📝 NotesApp

Professional Note-Taking Application with ASP.NET Core 9 MVC

.NET .NET	9.0	C#	12.0	SQL SERVER	LOCALDB

✨ KEY FEATURES

🔒 User Authentication

- Secure Registration & Login
- ASP.NET Core Identity Integration
- Multi-user Data Isolation

🕵️ Incognito Notes

- 4-Digit PIN Protection
- Secure Verification Layer
- Visual Privacy Indicators

📝 Rich Text Editor

- Powered by Quill.js
- Custom Fonts & Hex Colors
- Real-time Formatting

📱 Responsive Design

- Bootstrap 5.3 UI
- Mobile-friendly Layout
- Smooth Transitions

🛠️ TECHNOLOGY STACK

Category	Technology

Framework	ASP.NET Core 9.0 MVC (C# 12.0)
Database / ORM	SQL Server & Entity Framework Core 9.0
Frontend	Bootstrap 5.3, jQuery, Font Awesome 6.4
Editor	Quill.js Rich Text Suite

🚀 QUICK START

1. Setup Database

```
dotnet tool install --global dotnet-ef
dotnet ef migrations add InitialCreate
dotnet ef database update
```

2. Run Application

```
dotnet run
```

Navigate to `https://localhost:5001`

📊 DATABASE SCHEMA (NOTES TABLE)

Column	Type	Description
Id	int	Primary Key
Title	nvarchar(200)	Note title
Content	nvarchar(max)	Rich text content
IsIncognito	bit	Privacy flag
PinCode	nvarchar(4)	Access PIN

⭐ Project Highlights

- **Privacy First:** Secure incognito mode with independent PIN protection.
- **Modern UX:** Clean card-based interface with professional animations.
- **Robust Backend:** Built with the latest .NET 9.0 production-ready standards.

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