



Internship at Global-Tech Solution Pvt. Ltd

Presented By

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Supervised By

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Introduction



- Position: Intern, .NET Development
- Company Details: Global-Tech Solution Pvt. Ltd is recognized as Nepal's first cloud-based accounting software company. It stands as the nation's premier 100% cloud service provider, offering a diverse range of cloud services from a secure data center, ensuring protected disaster recovery measures. Additionally, it specializes in providing professional accounting training and on-demand business consulting services, tailored to empower businesses to thrive in today's competitive landscape.
- Start Date: March 11th, 2024
- End Date: June 3rd, 2024
- Working Hours: 7 hours
- Motivation: I chose Global-Tech Solution for my internship due to its pioneering work in cloud technology and expertise in .NET development. The company's innovative environment and focus on professional growth perfectly align with my career goals.

Activities Performed

- **Project 1: Company Registration System**

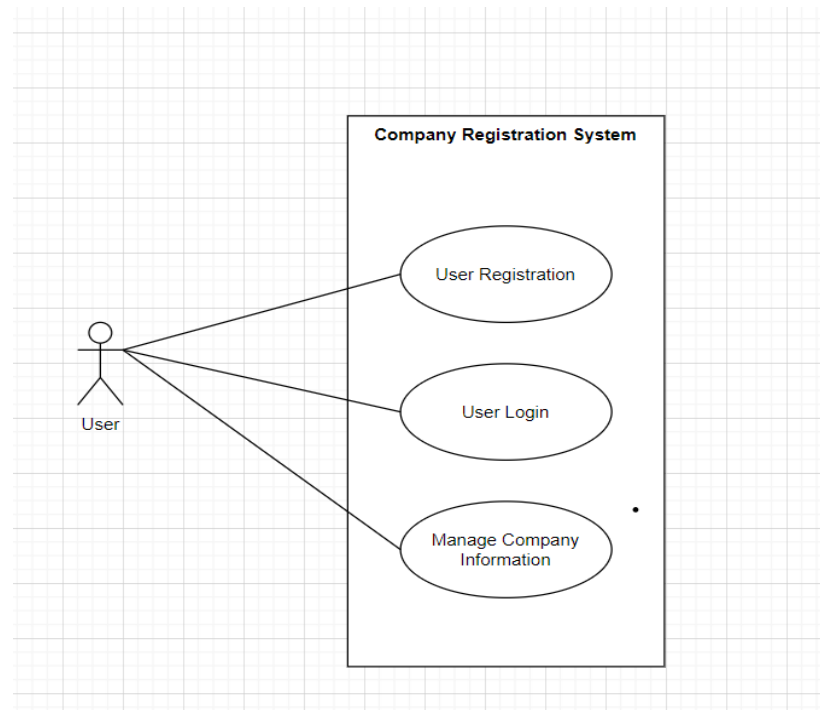


Figure : Use Case Diagram of Company Registration System

Activities Performed...

- Configured and managed connection strings, implementing effective handling mechanisms for database access.
- Established connections between the server(ASP.NET MVC) and the database.

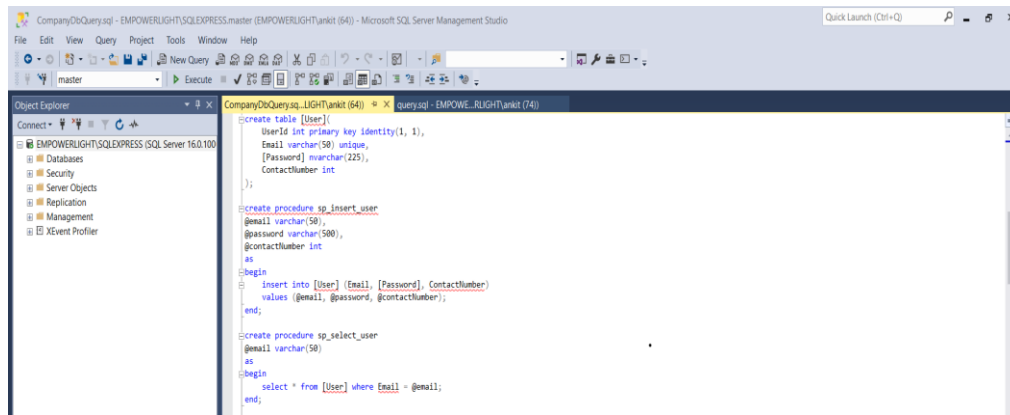
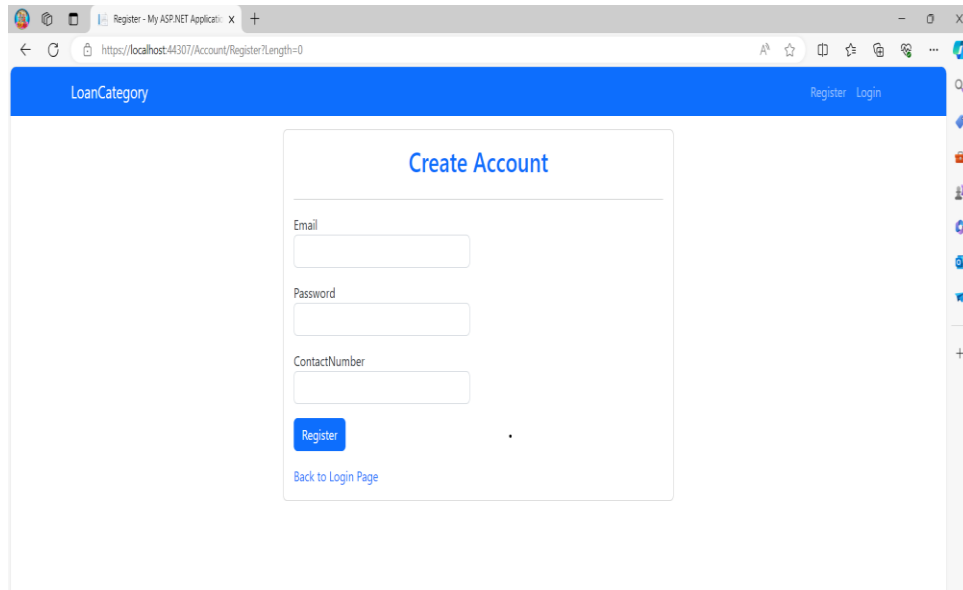


Figure: SQL Script



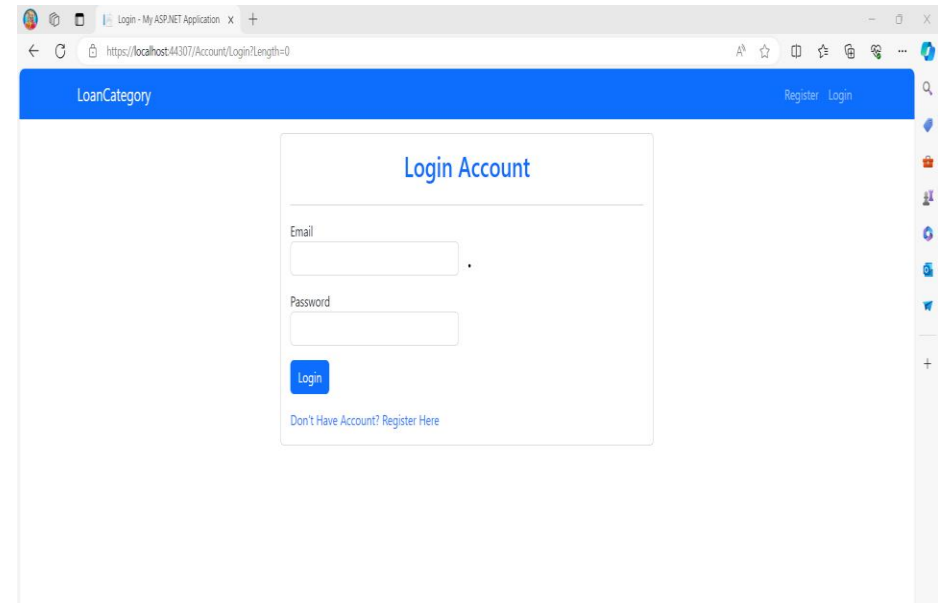
Figure: Connection string Configuration

Activities Performed...



The screenshot shows a web browser window with the title "Register - My ASP.NET Application". The address bar displays "https://localhost:44307/Account/Register?Length=0". The page features a blue header with the text "LoanCategory" on the left and "Register Login" on the right. The main content area contains a white box titled "Create Account". Inside this box, there are three input fields labeled "Email", "Password", and "ContactNumber". Below these fields is a blue "Register" button and a link that says "Back to Login Page". A vertical sidebar on the right side of the page contains several icons, including a magnifying glass, a shopping cart, a user profile, and a plus sign.

Registration View



The screenshot shows a web browser window with the title "Login - My ASP.NET Application". The address bar displays "https://localhost:44307/Account/Login?Length=0". The page features a blue header with the text "LoanCategory" on the left and "Register Login" on the right. The main content area contains a white box titled "Login Account". Inside this box, there are two input fields labeled "Email" and "Password". Below these fields is a blue "Login" button and a link that says "Don't Have Account? Register Here". A vertical sidebar on the right side of the page contains several icons, including a magnifying glass, a shopping cart, a user profile, and a plus sign.

Login View

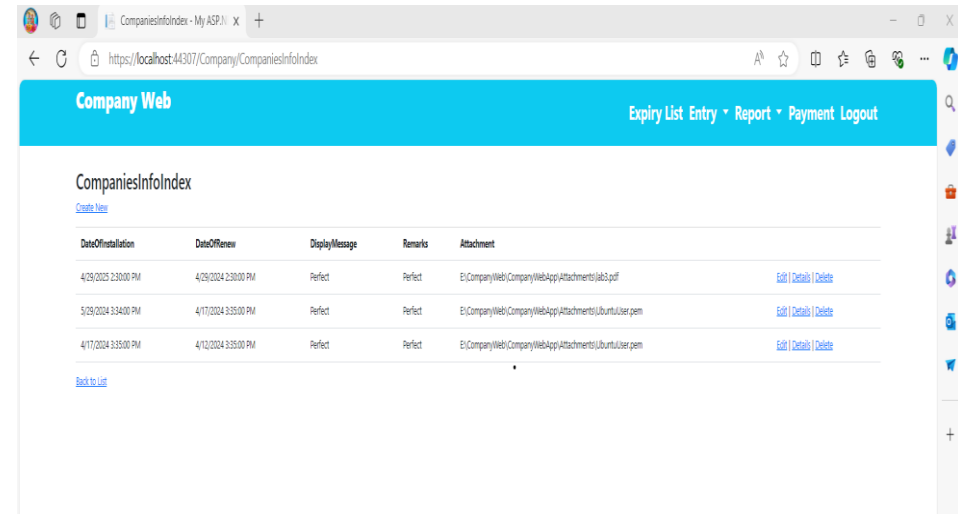
Activities Performed...

- Executed CRUD (Create, Read, Update, Delete) operations for data management within the application.
- Integrated data from “Companies” and “Companies_info” tables using JOIN operations for comprehensive data analysis and reporting.



CompanyName	Email	PhoneNumber	MobileNumber
Global Tech	global@global.com	123123	678797

Figure: Company List View



DateOfInstallation	DateOfRenew	DisplayMessage	Remarks	Attachment
4/29/2025 2:30:00 PM	4/29/2024 2:30:00 PM	Perfect	Perfect	E:\CompanyWeb\CompanyWebApp\Attachments\lab3.pdf
5/29/2024 3:34:00 PM	4/17/2024 3:35:00 PM	Perfect	Perfect	E:\CompanyWeb\CompanyWebApp\Attachments\UbuntuUser.pem
4/17/2024 3:35:00 PM	4/12/2024 3:35:00 PM	Perfect	Perfect	E:\CompanyWeb\CompanyWebApp\Attachments\UbuntuUser.pem

Figure: Company Info View

Activities Performed...

- Add a search feature to retrieve company data based on specified criteria such as date and name.

Search Compant From Name

Enter Name

Global Tech

Submit

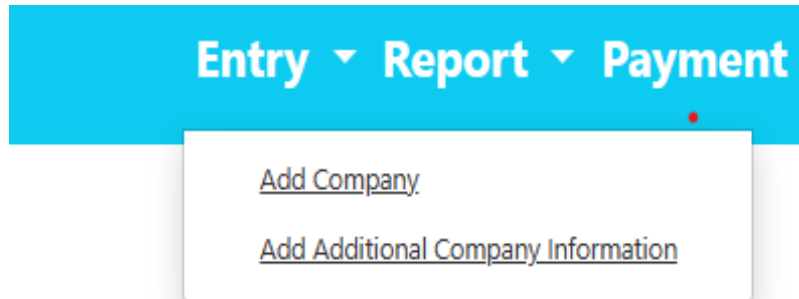
Result

Id	Company Name	Email	Phone Number	Mobile Number	Date of Installation	Date of Renew	Display Message	Remarks	Attachments
1	Global Tech	global@global.com	123123	678797	4/18/2025 5:39:00 PM	4/18/2024 5:39:00 PM	Perfect	Perfect	E:\CompanyWeb\CompanyWebApp\Attachments\lab3.pdf

[Back to List](#)


Activities Performed...

- Implementing drop-down menus for data entry and reporting functionality.
- Integrated Payment Page and implemented functionality to update date of installation and date of renew, enhancing the application's financial management capabilities.



Payment

Payment Method

PaymentType	<input type="text" value="Esewa"/>
PaymentDate	<input type="text" value="04/12/2024 01:56 PM"/> 
Company Name	<input type="text"/>

Done

[Back to List](#)

Activities Performed...

- **Project 2: Loan Management System**

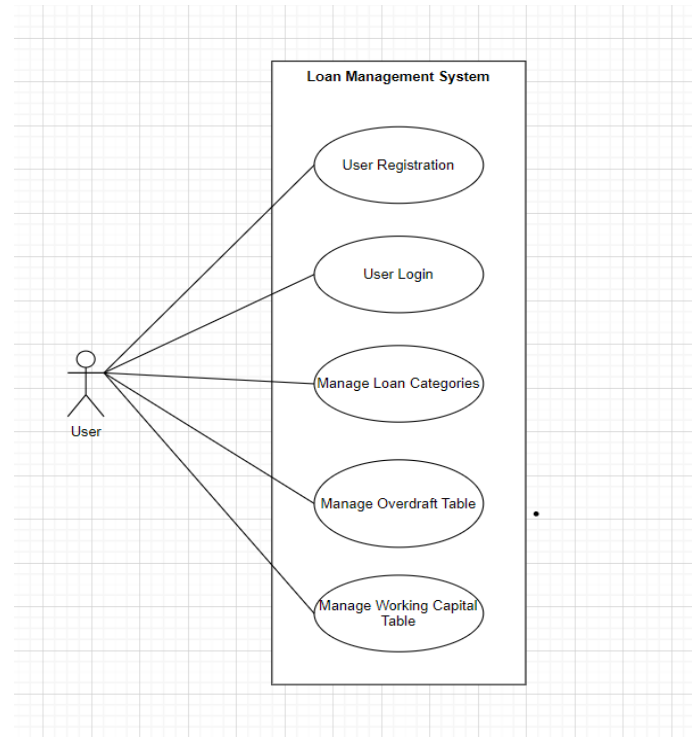


Figure: Use Case Diagram of Loan Management System

Activities Performed...

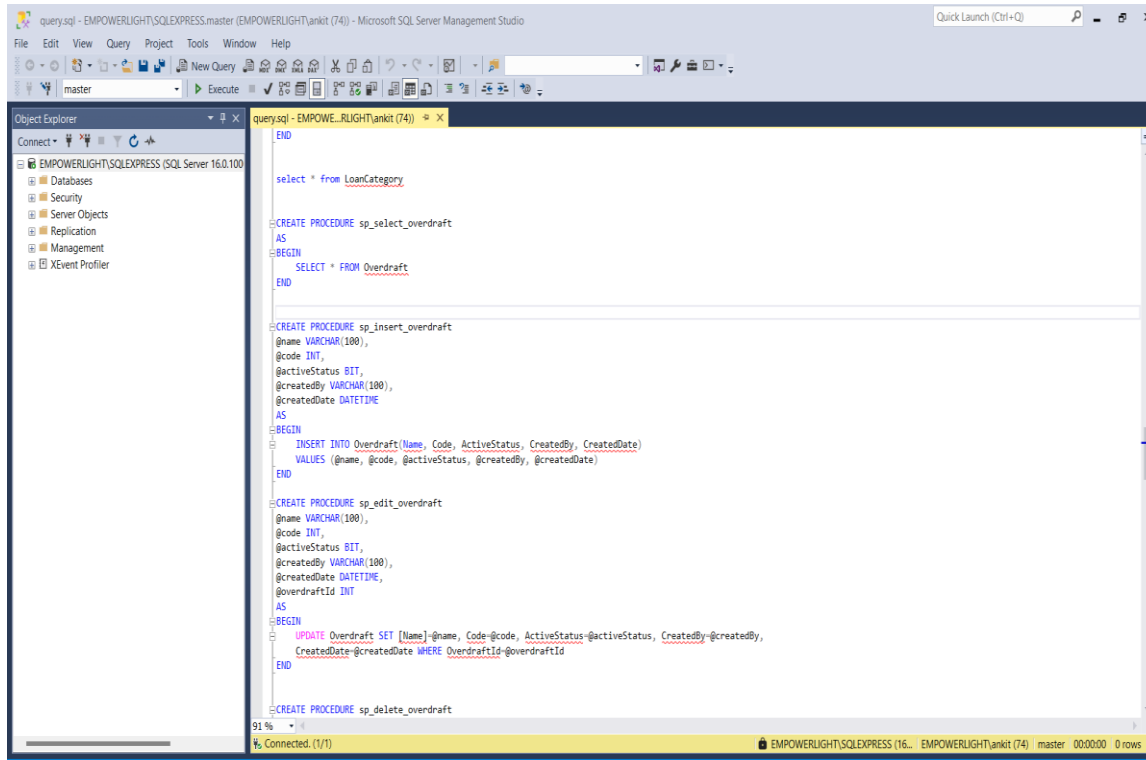


Figure: SQL Scripts

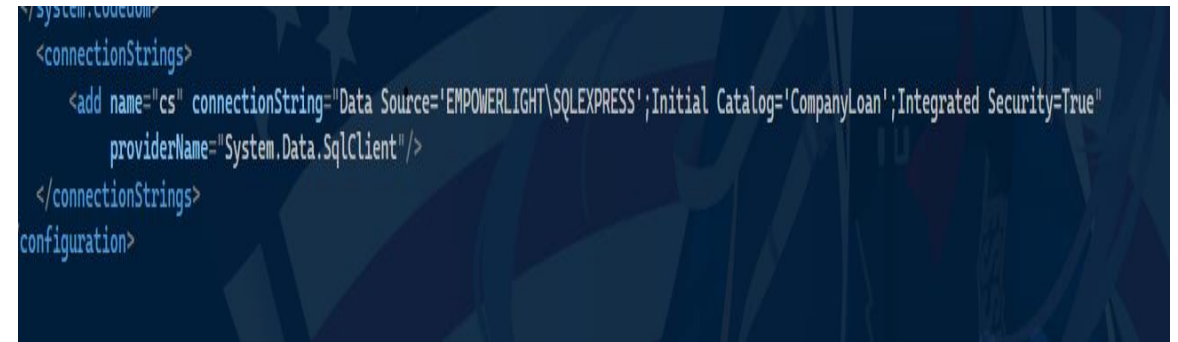
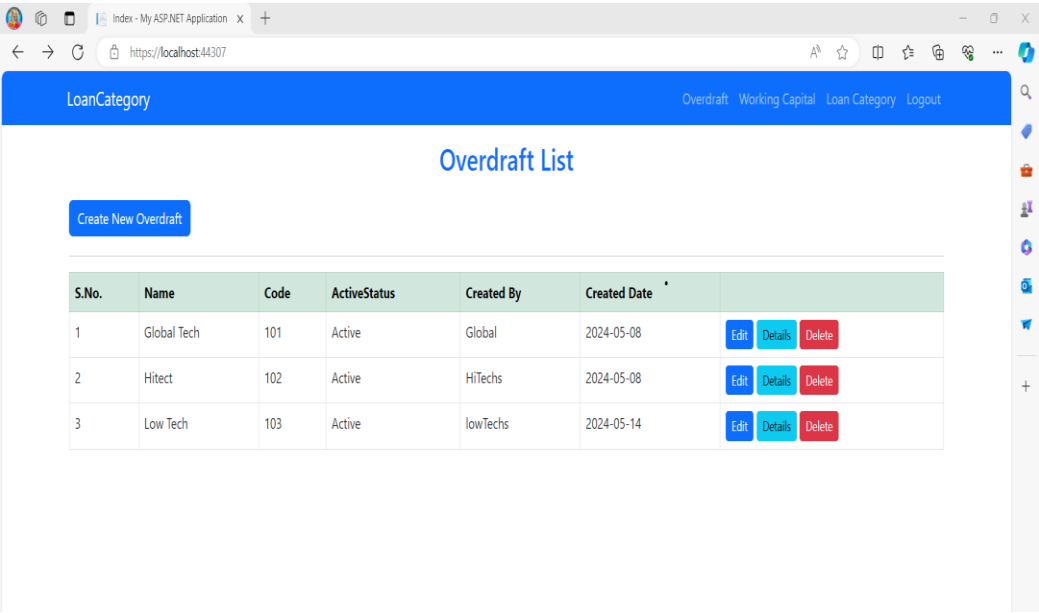


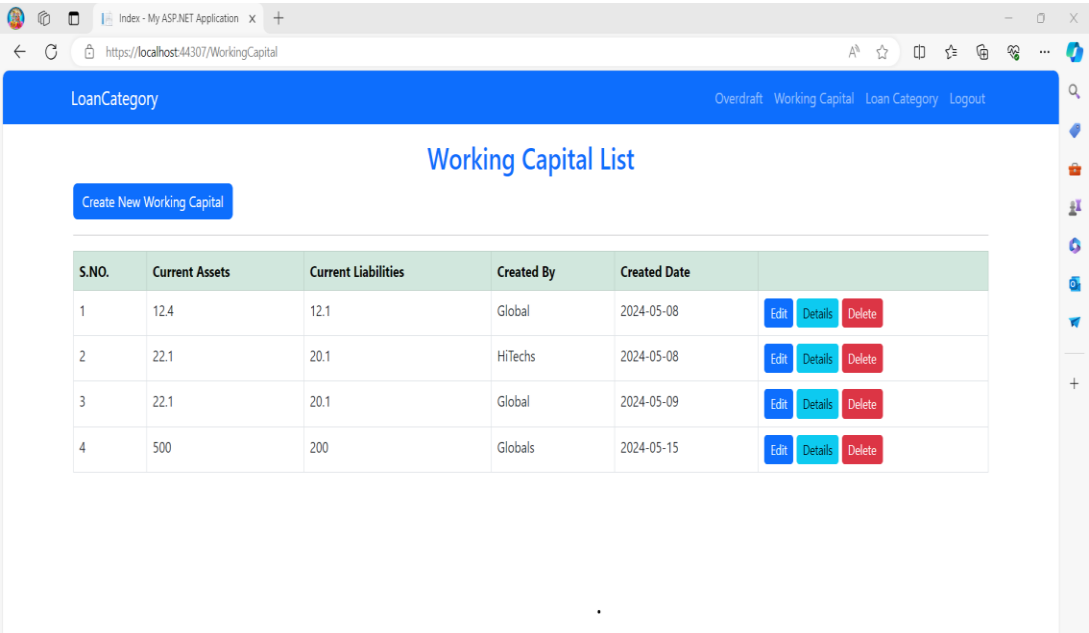
Figure: Connection Strings

Activities Performed...



S.No.	Name	Code	ActiveStatus	Created By	Created Date	
1	Global Tech	101	Active	Global	2024-05-08	Edit Details Delete
2	HiTect	102	Active	HiTechs	2024-05-08	Edit Details Delete
3	Low Tech	103	Active	lowTechs	2024-05-14	Edit Details Delete

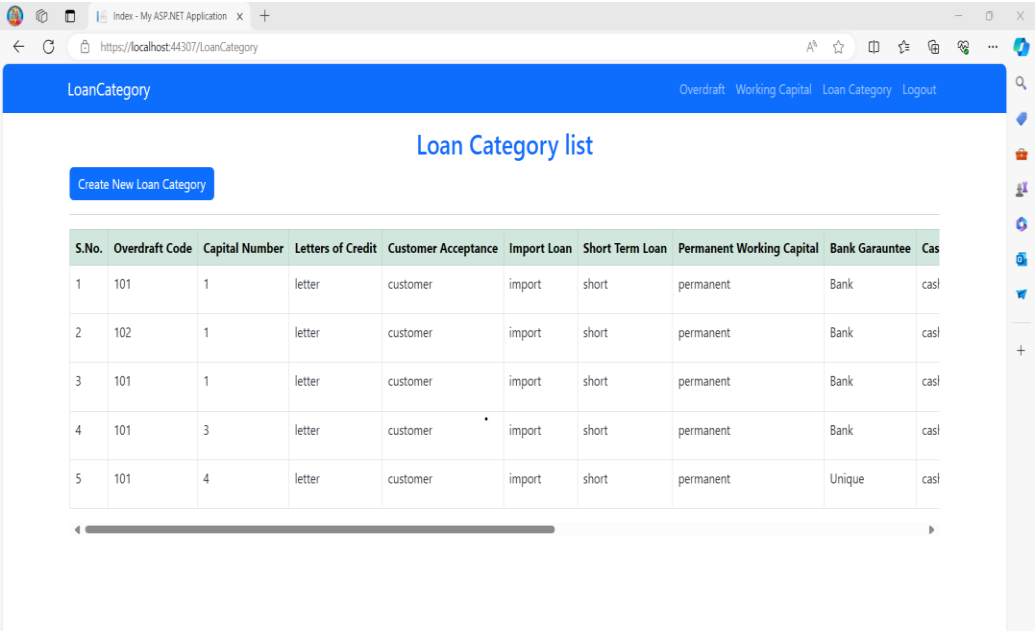
Figure: Overdraft list View



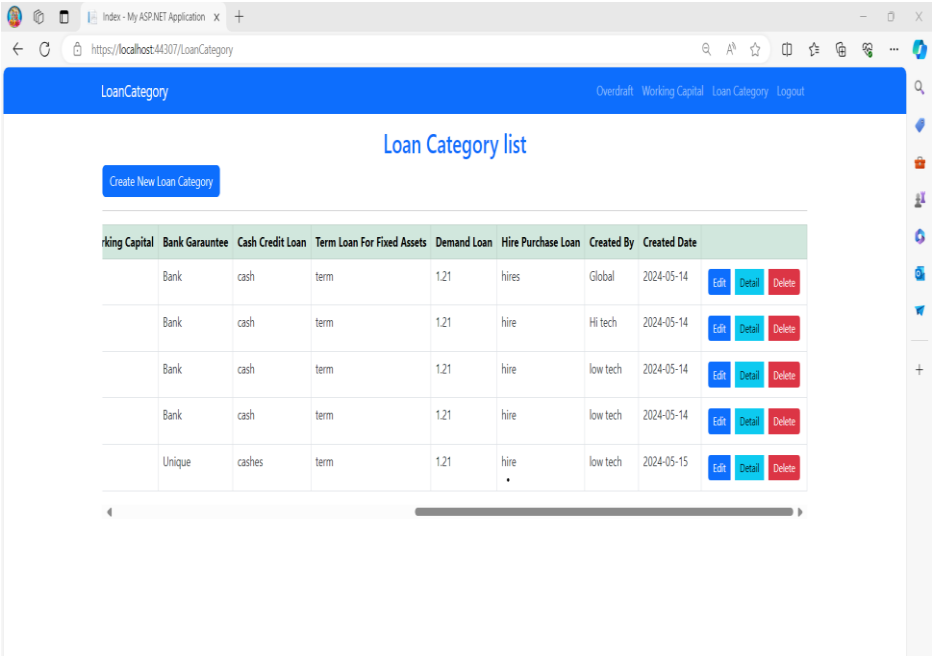
S.NO.	Current Assets	Current Liabilities	Created By	Created Date	
1	12.4	12.1	Global	2024-05-08	Edit Details Delete
2	22.1	20.1	HiTechs	2024-05-08	Edit Details Delete
3	22.1	20.1	Global	2024-05-09	Edit Details Delete
4	500	200	Globals	2024-05-15	Edit Details Delete

Figure: Working Capital list View

Activities Performed...



Loan Category list									
Create New Loan Category									
S.No.	Overdraft Code	Capital Number	Letters of Credit	Customer Acceptance	Import Loan	Short Term Loan	Permanent Working Capital	Bank Guarantee	Cash
1	101	1	letter	customer	import	short	permanent	Bank	cash
2	102	1	letter	customer	import	short	permanent	Bank	cash
3	101	1	letter	customer	import	short	permanent	Bank	cash
4	101	3	letter	customer	import	short	permanent	Bank	cash
5	101	4	letter	customer	import	short	permanent	Unique	cash



Loan Category list									
Create New Loan Category									
Working Capital	Bank Guarantee	Cash Credit Loan	Term Loan For Fixed Assets	Demand Loan	Hire Purchase Loan	Created By	Created Date		
	Bank	cash	term	1.21	hires	Global	2024-05-14	Edit	Detail
	Bank	cash	term	1.21	hire	Hi tech	2024-05-14	Edit	Detail
	Bank	cash	term	1.21	hire	low tech	2024-05-14	Edit	Detail
	Bank	cash	term	1.21	hire	low tech	2024-05-14	Edit	Detail
	Unique	cashes	term	1.21	hire	low tech	2024-05-15	Edit	Detail

Loan Category List View

Activities Performed...

- Project 3: Web API Development

```
"ConnectionStrings": {  
  "DefaultConnection": "Data Source=EMPOWERLIGHT\\SQLEXPRESS;Initial Catalog=FinShark;Integrated Security=True;Connect Timeout=30;Encrypt=False;Trust Server Certificate=True;"  
}
```

Figure: Connection String

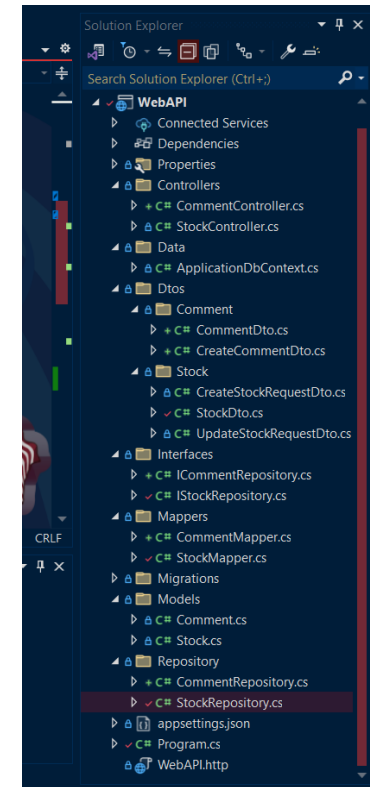


Figure: Web API Folder

Activities Performed...

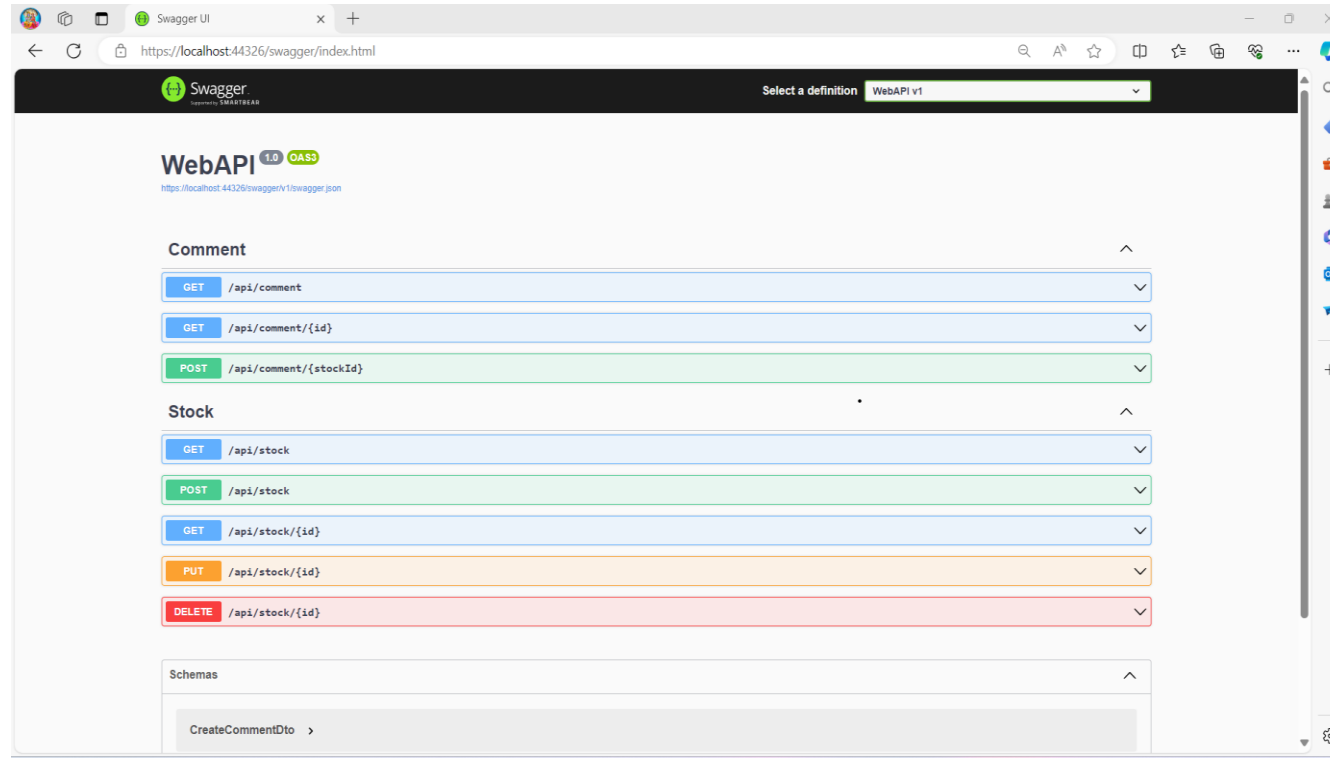


Figure: Web API

Research Site

- URL: <https://www.c-sharpcorner.com/UploadFile/francissvk/crud-operations-in-Asp-Net-mvc-using-ado-net/>

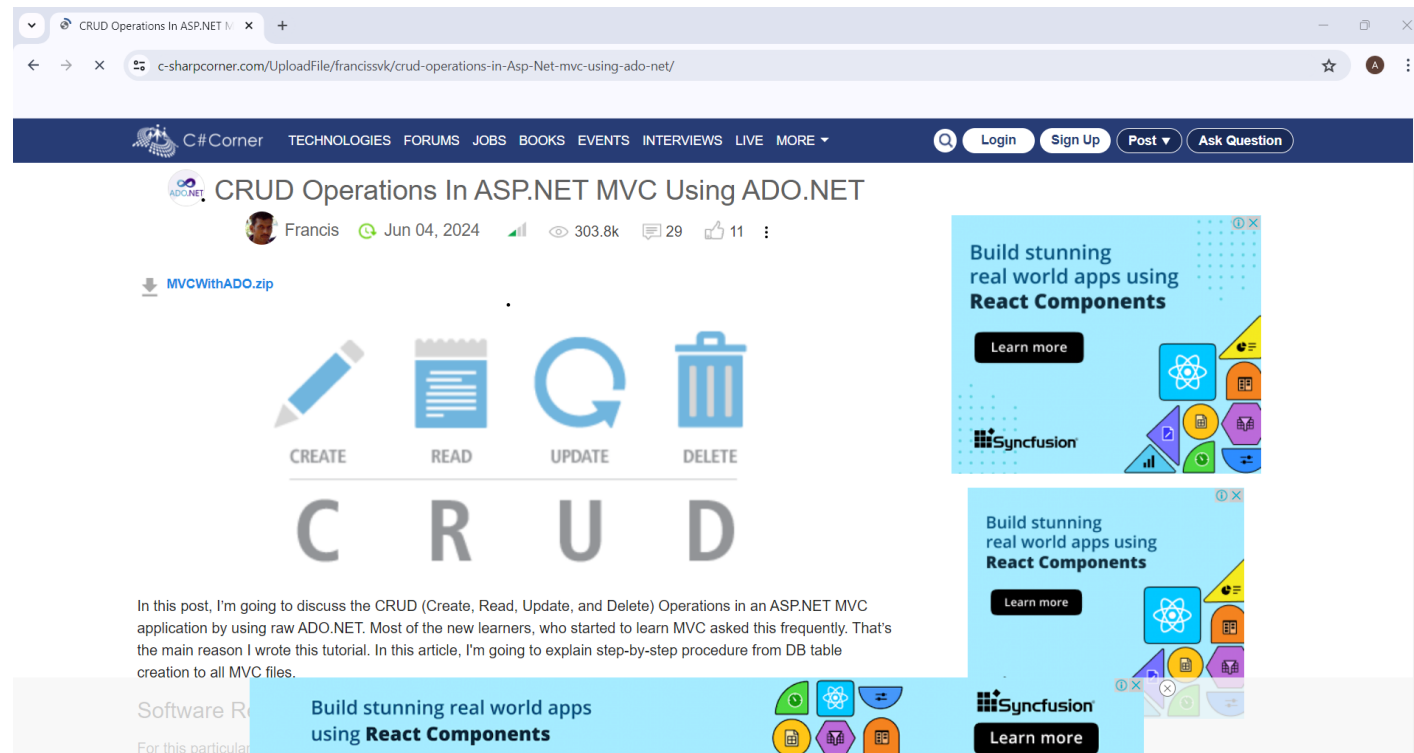


Figure: CRUD Operation Documentation

Conclusion

The internship at Global-Tech Solution Pvt. Ltd has been immensely worthwhile. Organized tasks and a support environment facilitated valuable learning and skill development. The experience has been instrumental in shaping my future in the tech industry.