

Creating Recurring Subscription Payments



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In This Module



Application Demo

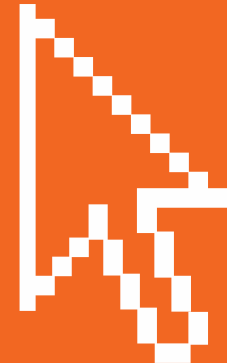
Application Architecture

Plans

Subscriptions

Application Demo

Subscription Payments for SaaS



Database

SQLServer LocalDB

Users

▲	📊	dbo.AspNetUsers
▲	📁	Columns
	🔑	Id (PK, nvarchar(128), not null)
	📄	Email (nvarchar(256), null)
	📄	EmailConfirmed (bit, not null)
	📄	PasswordHash (nvarchar(max), null)
	📄	SecurityStamp (nvarchar(max), null)
	📄	PhoneNumber (nvarchar(max), null)
	📄	PhoneNumberConfirmed (bit, not null)
	📄	TwoFactorEnabled (bit, not null)
	📄	LockoutEndDateUtc (datetime, null)
	📄	LockoutEnabled (bit, not null)
	📄	AccessFailedCount (int, not null)
	📄	UserName (nvarchar(256), not null)
	📄	StripeCustomerId (nvarchar(500), null)
	📄	ActiveUntil (datetime, not null)
	📄	CreditCardExpires (datetime, null)

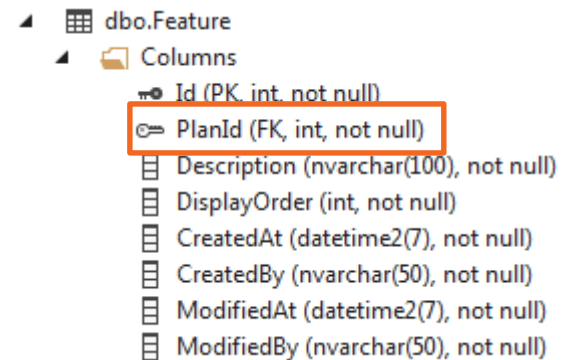
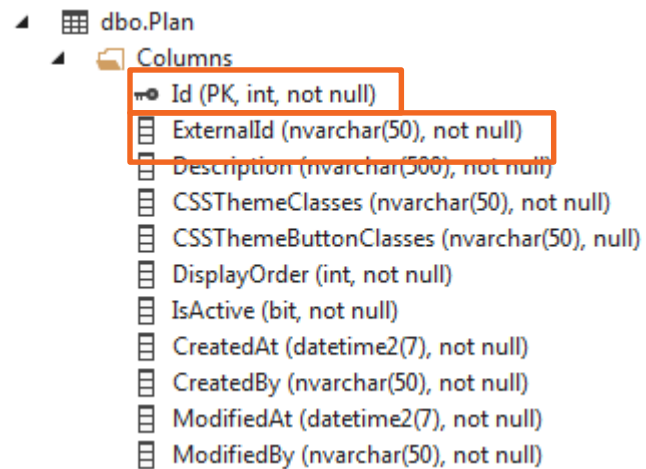
Plans

Plans

BASIC PLAN	PRO PLAN	BUSINESS PLAN
\$10 / month	\$20 / month	\$50 / month
Personal use	Professional use	Business Use
5 projects	20 projects	27/7 support
Email support	Email & Phone support	Unlimited projects
BUY NOW!	BUY NOW!	BUY NOW!

Plans

- One plan has many features



Plans

dbo.Plan [Data]									
Max Rows: 1000									
	Id	ExternalId						DisplayOrder	IsActive
▶	1	basic_plan						1	True
	2	pro_plan						2	True
	3	business_plan						3	True
★	NULL	NULL						NULL	NULL

dbo.Feature [Data]				
Max Rows: 1000				
	Id	PlanId	Description	DisplayOrder
▶	1	1	Personal use	1
	2	1	5 projects	2
	3	1	Email support	3
	4	2	Professional use	1
	5	2	20 projects	2
	7	2	Email & Phone support	3
	8	3	Business Use	1
	9	3	27/7 support	3
	10	3	Unlimited projects	2

Other Tables

Products

Sales (Charges)

Subscriptions

Stripe events

Customers



Database Auditing



Data Access

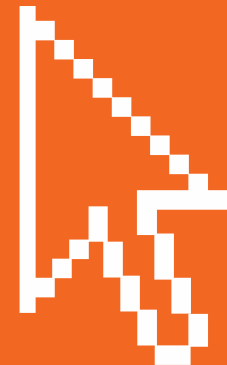
Domain Logic

Unit Testing

Entity Framework, Stripe.NET

Creating Plans

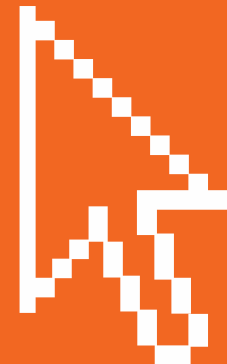
Using the Stripe dashboard



Listing Plans



Create Account



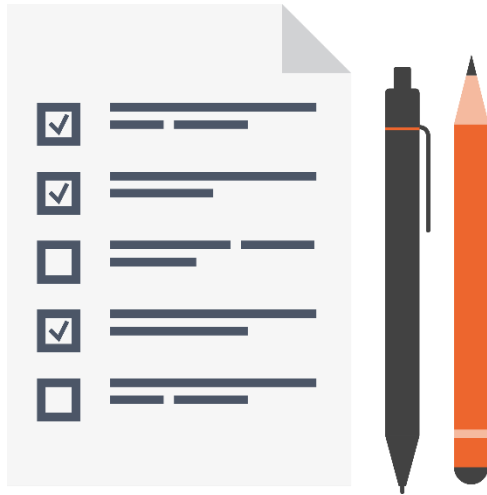
Collect Billing Information



Create Subscription



This Module Covered



Application Architecture

- Database, data access, domain logic, and testing

Plans

- Creating, listing

Subscriptions

- Create account, collect billing information, create subscription