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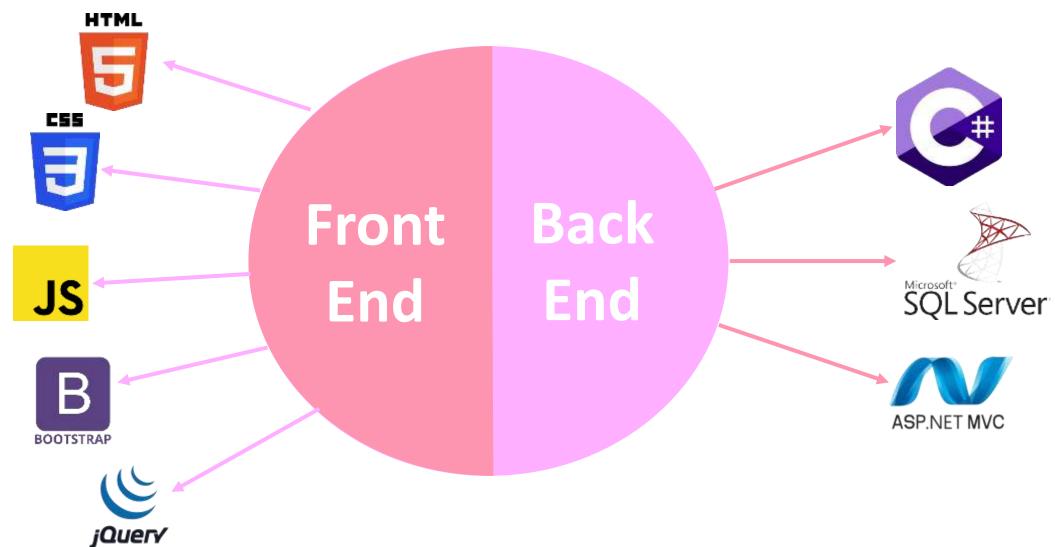
- Introduction
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- Why we used ASP .NET MVC?
- Database Diagram
- Problems/ Requirements
- Installation Guide

Introduction

Introducing the Ice-Cream Website, a visionary project led by Mr. "A," the owner of a celebrated ice-cream parlor. With a dynamic website at its core, the objective is to not only showcase the delectable range of ice creams but also create an interactive platform for enthusiasts to explore the art of dessert creation. Boasting features for both registered and unregistered users, the portal aims to enhance the shop's online presence, facilitate recipe distribution, sell exclusive books, and foster customer engagement through feedback. Key elements include a user-friendly home page, secure registration with subscription options, online ordering of recipe books, an engaging "About Us" section, and an admin dashboard for seamless management. Developed using ASP.NET MVC, Ice-Cream Paradise strives to unite dessert lovers and elevate the joy of ice cream through a captivating online experience.

Technologies Used

This is a full-stack project involving both front-end and back-end technologies.



Why we used ASP .NET MVC?



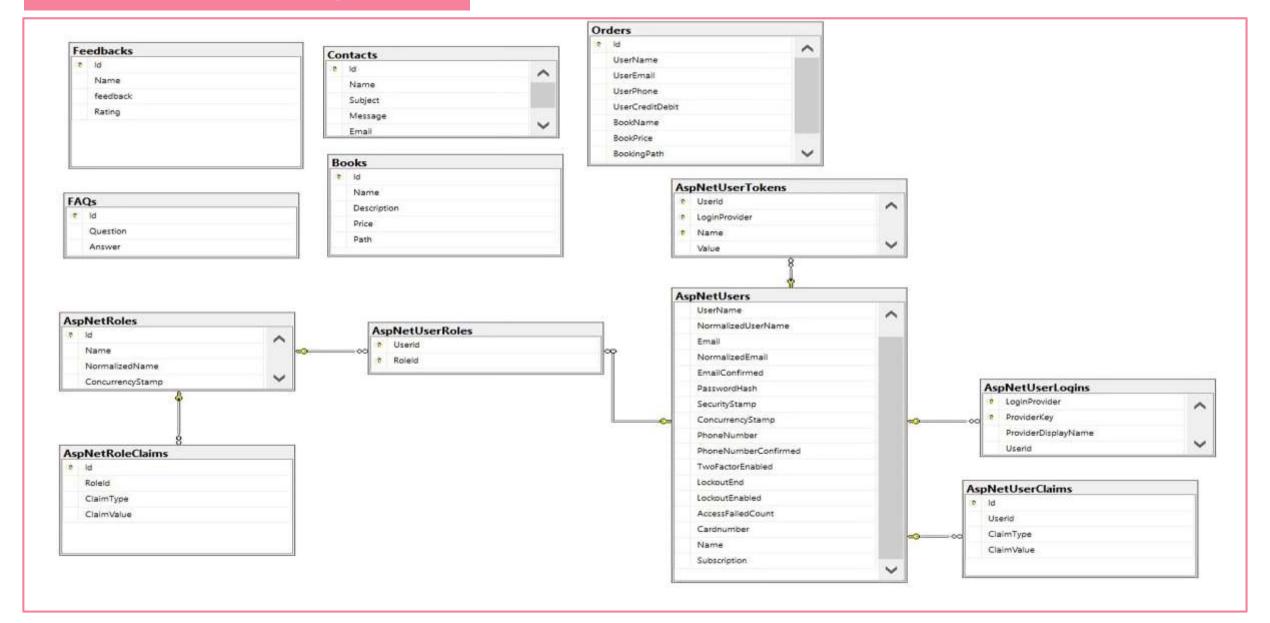
So Why we only used ASP .NET MVC when we had many alternative frameworks?

Benefits of ASP.NET MVC over other alternatives

- ✓ MVC Architecture
- ✓ Optimized for making large and heavy projects/programs
- ✓ Easier Debugging Capabilities
- ✓ Scaffolding Feature allows ready made basic Crud
- ✓ Integrated Security Features
- ✓ Extensive Community and Documentation
- ✓ Flexible Routing System
- ✓ IDE Integration with Visual Studio
- ✓ Built-in Support for Dependency Injection
- ✓ Automatic State Management with TempData



Database Diagram



Problems/Requirements

- 1) Website Structure and Navigation: 1
- 2) User Registration and Login: 2
- 3) Book Ordering System: 3
- 4) Feedback Form: 3
- 5) About Us: 1
- 6) Contact Us: 1
- 7) Registered User Features: 2
- 8) Flavor Details for Registered Users: 2
- 9) Admin Panel: 6
- 10)General Requirements: 3

Total: 24.

1) Website Structure and Navigation:

1.1 Create a home page with menus for home, login, free recipes, contact us, feedback, adding recipe, FAQs, and ordering recipe books.



Feedback



Recipes



FAQ's



Home Page



Books Checkout



User Recipe Submit



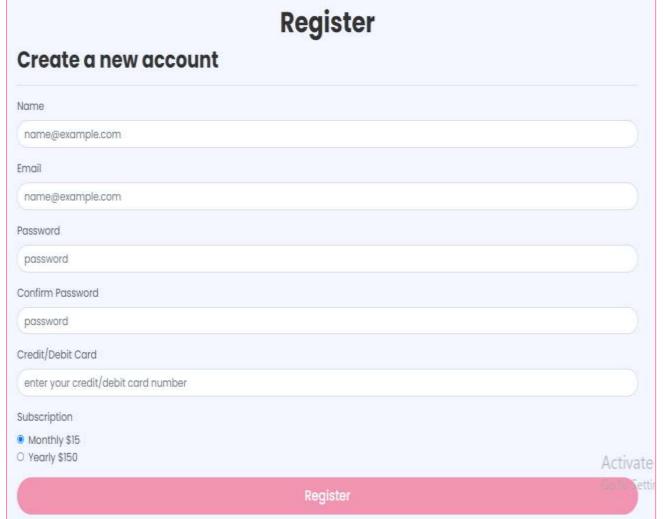
Login Page



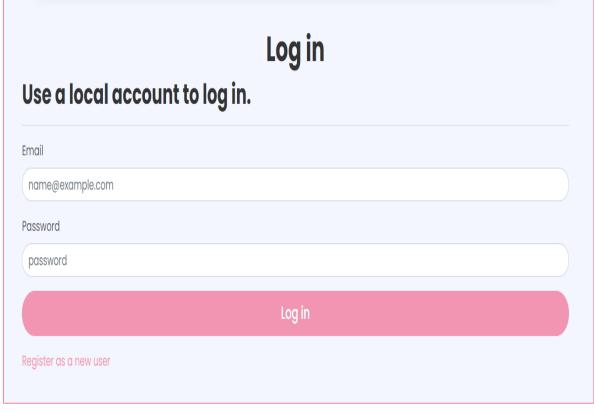
Contact Us

2) User Registration and Login:

2.1 Develop a registration page allowing users to register by making payment(monthly or yearly).



2.2 Implement a login system for registered users with a username and password.

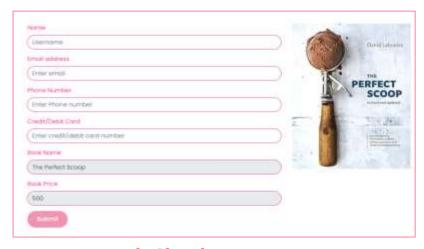


3) Booking Order System:

- 3.1 Design an online order page for books with images, descriptions, and prices.
- 3.2 Collect user details like name, email, contact, address, and payment information securely.
- 3.3 Display a confirmation message after a successful transaction.



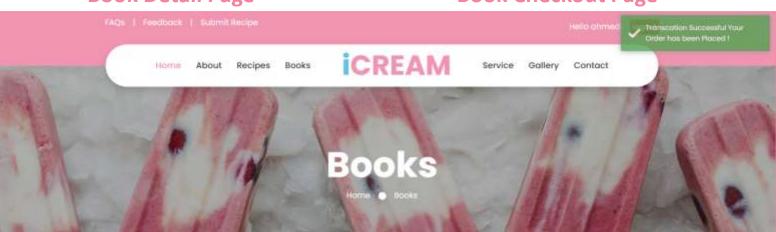




Books Page



Book Detail Page

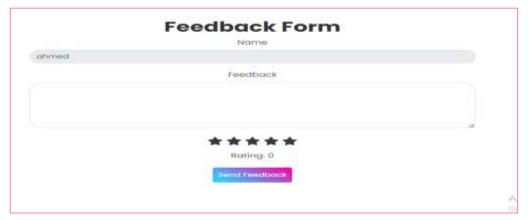


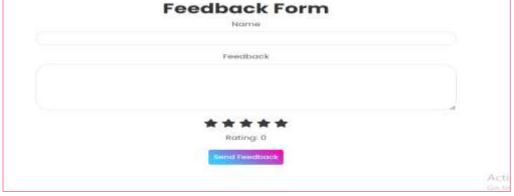
Book Checkout Page For registered user

Toaster Popup on placing order successfully

4) Feedback Form:

- 4.1 Create a feedback form for both registered and unregistered users.
- 4.2 Ensure the form collects valuable feedback and suggestions.
- 4.3 Implement a system to store and view feedback data.





Feedback Form For registered user

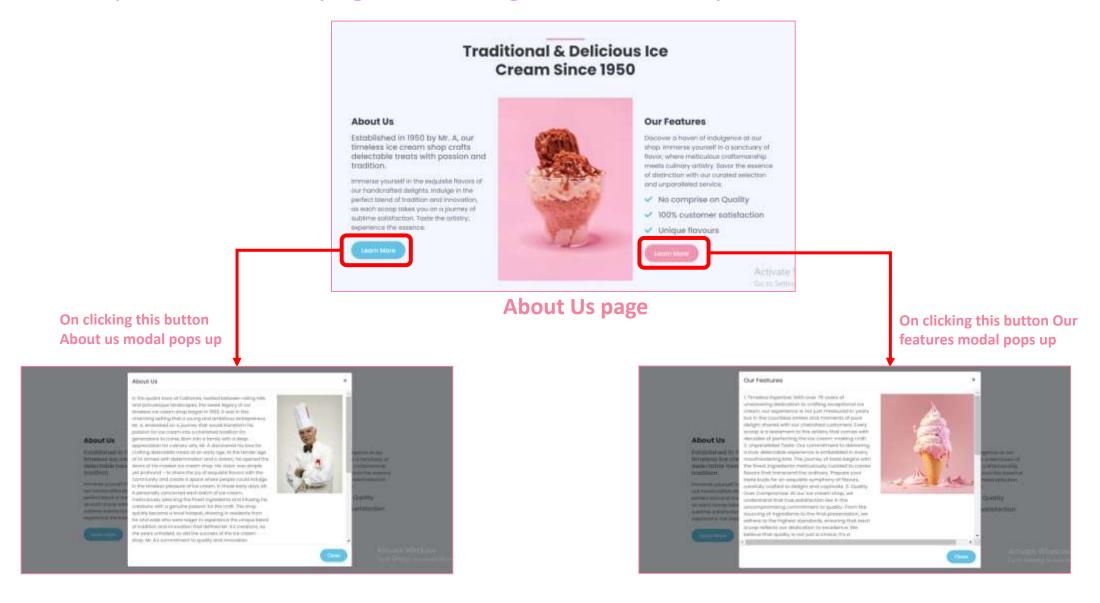
Feedback Form For unregistered user



After user submits feedback the feedback stores in database and all users feedbacks are displayed to admin in admin panel

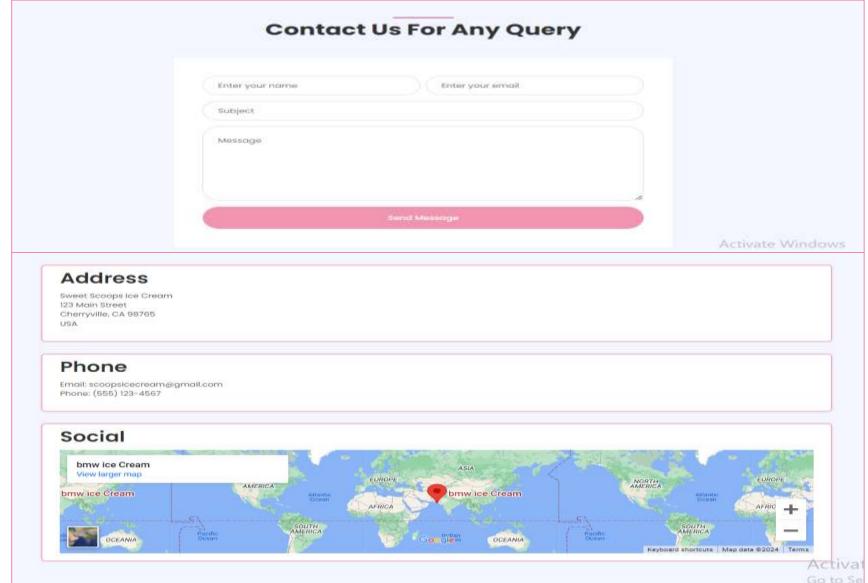
5) About Us:

5.1 Develop an 'About Us' page describing the ice-cream parlor and the owner.



6) Contact Us:

6.1 Design a 'Contact Us' page displaying relevant contact details.



Contact S form with relevant contact details been displaye

7) Registered User Features:

- 7.1 Enable additional features for registered users, such as accessing famous flavors.
- 7.2 Implement links and functionalities specifically for registered users.

8) Flavor Details for Registered Users:

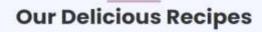
8.1 Enable access to details for flavors mentioned (ingredients, procedure) for registered users.

For Registered Users:

- Registered Users have access to all of the user functionalities including:
 - i. Accessing pro recipes
 - ii. Submitting Recipes

For Unregistered Users:

- Unregistered Users have access to all of the user functionalities excluding:
 - i. Accessing pro recipes
 - ii. Submitting Recipes











Load More

For Registered Users

He could access both

Strawberry Icecream

Descriptions

Propredients 2 (Light heaft streetberless, hubbit street blood Louge granulated super I teological territor base 2 pupil territory streets (may whate milk I exception vanilly extract metractors; frepaid the Drovingries Work and hull the street artist, then also them. into anuali pieces. Place the sicard anawhenes in a bosi and applicate with the ougs of sugar, have the streethernes to cost them. In sugge and set them at the about 16-00 remains, This heighreduces the justice. Move the Browdowns Purver After the Unadersia have expressing transfer them to a literature or load processor. Add lemon juins to the providentes and blenshund. you achieve a smooth purse. Prepare the ice Cream Base In a mining bond, whick together the remaining sugge, heavy cream, milk, and yankla kithoct until the sugar is completely disedved. Condute Straybery Pune with Sope Four the stowbery pulse. mit the ice cream base and all reel to combine. (Intil the Mixture: Coviet the benefit with plantic surge and refrigerate the modure for sit least 2 hours, or swemight. This allows the flavors to most and the misture to chill thoroughly. Churc the los Cream Druk the minture is seef chilled pour it has an low cream maker and thum according to the manufacturer's instructions. The socially losses about 20-25 minutes. Heave the los Colom: Triangle the channel ice cream into a lidded container and freque for an positioned (): 4 hours or until it requires your rientred) completely larve and livery Science the manufacty is a cream into brivits at community impreyour delicious homemostic troof

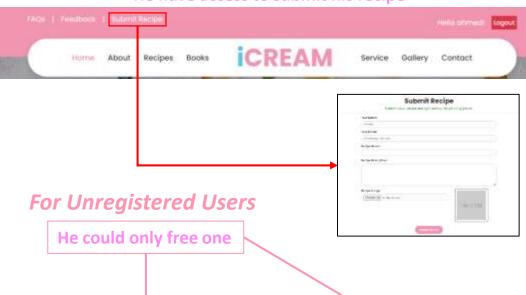


Vanilla Icecream 💎 Description For Rollow Challett Recipies Ingredients: 2 maps Persoy creem Forair whose milk 3/4 cup granutered rugor transrepour pure variety extract froch of selt metructions frequest the tra Colors Basic H. is making total, combine the heavy cheam, whole milk larger. sands into according both at soft. What the ingradients: Egither until the eager is fully stoodwell Chill the Middle: Cover the book with places, wrop and refrigerate the missure for at least 2 hours or everyor, the stay is crucial to ensure a rath chilled Some for the concretent, Church the con Cherges Four the chilled musure lety an electromate maker and abuse according to that menufactures remissions, unlinks for about 20-25 installed Freque the lost Drowns founded the chartest till colors into a Added continuous and house for an additional 2-4 hours or and 8 reaches the desired femous. Serve and Figur School the cardio to a cheart first blook or cores and sower the classic lister, key Adoles Quality Expeditions Use high-quality heavy cream and gum vaniful entract for the best foxer. Chilling finns Allow the loss cream base to chill thoroughly before churning. This enhances The letture cost Royal Churning Proposit Follow the Instructions. of your top cream makes for opprival chaming time. Oweconversing case result in a ton-soft texture, Presoning Time: After structing, let the ire owern firm up in the freeze for a lew fears. to achieve a stoopable consistency. Customication Vanilla ice preom serves as a great base for various min ins like chacalate. chaps, huit, or nootile coumbies.

Horne About Recipes Books ICREAM Service Gallery Contact

For Registered Users

He have access to submit his recipe



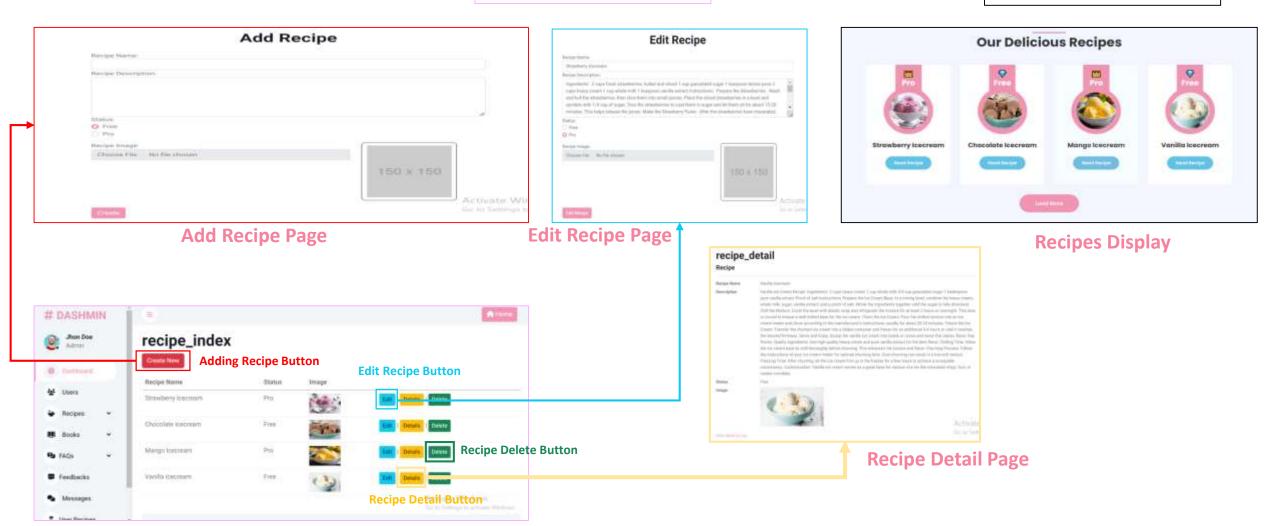
If he tries to access pro recipe he would be redirected to a registration modal popup



8.2 Allow the admin to update and add new flavors and their details.

On Admin Panel

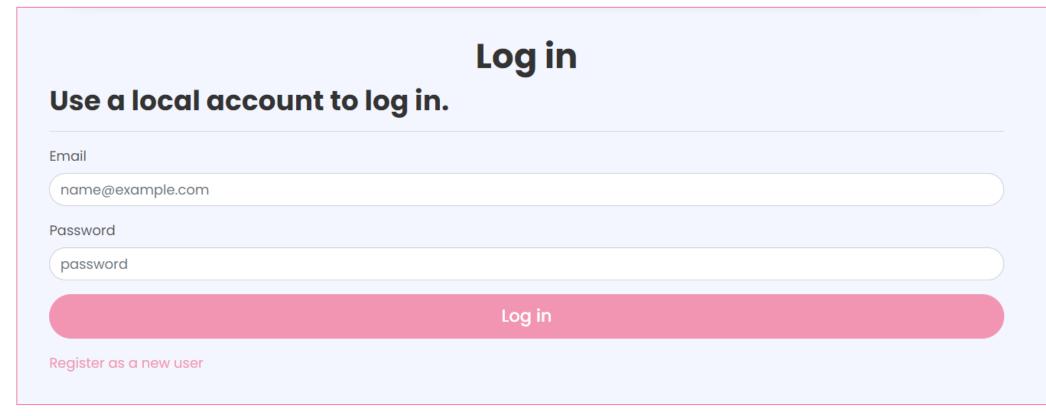
On Website



Recipes List Display

9) Admin Panel:

- 9.1 Create a secure login page for admin access
- 9.2 Enable admin functionalities to add and update recipe details. Already mentioned on previous page



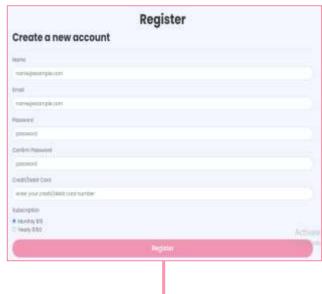
Login Page

9.3 Implement a system to check and manage registered users and their payment details.

On Website

On Admin Panel

1)First of all user will register himself on register page



Users Registered on Monthly Subscription are highlighted with silver color and for Yearly subscription are highlighted with golden color

ld	Name	Email	Subscription	Cardnumber
17ad7692-1c78-4882-a5cc-a84568b823f8	Bilal	bilal@gmail.com	Monthly	5650815467
19c19865-52f4-40c9-84f1-2bd214b2e8f6	Faheem	faheem@gmail.com	Monthly	4372019876
6e7512aa-7653-4bb8-9e00-ac/5ccc5b6c3	Kamran	kamran@gmail.com	Yearly	579045702
e1b/8c9d-49bc-4823-abb4-f023715145bb	ahmed	ahmed@gmail.com	Yearly	5650914359

3)From database the registered users data is getting displayed in list form on user index page

2)As he registers successfully user data goes into the database



	M	UserName	NormalizedUserName	Email	NormalizedEmail	EmailConfirmed	PasawordHash	SeoutlyStamp	ConcurrencyStainp	PhonoNumber	PhoneNumberContinued	TwoFactorEnabled	LucioutEnd 1	.ockoudEnabled	AccessFailedCount	Cardnumber	Name	Subscription
1	17ad7692-1c78-4582-a5cc-a84568082388	blak@gnat.com	BILAL@GMAIL.COM	Dial@gmail.com	BILAL@GMAIL.COM	0	AQAAAAIAAYagAAAAEA5oZv	G4YRHV47Y22NT9Q5OKIOXOY2Z5QL5PR0P	74(36651-d):5-4264-8242-c31687(413:5	NULL	Ď	Ü	MALL	1.	0	5650815467	Bial	Monthly
2	19c19885-5214-40c9-84f1-2bd214b2e8f6	faheem@gmail.com	FAHEEM@GMAIL.COM	fahenin@gmail.com	FAHEEM@GMAIL.COM	0	AQAAAAIAAYagAAAAEEWQ6	JBFIKFNEEFGJRØFVPO4GWGMJFYYWM48	56007p1c-043d-463f-618d-c61kpd673c66	NULL	.0	0	MULL:	1	0	4372019876	Faheem	Monthly
3	6e7512aa-7653-4bb8-9e00-acf5ccc5b6c3	kamran@gmail.com	KAMRAN@GMAIL.COM	kamran@gmail.com	KAMRAN@GMAIL.COM	0	AQAAAAAAAYagAAAAEB203e	B7WWW5XQP2LY17GR5H5QZRECJI7IL5LG	161629c-1231-4233-9884-9046as17xHb3	NAS.	0	0	MAL.	1	0	579045702	Kamran	Yearly
4	aa835eeb-62fb-4187-8008-507bd764787c	admin@admin.com	ADMINIBADMIN COM	admin@admin.com	ADMINIBADMIN COM	0	AQAAAAIAAYaqAAAAEIEmOx	GG7A0REXUMOVORESDISOCW/3RENVIUNE	4665btc5 aldo 45bt 9144-6c786566491	MULL	0	0	MAL	1	0	0	Admin	Lifetime
	e1bf0c9d-49bc-4823-abb4-f023715145bb	the state of the s	the second secon			0	AQAAAAIAAYagAAAAEGCStr	FKT3E0M3EVAZYX3U54F3A:IOWH78F7X	0b466113-70sc4b23-b0sf15c0e7bs1bbc	00000000001	0	0	MALL	1:	0	5650914359	ahmed	Yearly

9.4 Develop features to monitor and update the status of book orders.

Books can be ordered by both Registered and Unregistered Users

On Website



Books Page



On Admin Panel

abba3d96-fb89-4041-a4e4-f240fb95b9a5_1 jpg

50775ef4-ac58-4c37-9d1a-0358488909a9_1 jpg



page

Pending Orders

10

11 ahmed

UserName	UserEmail	UserPhone	BookName	BookPrice	Image	Status	
Hella	hello@igmail.com	1234567890	Salt and Straw	600		Pending	Mark as Complete
Shafiq	shafiq@gmail.com	031234567890	Salt and Straw	600		Pending	Mark as Complete
ahmed	shmed@gmail.com	93000000001	Salt and Straw	600	TANK THE	Pending	Mark on Complete
ahmed	ahmed@gmail.com	G3000000000	Salt and Straw	600		Pending	Mark as Complete

After Checkout Data goes into database with by default status of pending

038570238450

03000000001

hello@gmail.com

ahmed@gmail.com

	10	Osenivanine	CARRICTURE	OSBIFTIONS	Centreduthern	DOOMARISE	DOOKFIICE	pocketigi-atri	20000
- 1	1	Admin	admin@admin.com	64874	0	Satt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2 png	Complete
2	.2	Hello	hello@gmail.com	1234567800	37519845109345	Salt and Straw	600	.7a9577a3-1768-40de-bbcc-25f0c47f8732_2.png	Pending
3	- 3	Faheem	faheem@gmail.com	02756230465023945	4372019876	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2.png	Complete
4	4	Faheem	faheem@gmail.com	8639827364	4372019876	Salt and Straw	600	7a9577a3:1768-40de-bbcc-25f0c47f8732_2.png	Complete
5	5	Fahoons	faheem@gmail.com	8634059234865	4372019876	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2 png	Complete
6	6	Shafiq	shafiq@gmail.com	031234567890	1089465458145	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2.png	Pending
7	7	ahmed	ahmed@gmail.com	03000000001	5650914359	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2.png	Pending
8	8	ahmed	ahmed@gmail.com	03000000001	5650914359	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732_2.png	Pending
9	9	ahmed	ahmed@gmail.com	03000000001	5650914359	Salt and Straw	600	7a9577a3-1768-40de-bbcc-25f0c47f8732-2 png	Pending

The Perfect Scoop 500

The Perfect Scoop 500

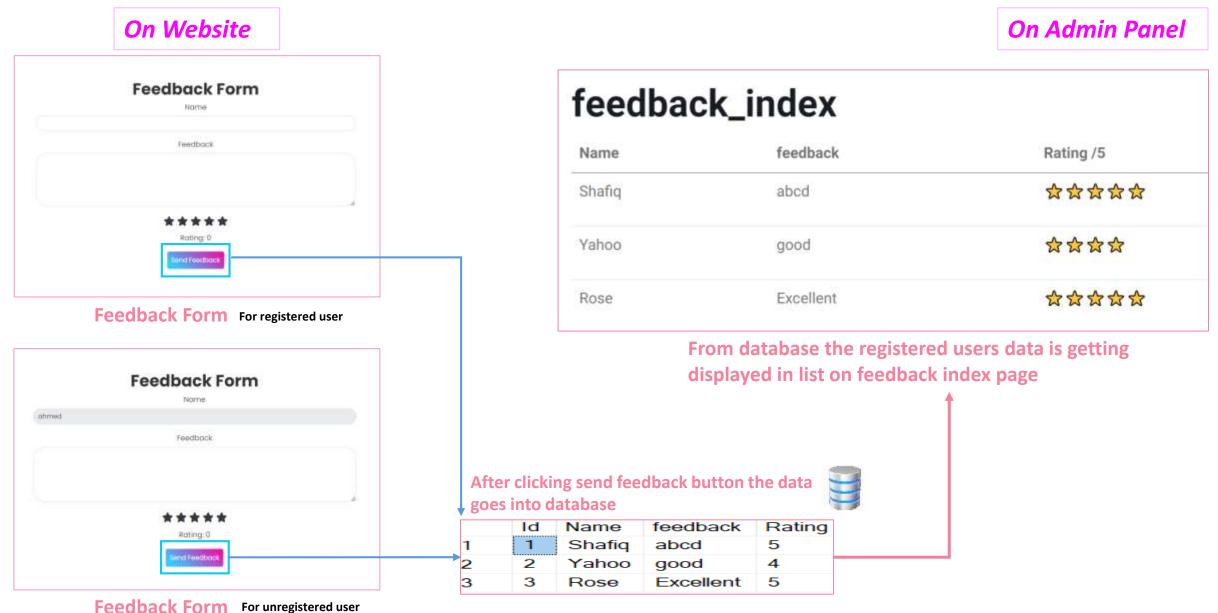
9465209347569

5650914359

After clicking on this button the order status changes from pending to completed and the pending to completed orders page

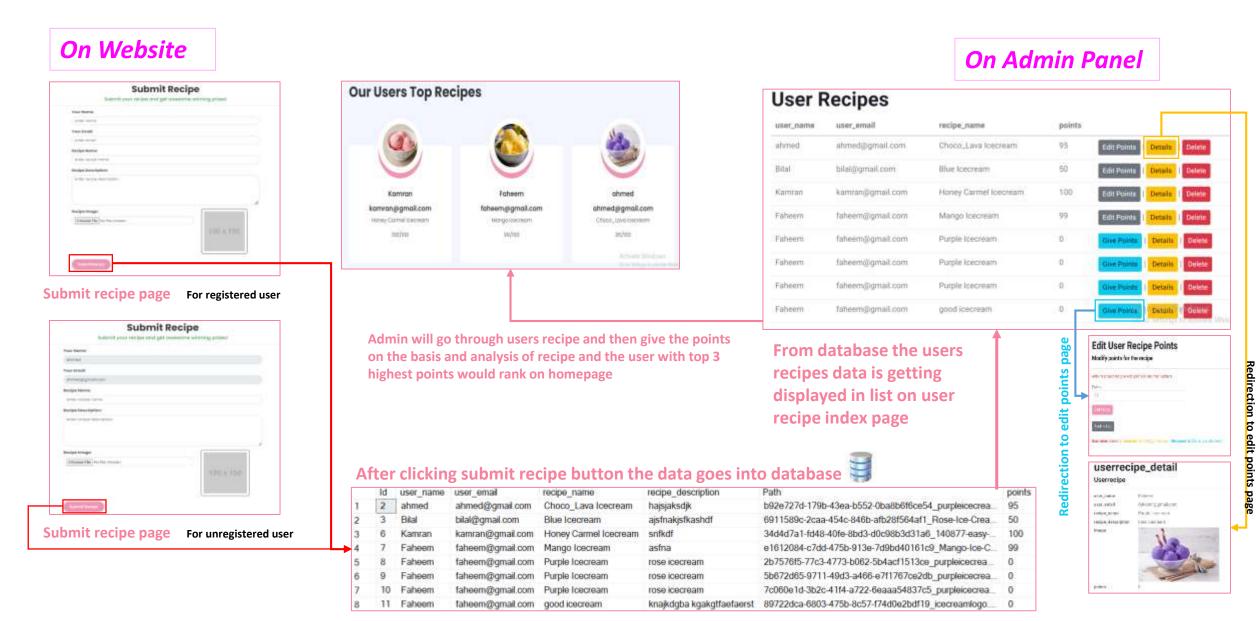
9.5 Implement a module to review and manage user feedback.

Feedback can be given by both Registered and Unregistered users



9.6 Enable the admin to check details of new recipes submitted by users.

Recipes can be submitted by both Registered and Unregistered users



10) General Requirements:

10.1 Ensure the website is user-friendly and responsive.

Our Design is user-friendly and responsive across all screen sizes

Website









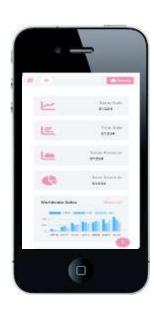
Our Design is user-friendly and responsive across all screen sizes

Dashboard







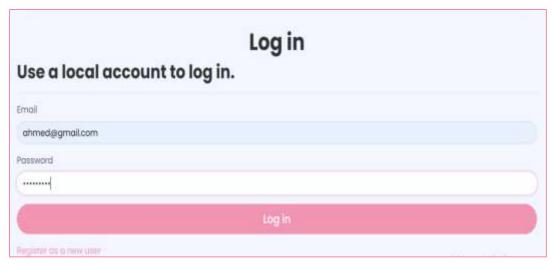


10.2 Implement proper security measures to protect user data.

In our website there are excellent security measures taken to protect user data.



1) In our Database whenever a user registers our changes his/her password the passwords are hashed in database by why hackers and admin could not easily see it or access it even the hackers could not brute force the password. And user id of every user is also hashed.





2) We have kept input type password whenever user login or registers types his password the characters are been hidden from others and are even saved from spyware and if a user want to secure himself from key logger attack so user should always use his mouse to fill up the private credentials.

3) If the User wishes to update his/her password so he could update it easily

10.3 Provide user notifications for successful transactions, feedback submissions, etc.



Feedback send success notification



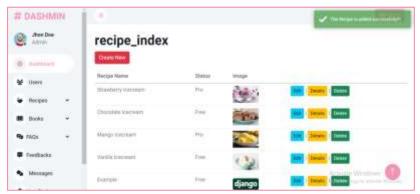
Recipe submit success notification



Message send success notification



Book order placed success notification



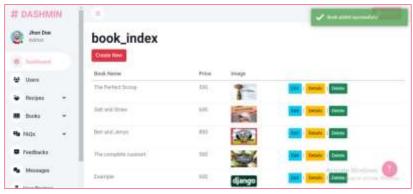
Recipe added success notification



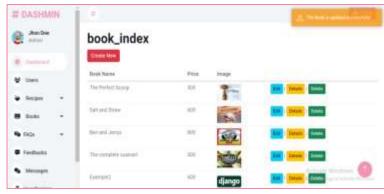
Recipe updated success notification



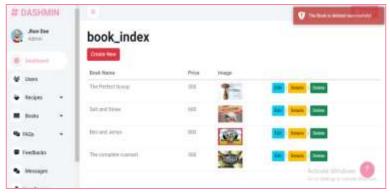
Recipe deleted success notification



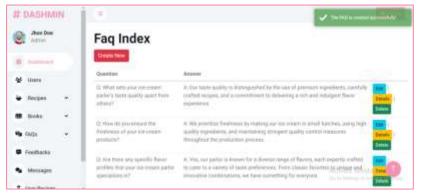
Book added success notification



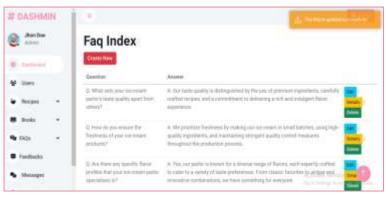
Book updated success notification



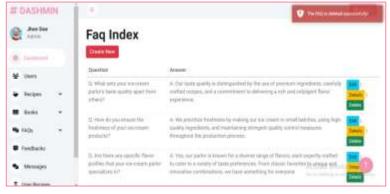
Book deleted success notification



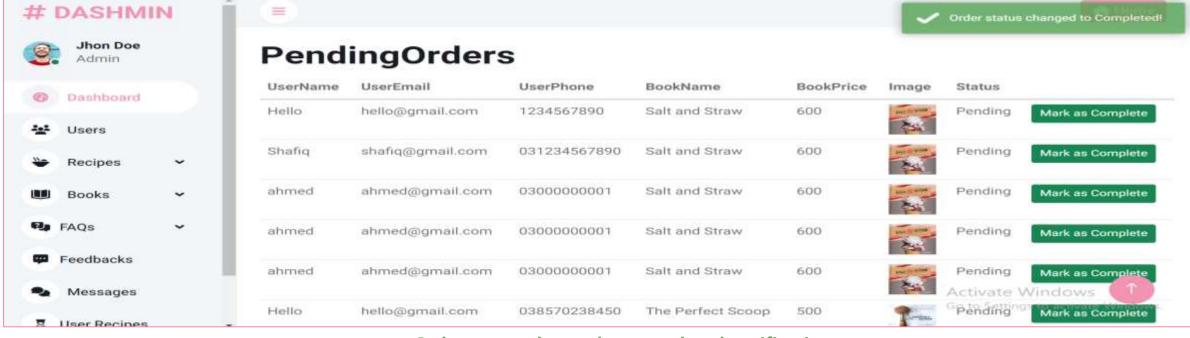
FAQ added success notification



FAQ updated success notification



FAQ deleted success notification



Order status changed to completed notification

Installation Guide

In Order to Install the Project follow these following steps:

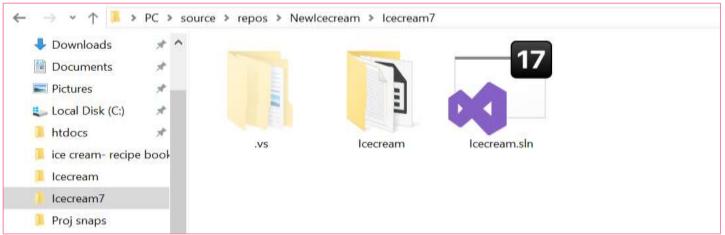
Step1: First of all we need two software's visual studio and sql server management studio



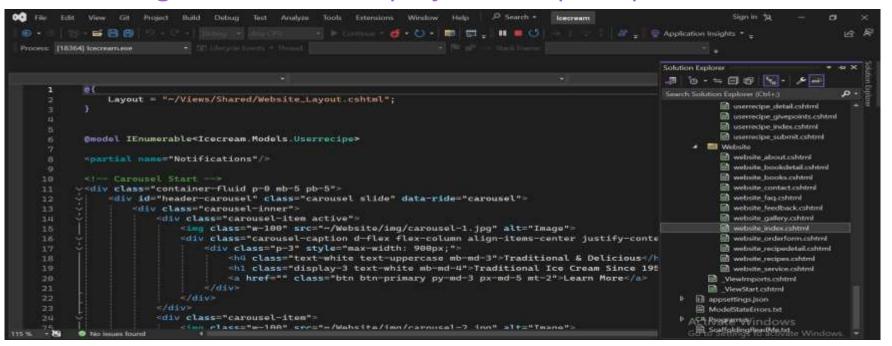
Step2: Download the project from this link below

https://www.mediafire.com/file/wok3m5lu2c6arwh/Icecream.rar/file

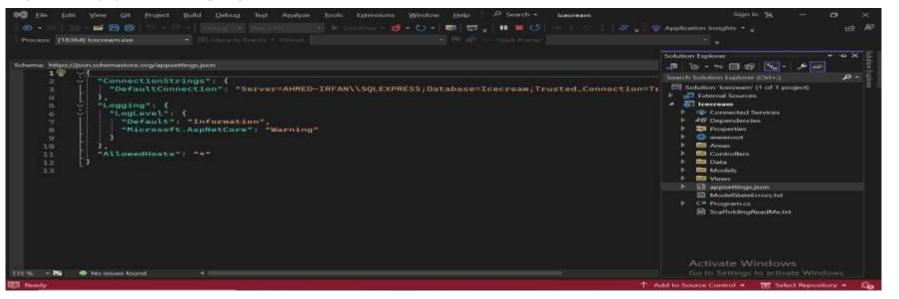
Step3: Then open file and select Icecream.sln



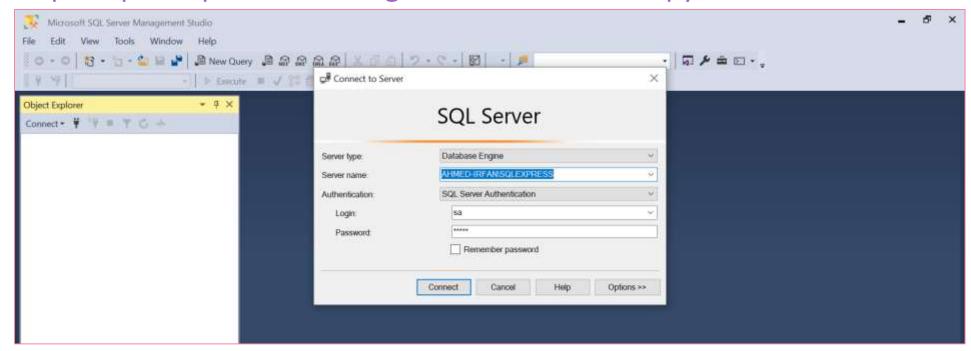
Step4: After clicking on Icecream.sln project will open up in visual studio



Step5: Open appsettings.json



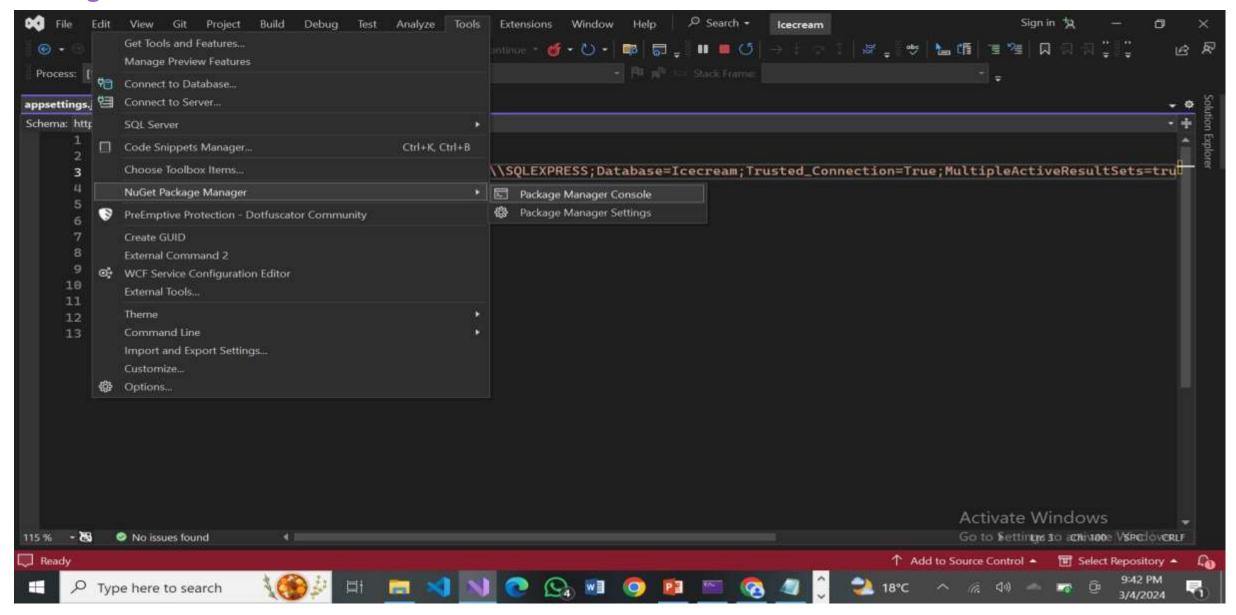
Step6: Open Sql server management studio and copy the server name



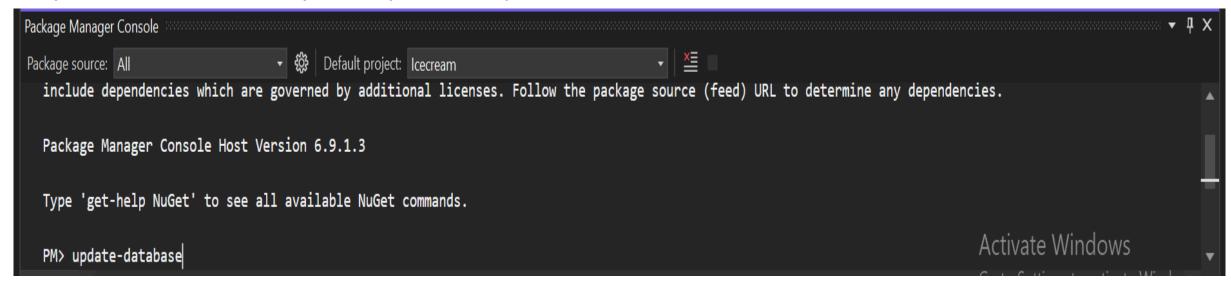
Step7: Now paste the server name in appsetting.json

over here replace your server name

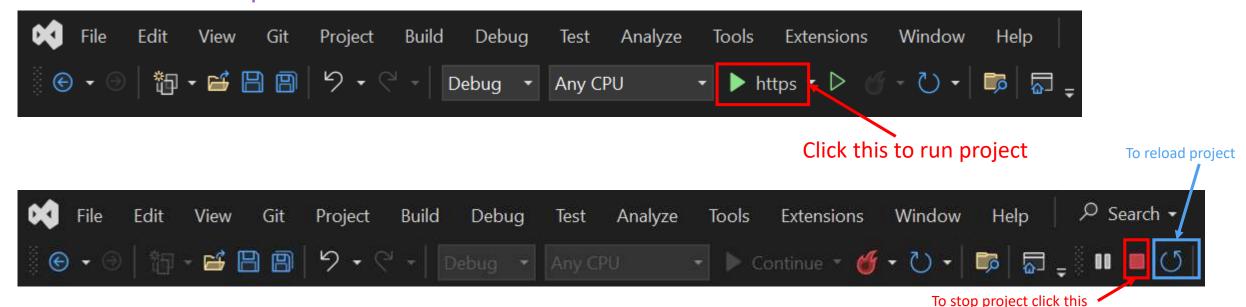
Step8: Now on visual studio and from top select Tools/Nuget Package Manager/Package Manager Console



Step9: After Console opens up write update-database and hit enter



Step10: After it shows build successful in console congrats you are ready to go now you just need to click on https



```
namespace HelloWorld { class Hello {
static void Main(string[] args) {
System.Console.WriteLine("Thank You!");
} }
```