

Stock Market Learning

A PROJECT REPORT ON

Stock Market Learning

SUBMITTED TO :

Geetanjali Colleges of computer science

And commerce (BBA)

AFFILIATED BY :

Saurashtra University

ACADEMIC YEAR :

2023-2024

PROJECT GUIDE :

Prof. Kishorsinh vala

PREPARED BY :

Tankariya Harsh Jiteshbhai

ACKNOWLEDGEMENT

- First of all I am sincerely thanked to Saurashtra University for giving a project as a particular subject.
- I am also greatly grateful to our **Geetanjali Group of colleges**.
- I am also greatly grateful to our college. I would like to thanks **Prof. Brijesh Shah (HOD)** for providing us opportunity to prepare this project.
- To complete this project many persons help us. But we are specially thanked to **Prof. Kishorsinh vala** for guiding our project analysis and development. They help our conceptualized the idea of the project and helped us streamline our work by providing us with every facility required.
- Thank to all

Your Faith Fully,
Harsh Tankariya

PREFACE

In 21st Century of Technology, Computer and related service is the most useful, automatic and highly speed of work. B.C.A is course in which practical aspect is important as theoretical aspect. In the present world importance of education is increasing. The project training in a student's life is like a live experience in the industry. If we have experience then & then we get top of the level.

Most Important Factor of B.C.A Course is Project Work. The Project Work is Must for Every Student in Different Government or Private Organization during the Study Period.

I am developing project in 6th Semester of B.C.A I am student of Geetanjali Group of Colleges Is Affiliated with Saurashtra University, Rajkot.

I am create this project dynamic and in this project I provide insert, update and delete operation on admin side and select at client side so user can easily show site and give feedback. In client side only feedback can add other any page can't perform add operation.

I have gone through and study necessary information, which is collected and presented in this report. We are trying our best in this project. I have taken almost care that are information provided in the project is true and project is in a smooth running condition and error free.

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Profile of project

Project Title	:	Stock Market Learning
Development Software	:	Visual Studio 2022
Front End	:	ASP.NET
Backend	:	SQL SERVER , C#
Academic Year	:	2023-2024
Developed By	:	Harsh Tankariya
Submitted To	:	Geetanjali College
Documentation Tool	:	Microsoft Word
Operating System	:	Windows

Software Development Life Cycle (SDLC)

1. Project Initiation:

- Define the project's goals, objectives, and scope for the stock market learning website.
- Identify key stakeholders and establish communication channels.
- Perform a feasibility study to ensure the viability of the project.

2. Planning:

- Develop a project plan outlining tasks, timelines, and resource allocation.
- Identify and allocate necessary resources, including developers, content creators, and subject matter experts.
- Determine the technology stack, specifying the use of ASP.NET for web development.
- Identify potential risks and create a risk mitigation plan.

3. Requirement Gathering:

- Collaborate with stakeholders to gather detailed requirements for the stock market learning website.
- Define features such as user registration, course management, interactive learning modules, quizzes, progress tracking, and forums.
- Document user stories, use cases, and functional specifications.

4. System Design:

- Create a system architecture design for the website.
- Plan the website's user interface (UI) design and user experience (UX).
- Define security measures to protect user data and ensure a secure learning environment.

5. Development:

- Develop the stock market learning website using ASP.NET.
- Develop features for browsing and enrolling in courses, accessing learning materials
- Implement responsive design for various devices and browsers.
- Conduct unit testing and debugging to ensure code quality.

6. Testing:

- Perform functional testing to ensure all features work as intended.
- Test the performance of the website to ensure optimal speed and responsiveness.
- Fix bugs and issues identified during testing.

7. Deployment:

- Prepare the production environment for hosting the stock market learning website.
- Deploy the ASP.NET application on a web server.
- Configure databases and web servers for optimal performance.

8. Maintenance and Support:

- Establish a process for ongoing maintenance and support.
- Address user feedback and bug reports promptly.
- Regularly update the website with new courses, content, and features.
- Monitor website performance and security.

9. Project Closure:

- Evaluate the success of the project against initial objectives.
- Create documentation for future reference and maintenance.
- Conduct a post-implementation review with stakeholders.
- Archive project files and release resources.

SYSTEM REQUIREMENT

There are two types of system requirement.

-Hardware

-Software

○ Hardware:-

- Processor:-

8 Bit, 2 core, 1.2 GHz or higher.

- RAM:-

4GB for development and evaluation use or more

- Hard disk:-

100 MB or More

○ Software:-

- Platform:-

Windows

- Operating system:-

Windows 10 profession or any

- Front End tool:-

ASP.NET

- Back end tool:-

SQL server

- Editing tool:-

Microsoft visual Visual Studio 2022

- Browser:-

Internet Explorer or

Mozilla Firefox or

Google Chrome or Any browser

DATA DICTIONARY

Database Tables :

- admin
- feedback
- market_news_table
- ipo_news_table
- sme_news_table

admin:-

Field Name	Data Type	Constraints
user_id	int	-
username	varchar(50)	-
password	varchar(50)	-

Feedback:-

Field Name	Data Type	Constraints
id	int	-
name	varchar(50)	-
email	varchar(50)	-
message	varchar(50)	-

Market_news_table:-

Field Name	Data Type	Constraints
newsdate	varchar(50)	-
newst	varchar(Max)	-
newsd	varchar(Max)	-

ipo_news_table:-

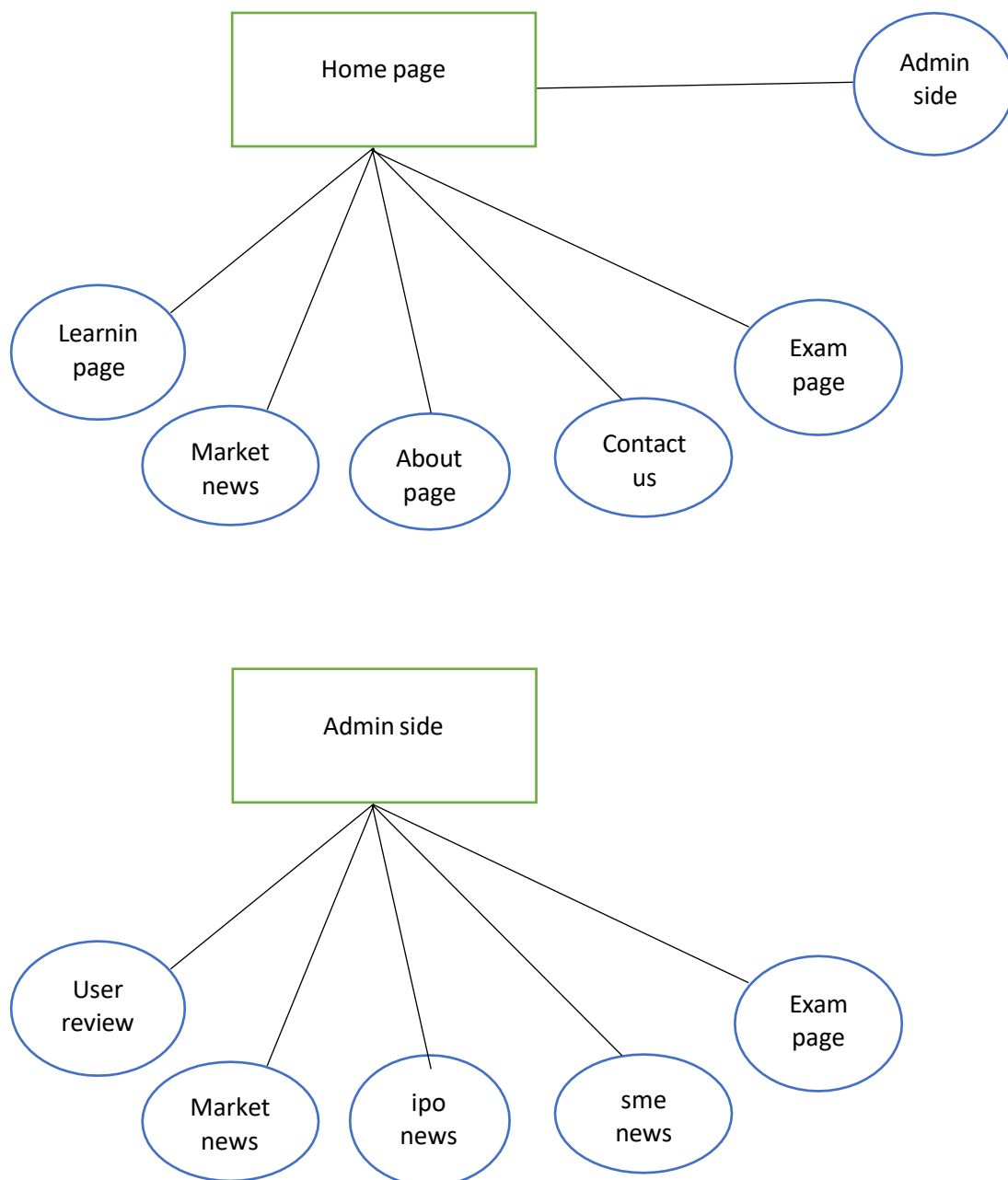
Field Name	Data Type	Constraints
Companyname	varchar(50)	-
opendate	varchar(Max)	-
closedate	varchar(Max)	-
Listingdate	varchar(Max)	-
lotsize	varchar(Max)	-
Allotment	varchar(Max)	-
Listingat	varchar(Max)	-
Totalsize	varchar(Max)	-
Creditofsharetodemat	varchar(Max)	-
Initiationofrefunds	varchar(Max)	-

sme_news_table:-

Field Name	Data Type	Constraints
Companyname	varchar(50)	-
opendate	varchar(Max)	-
closedate	varchar(Max)	-
Listingdate	varchar(Max)	-
lotsize	varchar(Max)	-
Allotment	varchar(Max)	-
Listingat	varchar(Max)	-
Totalsize	varchar(Max)	-
Creditofsharetodemat	varchar(Max)	-
Initiationofrefunds	varchar(Max)	-

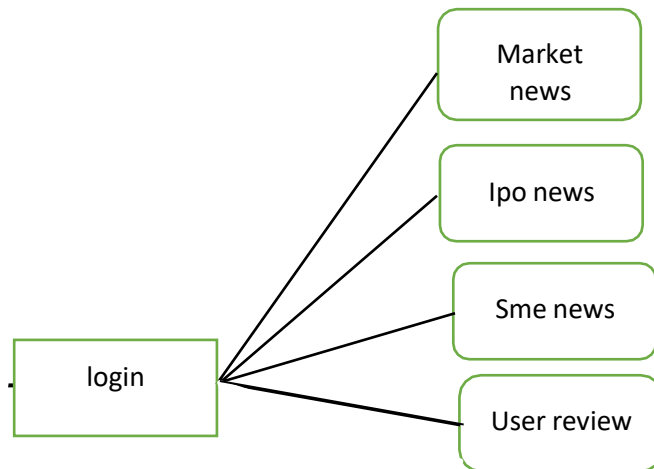
E-R Diagram

An entity Relationship Diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationship between those entities. An ERD is a conceptual and representation model of data used to represent the entity from work infrastructure.

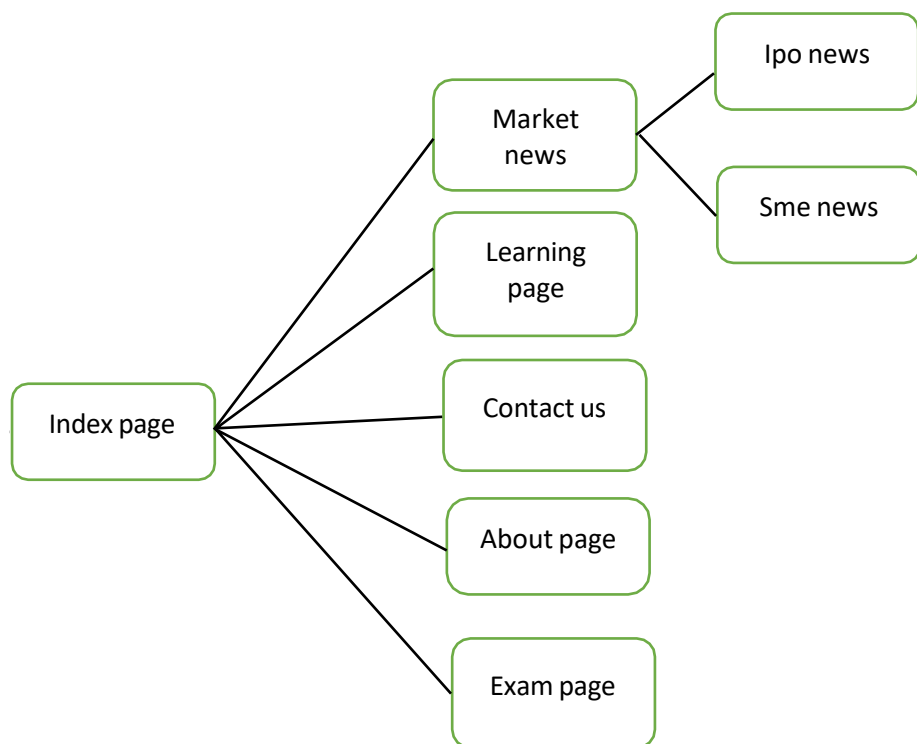


DATA FLOW DIAGRAM

Admin Side:-



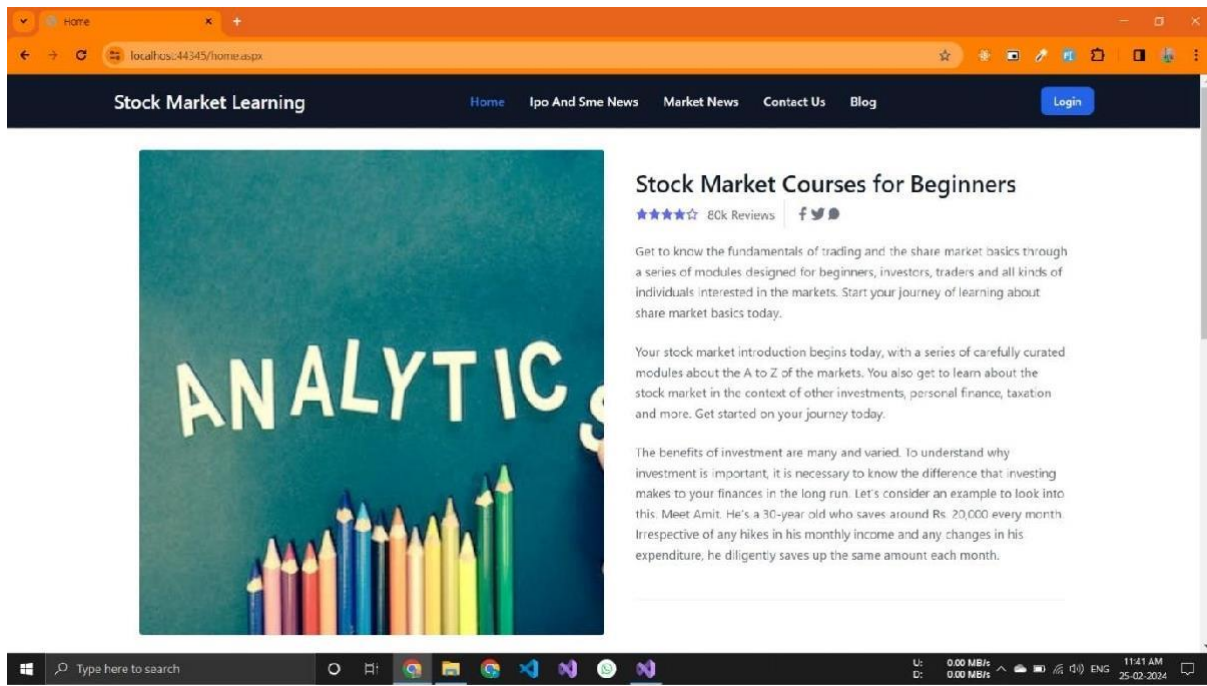
Client Side:-



SCREEN SHOT

Client Side:-

Home page :-



- This is home page of website.
- In This Page You Show Stock Market Basic Information
- This Page You Learn Basic Information of Stock

Stock Market Learning

Ipo And Sme News page :-

The screenshot displays a web browser window with the URL `localhost:41345/MarketNewsClient.aspx`. The page has a dark blue header with the title "Stock Market Learning" and navigation links: Home, Ipo And Sme News, Market News, Contact Us, and Blog. A "Login" button is also present. The main content area is divided into two sections: "Ipo News" and "Sme News".

Ipo News

Id	Company Name	Open Date	Close Date	Listing Date	Listing At	Allotment Date	Issue Size
3	Harsh Fertilizer	2024-02-14	2024-02-16	2024-02-23	BSE	2024-02-18	1000000
8	Harsh Fertilizer	2024-02-14	2024-02-17	2024-02-25	BSE	2024-02-19	1000000

Sme News

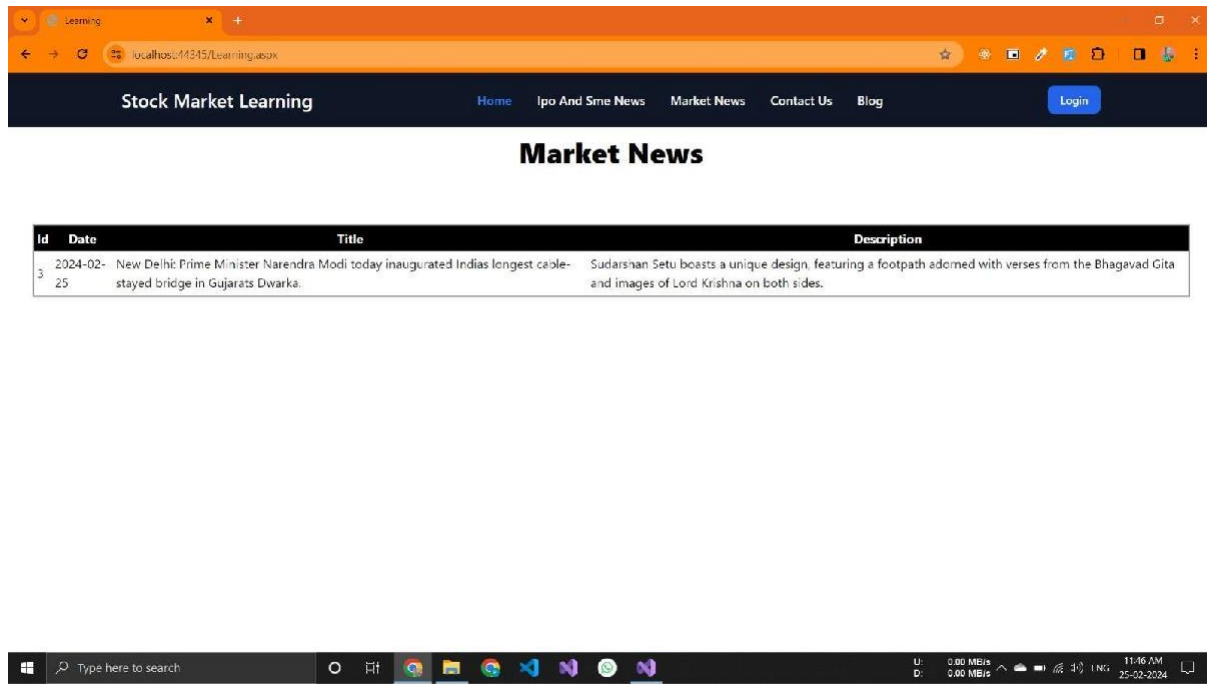
Id	Company Name	Open Date	Close Date	Listing Date	Listing At	Allotment Date	Issue Size
2	kayCee	2024-02-11	2024-02-13	2024-02-19	BSE	2024-02-16	1000000
3	Harsh Fertilizer	2024-02-11	2024-02-12	2024-02-17	BSE	2024-02-21	1000000
4	Harsh Fertilizer	2024-02-11	2024-02-12	2024-02-24	BSE	2024-02-15	1000000

The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right indicates the date and time as 11:41 AM on 25-02-2024.

- User can see all the ipo and sme details here like company name, price, open date, close date, allotment date and listing date.
- this page user is the read all about information IPO and

Stock Market Learning

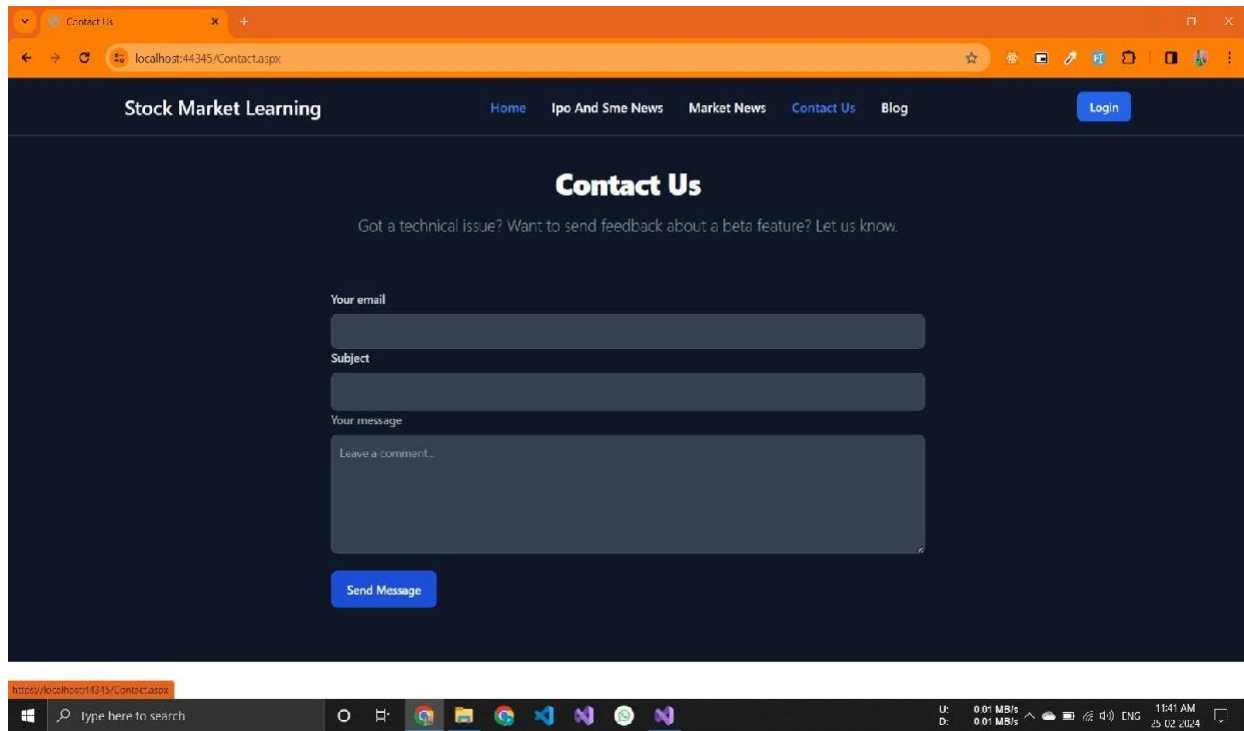
Market News page :-



- This Is a Market News Page
- In This Page User Is Read Market News
- User Can Read Latest News In This Batch

Stock Market Learning

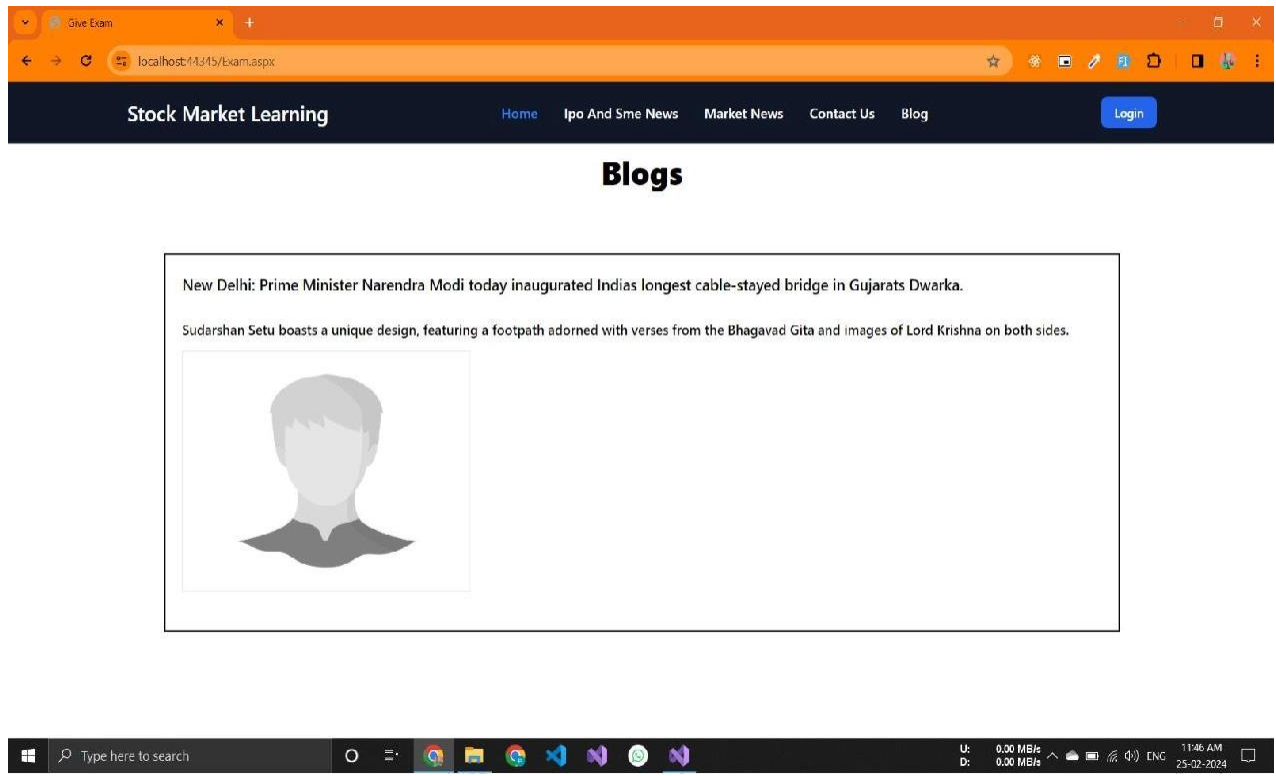
Contact Us page :-



- This Is a Contact Page
- In This User Can Send Its Feedback About Webside

Stock Market Learning

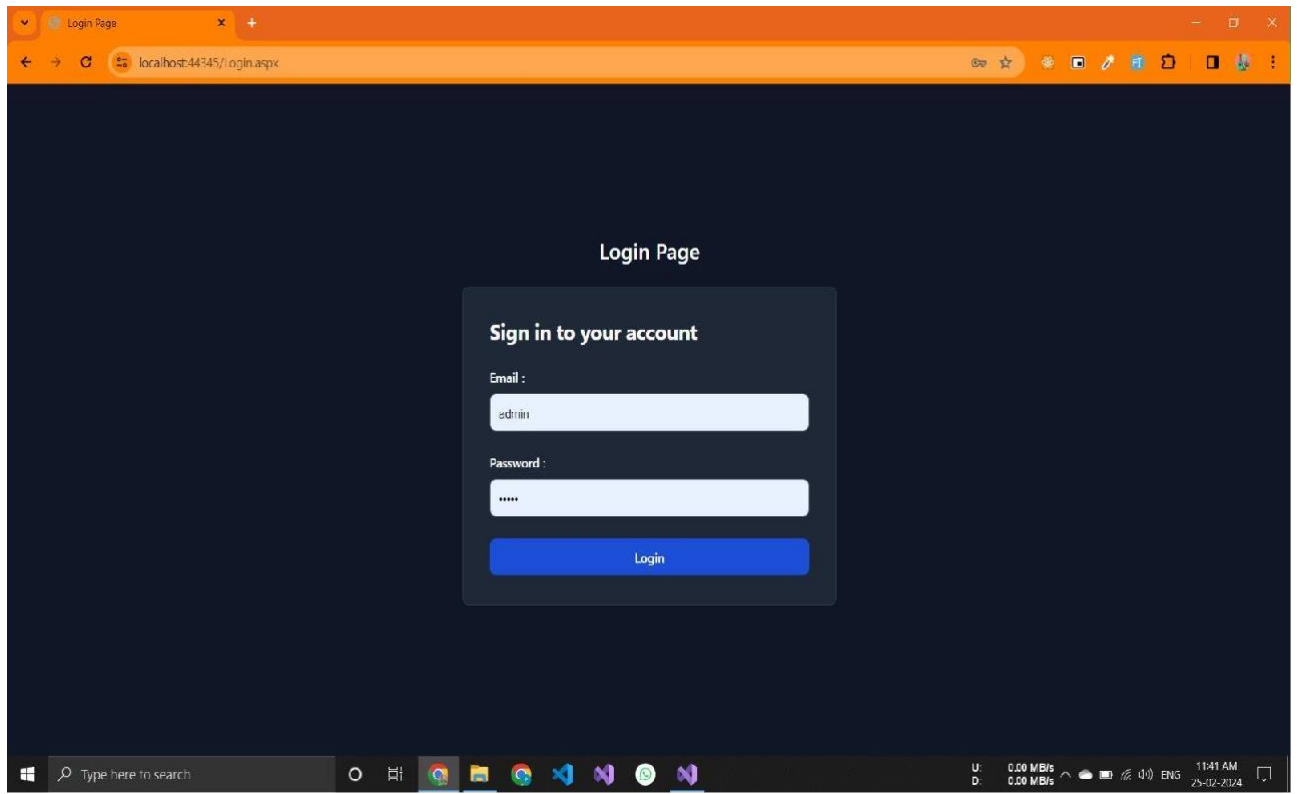
Blog page :-



- In This Page User Can Learn About Stock Market Basic To Advance
- This Page Are Fully Dynamic Admin Is Add a blogs To Admin Side
- Admin Is Add Blogs About Learn Stock Market

Stock Market Learning

Login page :-

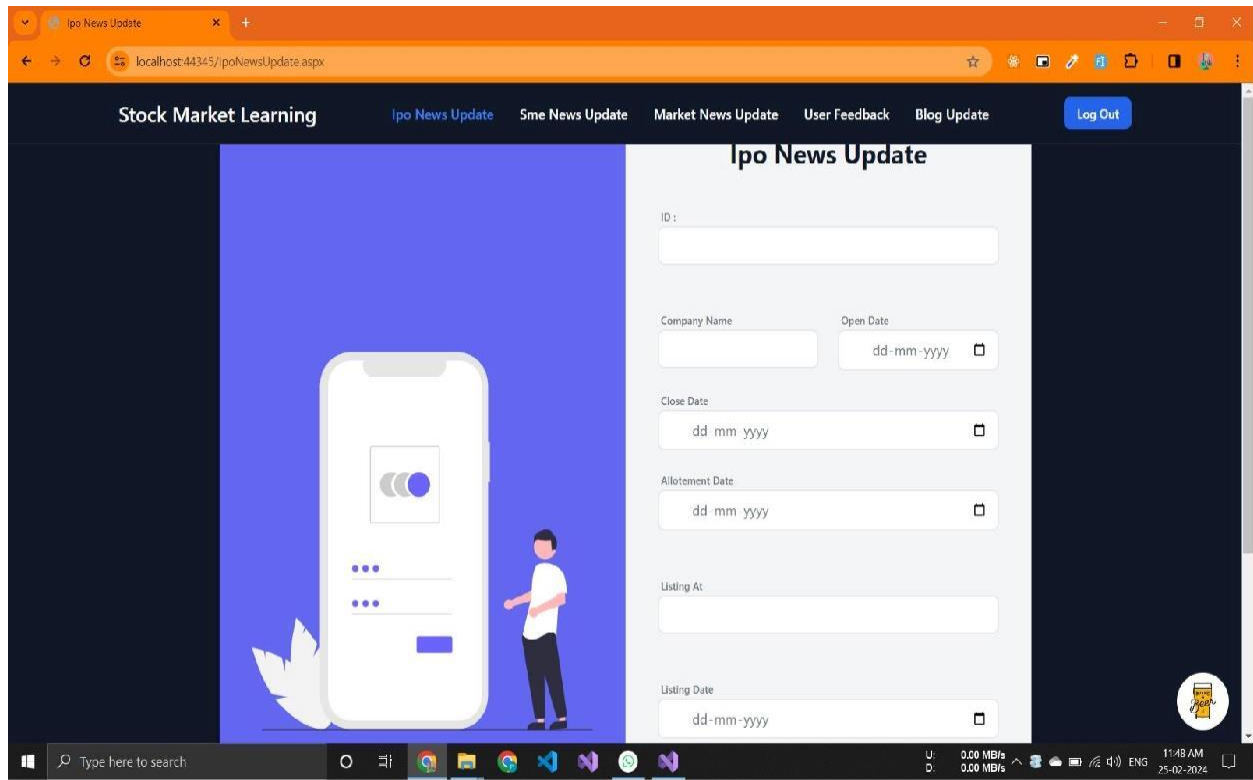


- This Is a Admin Login Page
- In Is Page Is Only Admin Login Not Any User

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Admin :-

Ipo Update page :-



The screenshot shows a web browser window with the URL `localhost:44345/poNewsUpdate.aspx`. The page has a dark blue header with the title "Stock Market Learning" and several navigation links: "Ipo News Update", "Sme News Update", "Market News Update", "User Feedback", and "Blog Update". A "Log Out" button is located on the right side of the header. The main content area is titled "Ipo News Update" and contains a form with the following fields: "ID:" (text input), "Company Name" (text input), "Open Date" (date picker with format "dd-mm-yyyy"), "Close Date" (date picker with format "dd-mm-yyyy"), "Allotment Date" (date picker with format "dd-mm-yyyy"), "Listing At:" (text input), and "Listing Date" (date picker with format "dd-mm-yyyy"). On the left side of the form, there is a large illustration of a smartphone with a person standing next to it. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates the time as 11:48 AM on 25-02-2024.

- This Is a Ipo news Update Page
- In This Page Admin Are Add IPO Update IPO And Delete IPO News To This Page
- Admin Is Add Details Here Like Company Name,Price,Open Date,Close Date,Allotment Date And Listing Date.

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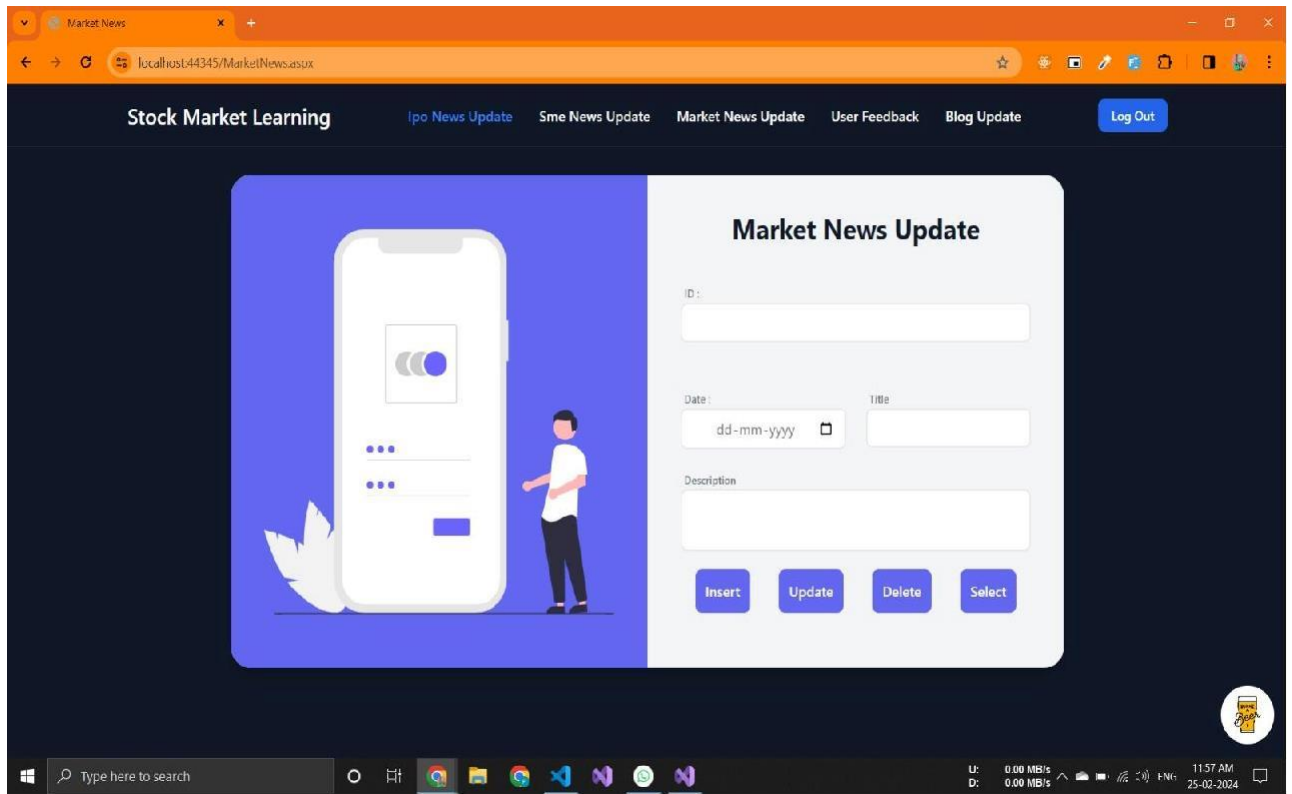
Sme Update page :-

The screenshot displays the 'Sme Update' page within a web browser. The page layout includes a dark blue header with the title 'Stock Market Learning' and several navigation links: 'Ipo News Update', 'Sme News Update', 'Market News Update', 'User Feedback', 'Blog Update', and a 'Log Out' button. The main content area is divided into two sections. On the left, there is a large, stylized illustration of a smartphone with a person standing next to it. On the right, there is a form titled 'Sme News Update'. This form contains several input fields: 'ID:', 'Company Name', 'Open Date' (with a date picker), 'Close Date' (with a date picker), 'Allotment Date' (with a date picker), 'Listing At', and 'Listing Date' (with a date picker). The browser's address bar shows the URL 'localhost:44345/SmeUpdate.aspx'. The Windows taskbar at the bottom indicates the time is 11:48 AM on 25-02-2024.

- Thi Page Is Same To Ipo News Page But in Page Are Add News To Sme
- In This Page Admin Are Add SME Update SME And Delete SME News To This Page
- Admin Is Add Details Here Like Company Name,Price,Open Date,Close Date,Allotment Date And Listing Date.

Stock Market Learning

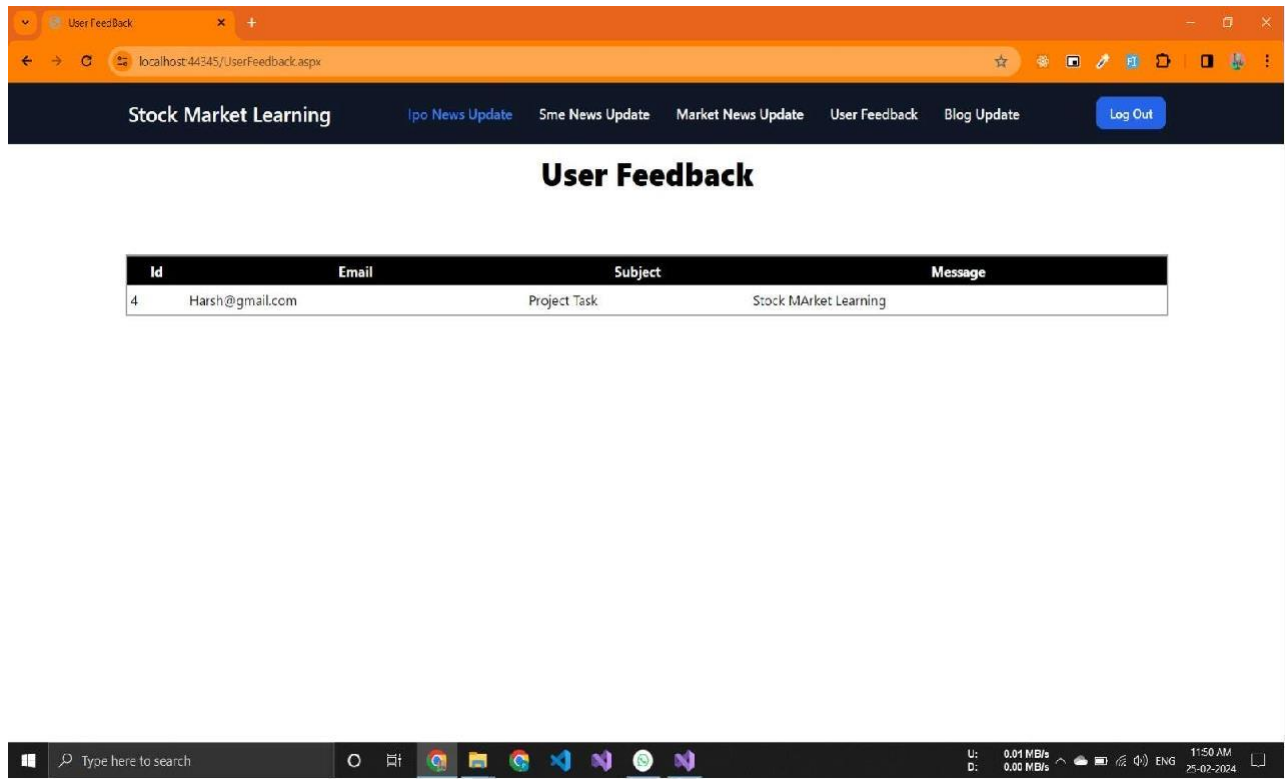
Market News page :-



- In This Page Admin Are Add Market News Update News And Delete News News To This Page
- In This Page Admin Is Add Latest News To News Date And News News title And News Detail

Stock Market Learning

User Feedbackpage :-



- In This Page Admin Is Show Give User Feedback to WebSide
- admin is show the details user like a email contact number or message

Stock Market Learning

User Feedbackpage :-

The screenshot shows a web browser window with the address bar displaying 'localhost:44345/BlogAdmin.aspx'. The page title is 'Stock Market Learning'. The navigation bar includes links for 'Ipo News Update', 'Sme News Update', 'Market News Update', 'User Feedback', 'Blog Update', and a 'Log Out' button. The main content area is titled 'Blog Update' and contains the following form fields:

- Id**: A text input field.
- Title**: A text input field.
- Content**: A text area with the placeholder text 'Leave a comment...'.
- Image**: A file upload section with a 'Choose file' button and the text 'No file chosen'.

Below the form fields are four buttons: 'Insert', 'Update', 'Delete', and 'Select'.

- In This Page Admin Are Add Blog Update Blog And Delete Blog To This Page
- admin Are Add Blog About Stock Market learning In This Website

Test cases

Case name	Case description	Actual output	Test result
Login	A Window with a two text box user name or password .	Write correct username or password and login successfully	pass
Dashboard	A page that use to insert data	A page thst use to insert whole website .	Pass
News page	A page that display databace content	A page that display all news information	pass

Future Enhancement

- we will provide a facility to use our each get a certificate to exam website.
- We will provide facility to user can check their ipo and sme allotment status from our website.
- we will provide a more learning stock market tools in in website
- we will start online lecture on stock market learning to the new students or new users

Limitation of project

- ⇒ User read news it can not download news PDF .
- ⇒ User can not view image for news .
- ⇒ User can not redirect any other news link .
- ⇒ our candidate is not able to get the online certificate of the given exam

WEBBLIOGRAPHY

<https://www.w3schools.com/>

We use this website to frontend design.

<https://timesofindia.indiatimes.com/>

We use to read news for this website.

