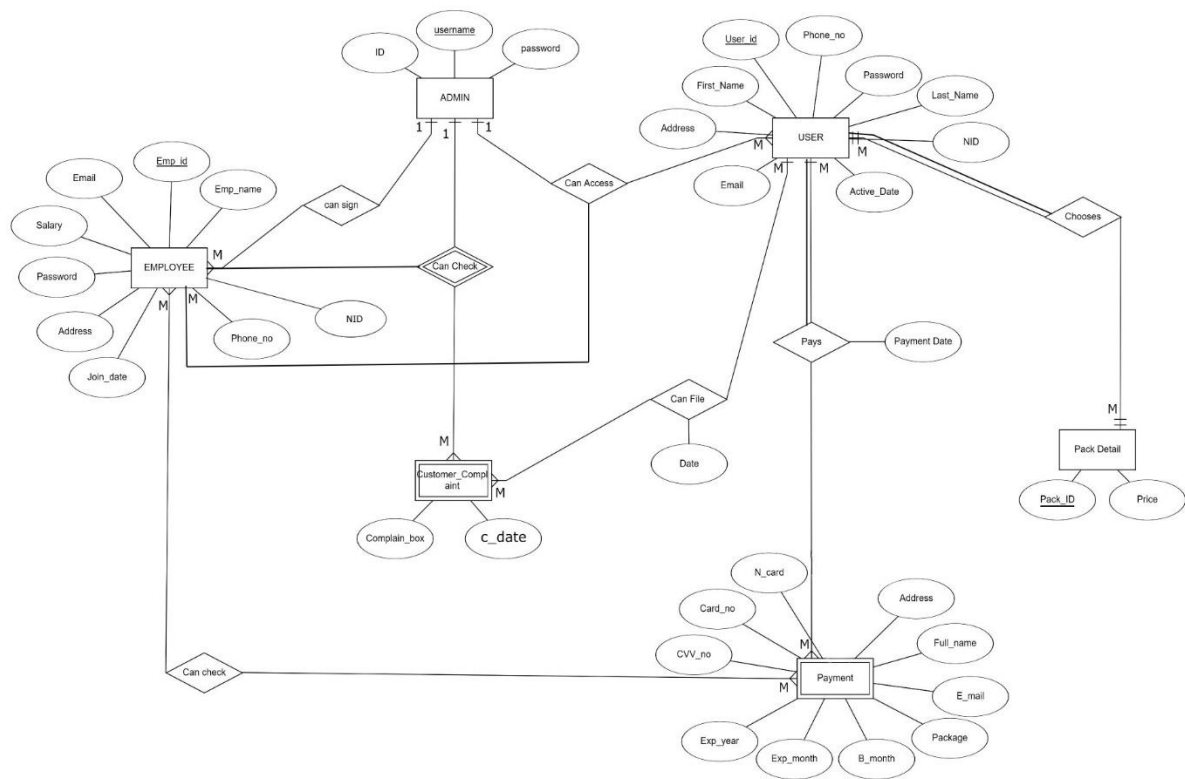
Resources/technologies:

To complete this project, we use different types of language. In our project, HTML, CSS, and JavaScript are used to generate the majority of the page's frontend. In order to design some of the website's pages, we also use Bootstrap. The backend of the website is built using raw PHP, and PHP is also used to connect the database. We utilize Xampp Myphpadmin for the local machine server, and SQL to generate the database. From Youtube and W3school we learn how to show the database information in Employee dashboard.

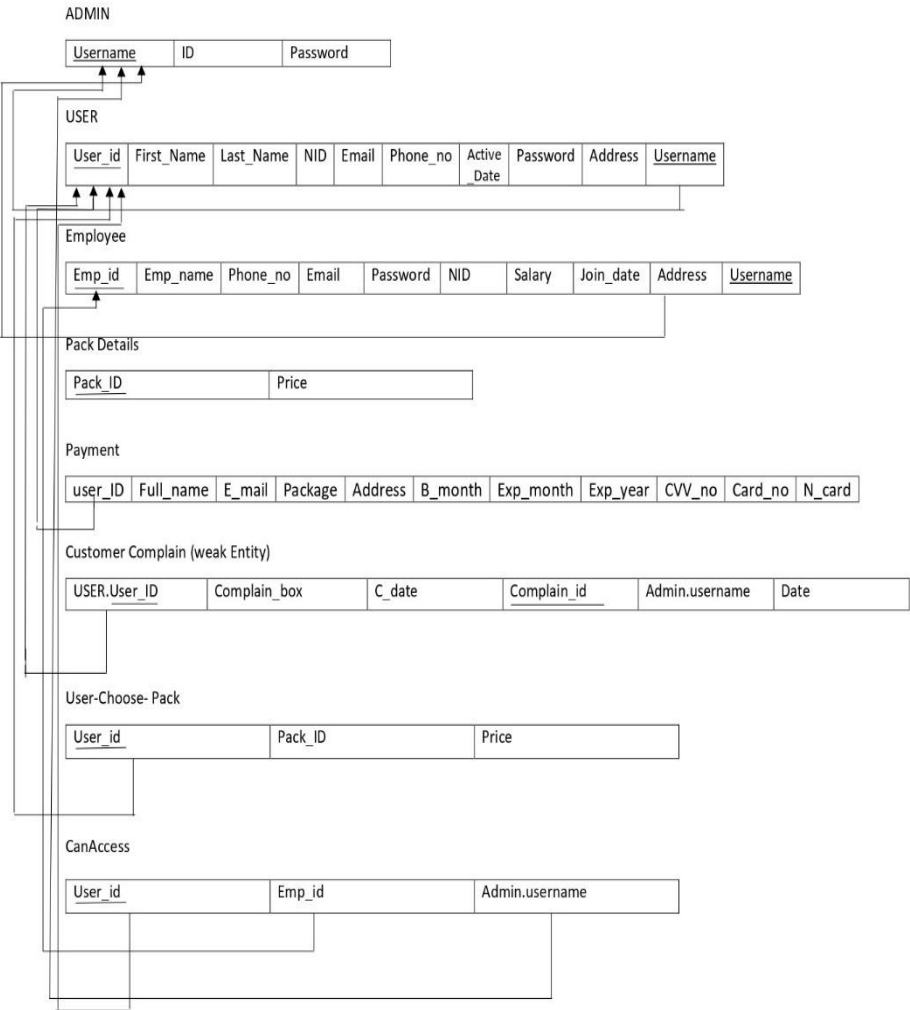
Project Design:

There are three types of users in the website. They are Admin, Employee, Customer. Admin can view Employee details and only Admin can create the Employee log in system. Admin can view the Customers info and view the customer's complaint also. Employee can create the customer profile, view the customer complaint, can update their data, Employee can view their own profile in dashboard. Employee can also view the billing history of a Customer. In the user dashboard user can file a complaint, can update their profile, user can also pay bill by using the payment gateway. After Log Admin, Employee and Customer all are redirect to the log in page.

ER Diagram



Relational Model



Project Workflow

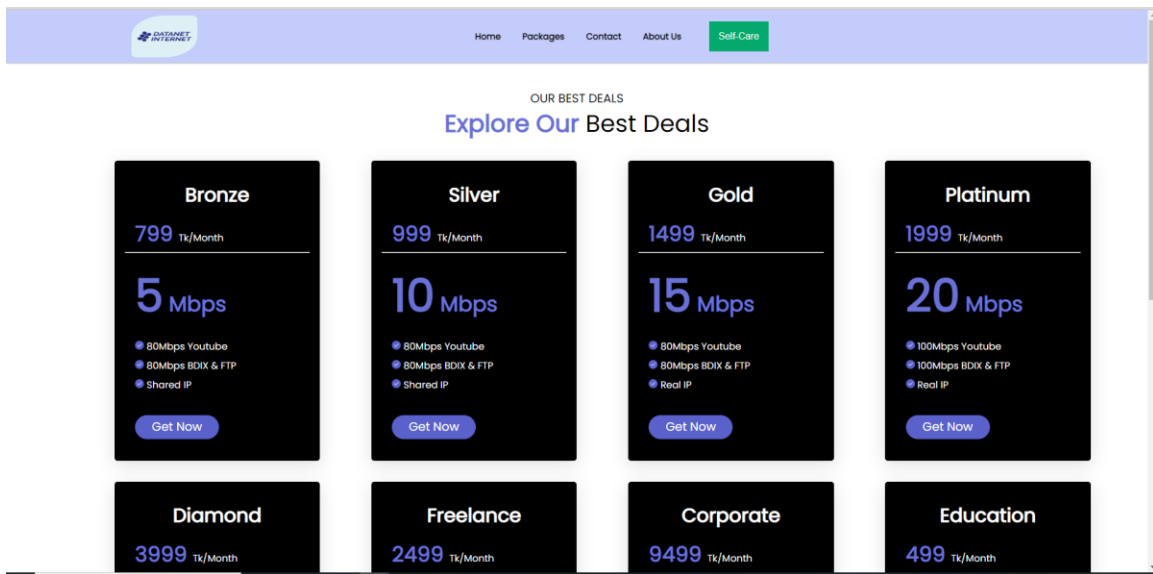
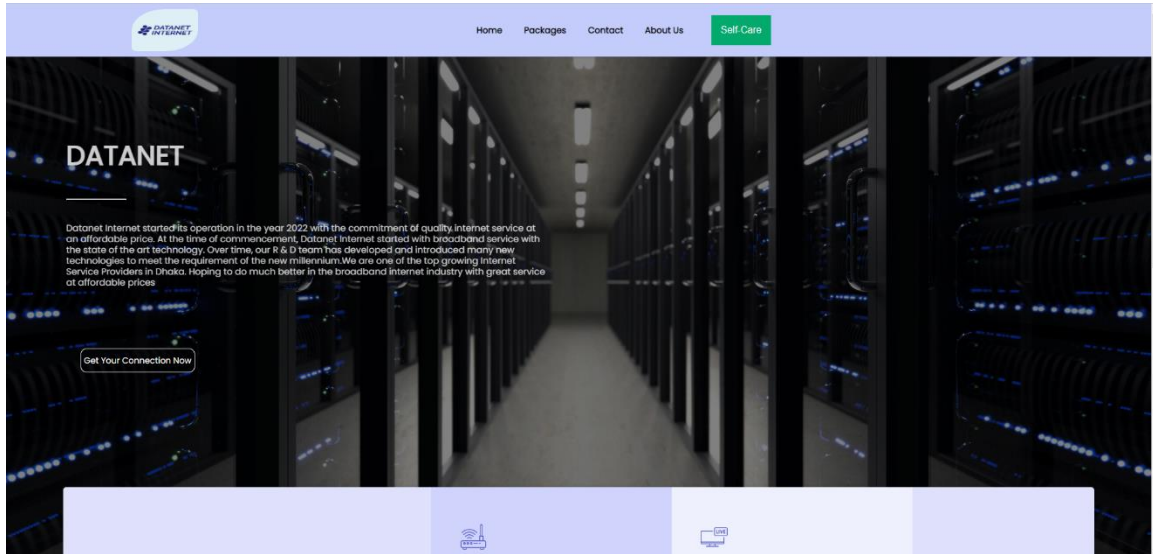
Week – 01:	On week-1, We will design the login and sign-up pages for Admin, Employees and Customers.
Week – 02:	On week-2, We will design our frontend part using CSS and JavaScript.
Week – 03:	On week-3, We will create a database so that we can implement our user data in database.
Week – 4-5:	On week-4&5, We will start our work on BackEnd part. As it is a complicated part here, we need extra time. Here based on Backend part we may need to change in front end part depend on work.
Week – 06:	On week-6, Actually we can call it a debugging week. In this week we will work on problem if we find any problem on website and study on that website how it works with team members.
Week – 07:	On week-7, We will make a presentation on our website; how the website work; how the website connects with Database so that we can present it to everyone.

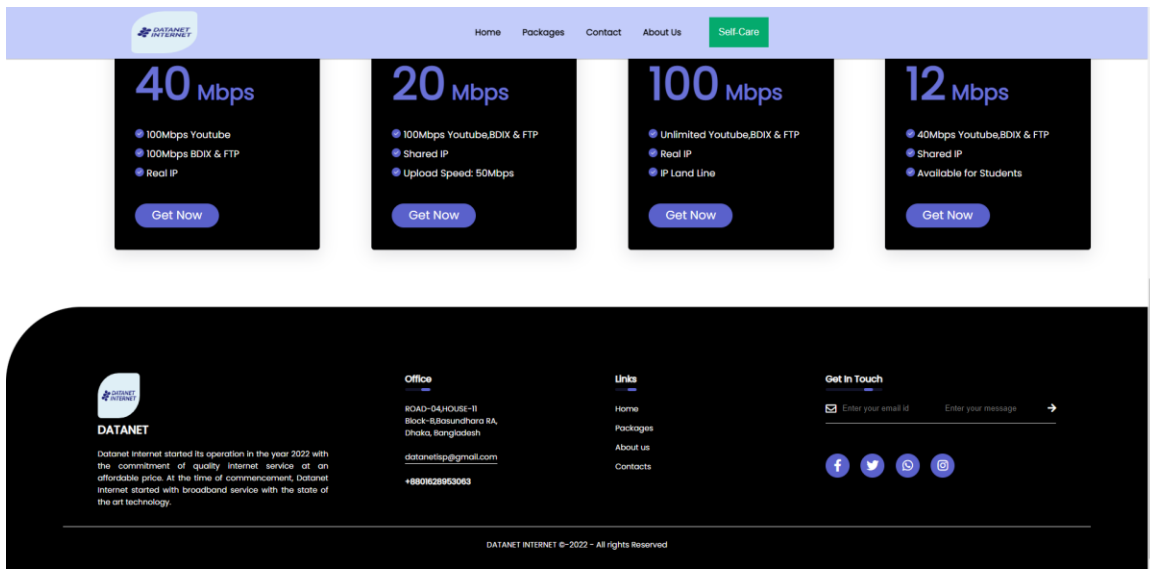
Sitemap:



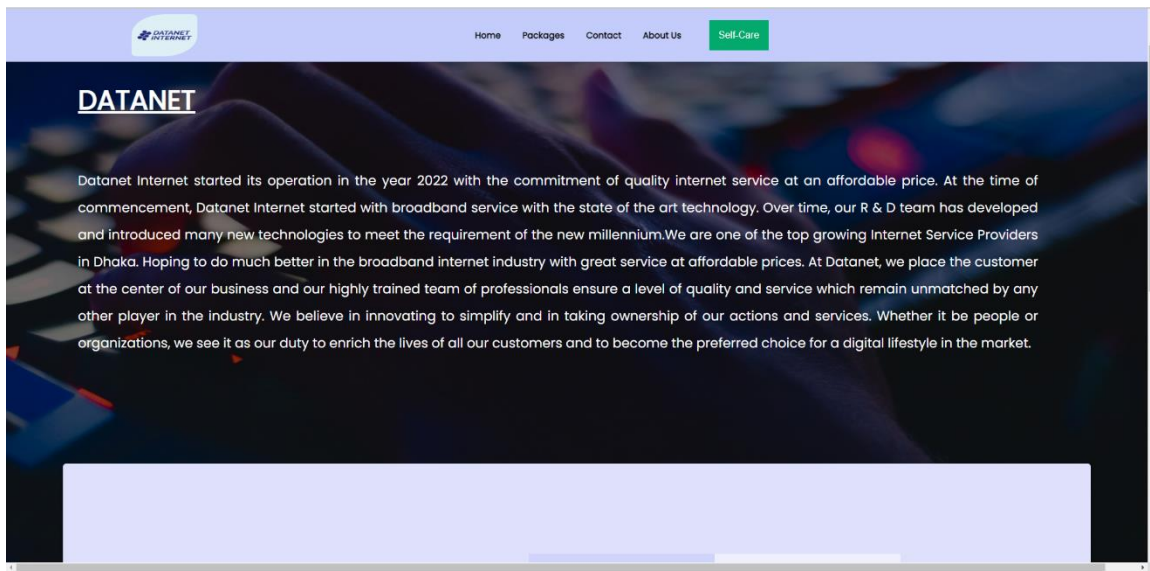
Snapshots:

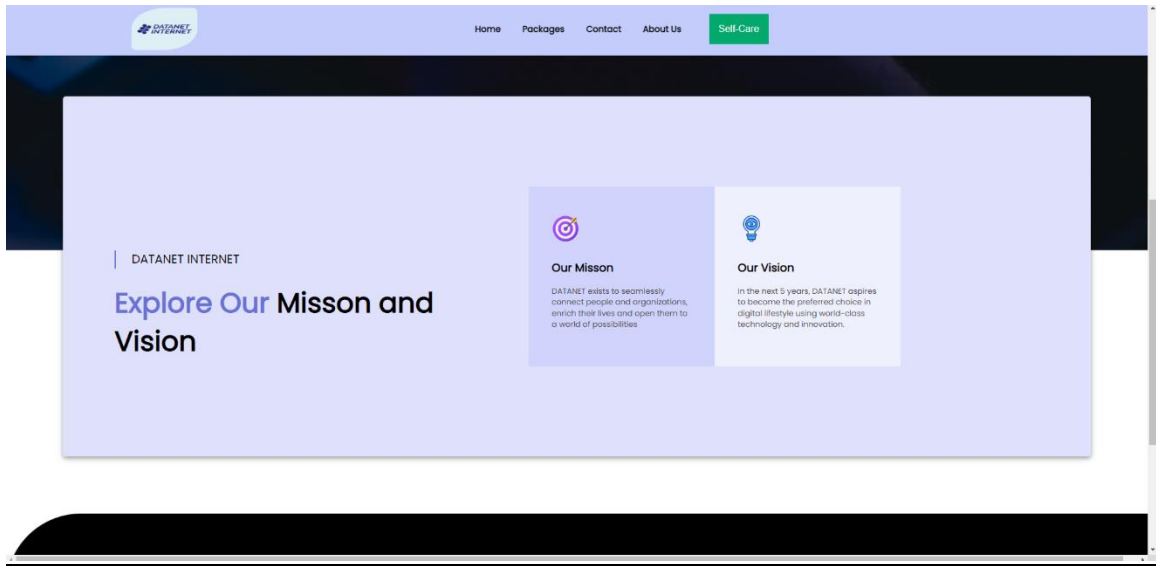
Homepage



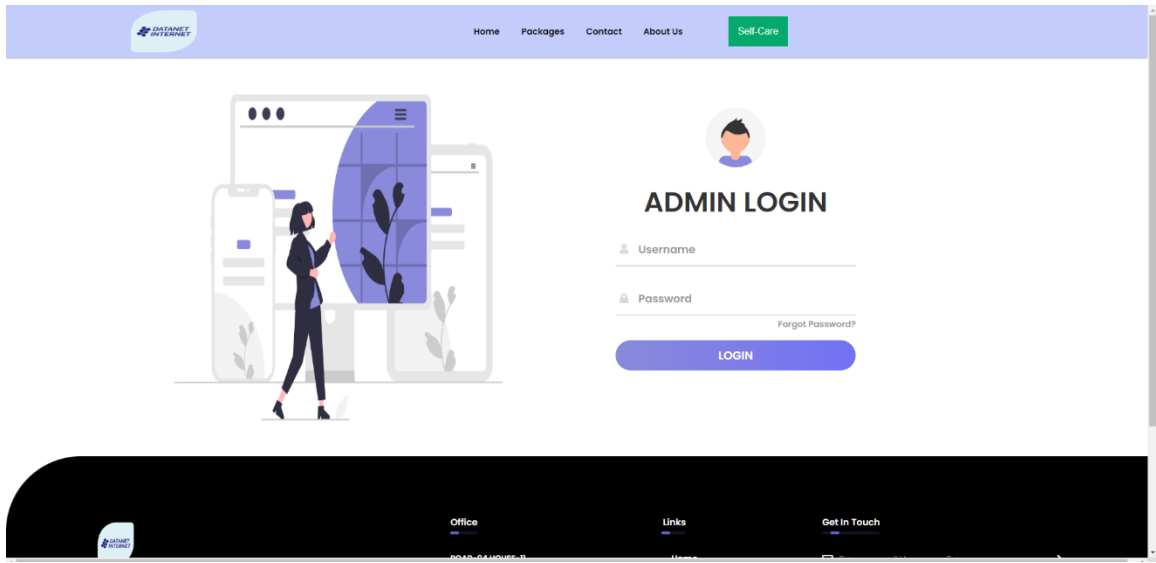


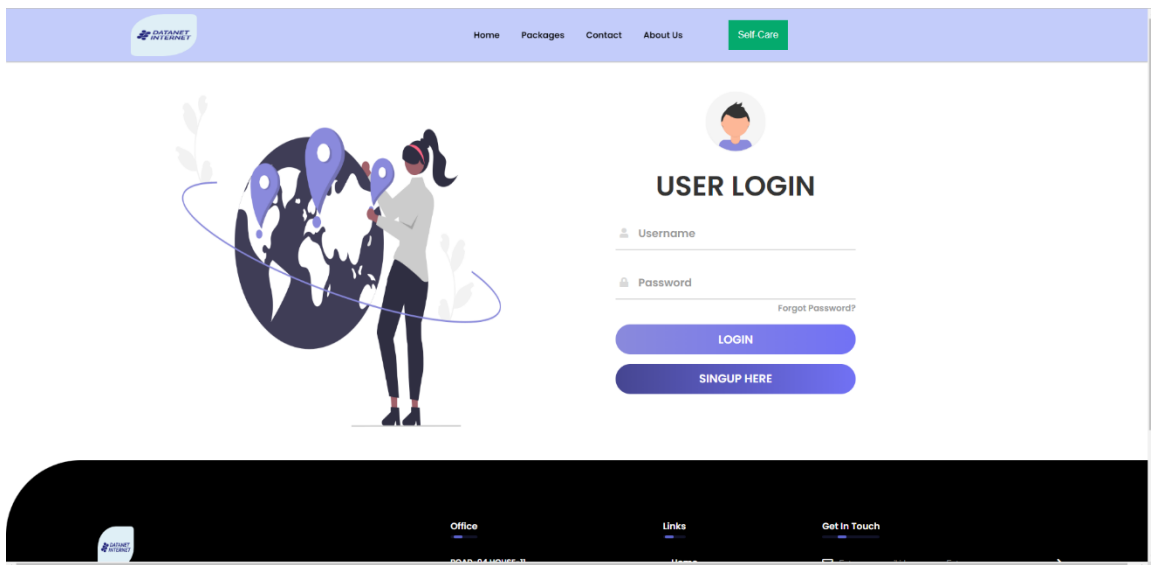
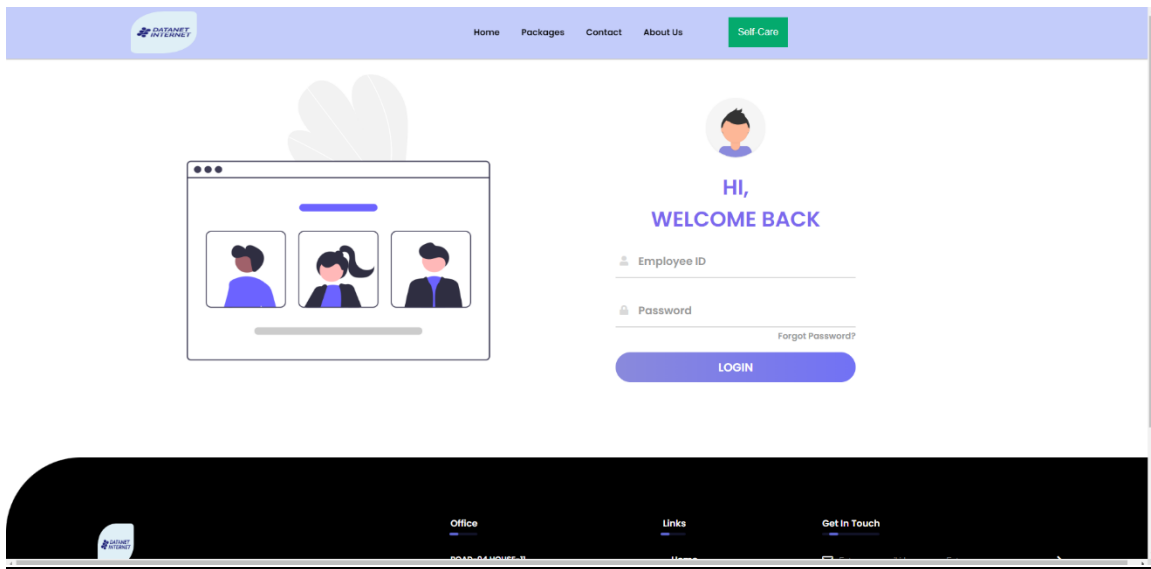
About Page



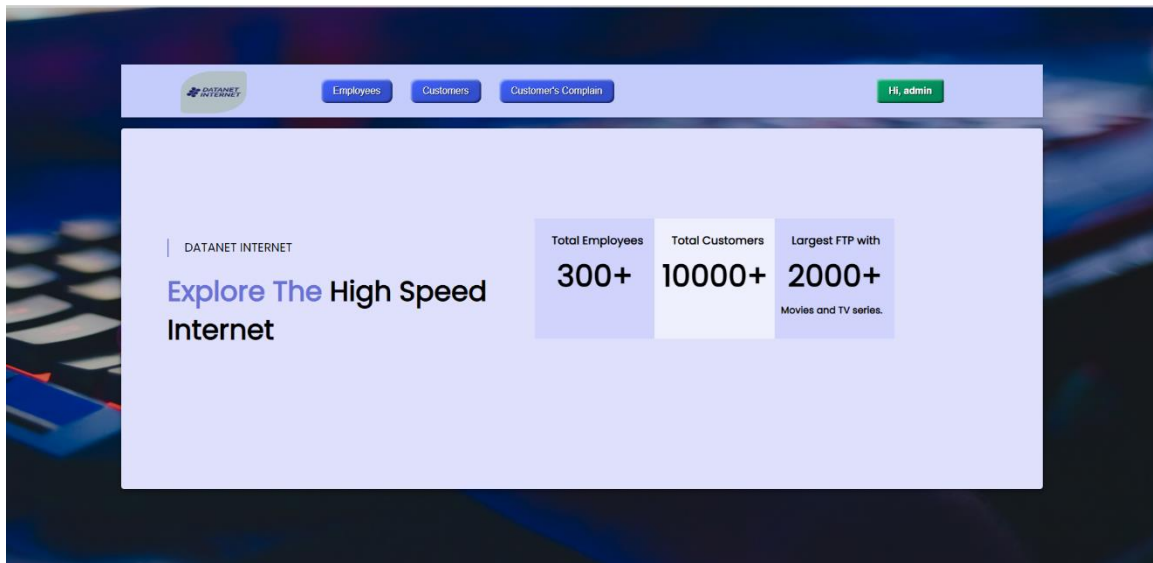


Sign In page





Admin Dashboard



[Add Employee](#) [Go Back!](#)

Employee ID	Name	Joining Date	NID No	Phone No	Email	Address	Password	Salary	Operations
David12	David Harko	2022-08-27	123456789987456123	1753083320	david@gmail.com	NewYork City	123	100000 BDT	Edit Terminate
rapa28	fahmida akter rapa	2000-01-01	74647546456464	1857895426	rapa@gmail.com	dhaka,uttara	1234	1000000 BDT	Edit Terminate

localhost/CSE-311%20Project/displayout.php

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[Add Customer](#) [Go Back!](#)

User ID	First Name	Last Name	Active Date	Phone No	Email	NID	Address	Password	Current Package	Operations
no123	dipto	Dutta Pappu	2001-02-13	1628953063	pappudutta121@gmail.com	6363537533735835737	dhaka-121612	12345	100 Mbps	Edit Delete
Rk123	Rakibul	Alam	2001-02-15	1753083329	rakib@gmail.com	8976456342545464	Block-D.Basundhora RA	12345	12 Mbps	Edit Delete

localhost/CSE-311%20Project/displaycomplain.php

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[Go Back!](#) [Logout](#)

User ID	User Complain	Complain Date & Time	Action
hp123	connection lost from Saturday morning.	2022-08-29 00:00:00	Solved
rk324	connection lost from Saturday morning.	2022-08-29 11:30:28	Solved
no123	Internet Slow issue.	2022-08-30 02:45:35	Solved

localhost/CSE-311620Project/emp_mn.php

Add New Employee

Employee ID
Enter Employee ID

Name
Enter Name

Joining Date
mm/dd/yyyy

NID
Enter Joining Date

Phone No
Enter Phone Number

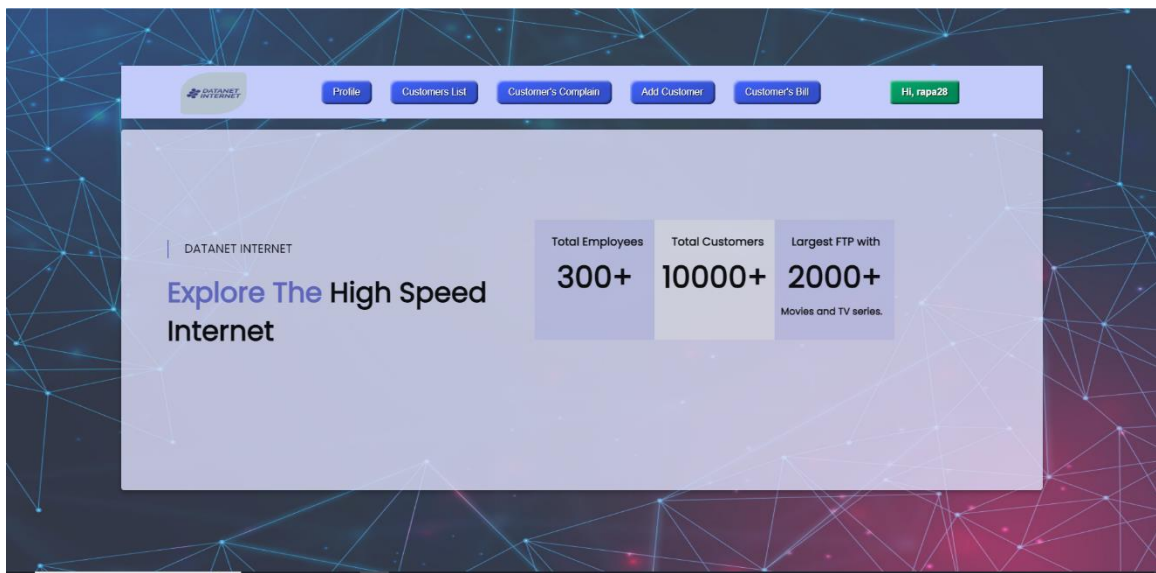
Email
Enter Email Address

Address
Enter Address

Password
Enter Password

Salary
Enter Salary

Employee Dashboard





Hi,
rapa28

Welcome To
Your Profile.

PROFILE INFORMATION

User Name	Full Name
rapa28	fahmida akter rapa
Joining Date	NID No
2000-01-01	74647546456464
Phone No	Email
1857895426	rapa@gmail.com
Address	Salary
dhaka,uttara	1000000 BDT

Add New Customer

User ID

Enter Your User ID

First Name

Enter Your First Name

Last Name

Enter Your Last Name

Activation Date

mm/dd/yyyy



Phone No

Enter Your Phone Number

Email

Enter Your Email Address

NID

Enter Your NID Number

Address

Enter Your Address

Password


Enter Your Password

Choose Package:

[Go Back!](#)
[Logout](#)

Name	Email	User ID	Package	Billing Month	Card NO
Dipto	david@gmail.com	Pappu121	15 Mbps - 1499 TK	January	2147483647
Sayam Ahmed	siam@gmail.com	Siam512	10 Mbps - 999 TK	May	2147403647
Jhon	pappudutta121@gmail.com	ddp	15 Mbps - 1499 TK	June	6454675756747565
Jhon	pappudutta121@gmail.com	ddp123	20 Mbps - 1999 TK	August	5465447867657567
dipto datta	rakib@gmail.com	zxadr	15 Mbps - 1499 TK	May	525252454855488

Customer Dashboard

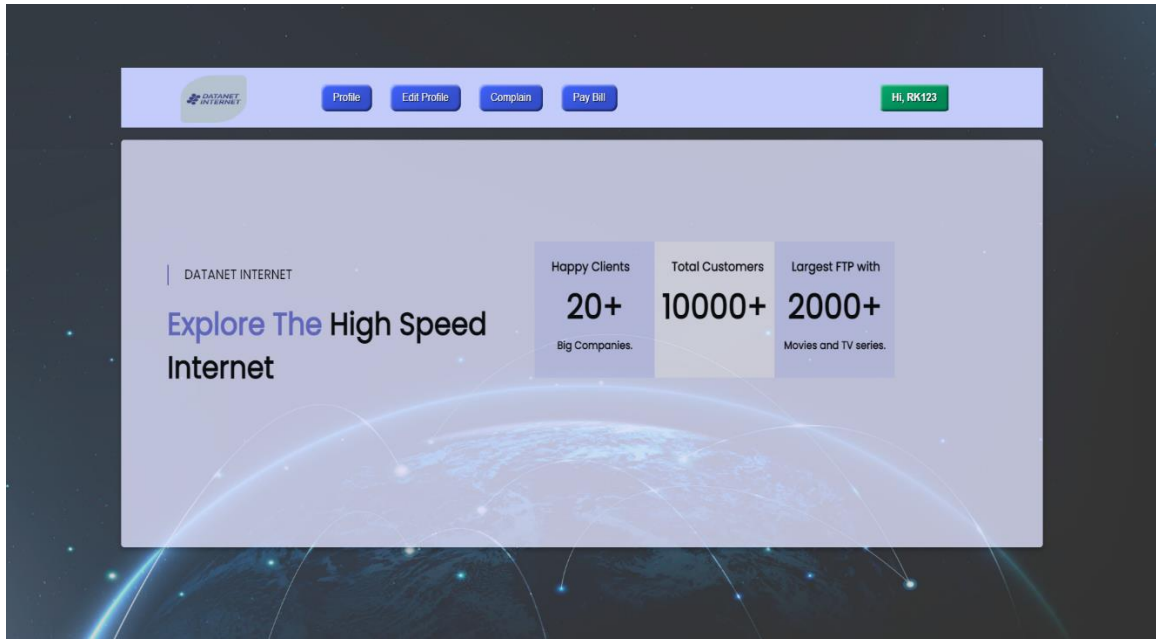


Hi,
RK123

Welcome To
Your Profile.

PROFILE INFORMATION

User Name	First Name
RK123	Rakibul
Last Name	Activation Date
Alam	2001-02-15
Phone No	Email
1753083329	rakib@gmail.com
NID No	Address
8976456342545464	Block-D,Basundhora RA
Package	
12 MbpsE	



UPDATE CUSTOMER INFORMATION

User ID

RK123

First Name

Rakibul

Last Name

Alam

Active Date

02/15/2001

Phone No

1753083329

Email

rakib@gmail.com

NID

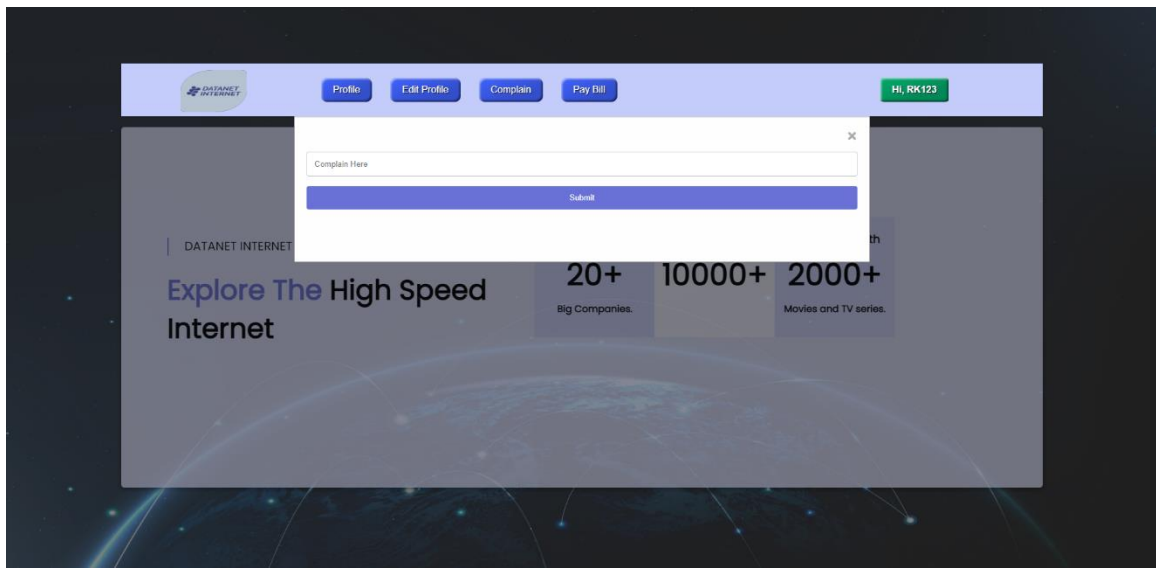
8976456342545464


Address

Block-D,Basundhora RA

Password

Choose Package:





[Profile](#)[Edit Profile](#)[Go Back!](#)

Hi, RK123

BILLING INFORMATION

full name :

email :





address :

User ID :

Your Package :

Select Month :

PAYMENT

cards accepted :


name on card :

credit card number :

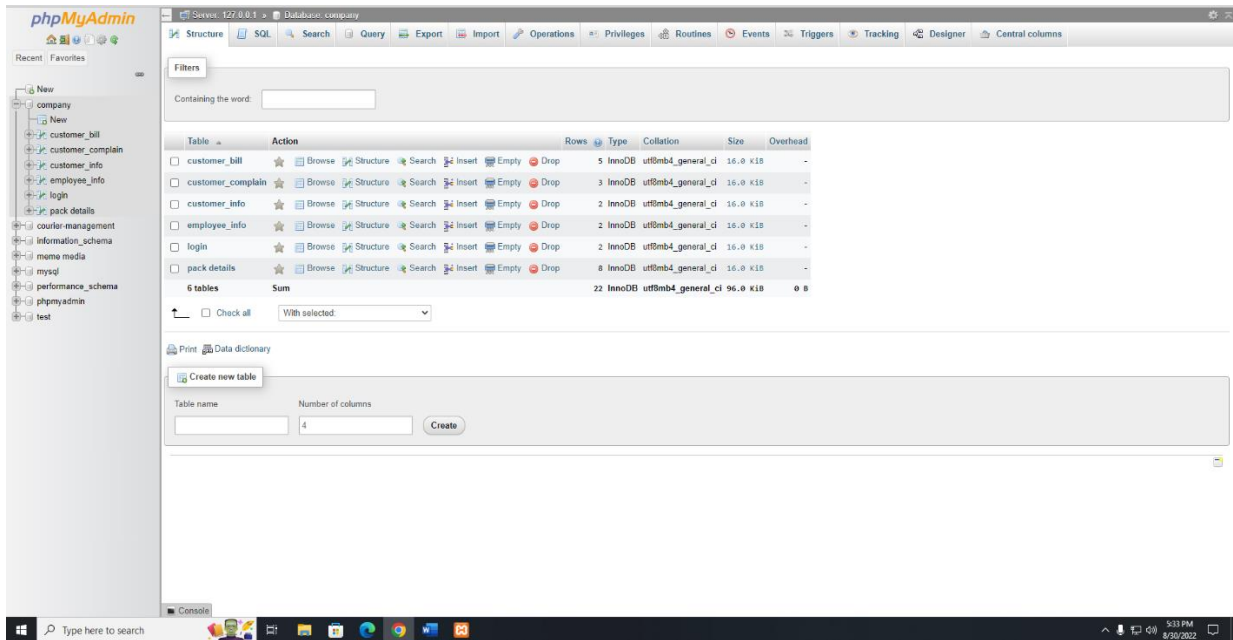
exp month :

exp year :

CVV :

PAY BILL

Database



Conclusion & future work:

We have made an effort in this project to ensure that both customers and providers would have hassle-free service through this website.

In this project there are some drawback's

- The user can't see his payment history.
- There isn't any media server.
- IN the payment system the user has to give his user id manually for payment.

In future we will be try to work on these drawbacks to make project more efficient for use.

Contributions:

Name:	Contributions:
Dipto Datta Pappu ID: 2012045042	Frontend: Homepage, Admin Dashboard, user Dashboard, Employee Dashboard, user Profile, employee profile, showing User id in dashboard using session. Backend: Password verification while log into dashboard, complain-box pop up, connection page for customer bill.
SK MD Towfikul Islam ID: 2012389042	Frontend: User info page, Complain show page, add user page, Update info page, display payment page Backend: Delete Employee from database, showing information in profile page, customer insert in database
Fahmida Akter Rapa ID: 2013903042	Frontend: Package page, About us page, Employee add page. Backend: Employee insert in database, delete customer page, database creation, Showing billing history page.

GitHub Repository: <https://github.com/diptodp/Project-CSE311>

Thank You
