

Code Refactoring Work Completed

EFWE was working off of the original non-refactored repository for a majority of the semester. In order to merge EFEC's refactored "repository pattern" code with EFWE's code, it needed to be refactored onto entity framework and using the repository pattern. After all these files have been refactored and with the help of refactoring from EFWA, this project successfully uses the repository pattern in order to access data in the database.

To learn more information about the repository pattern, visit this website: <https://dev.to/kylegalbraith/getting-familiar-with-the-awesome-repository-pattern--1ao3>.

This means the file needs to be deleted.

For this, the following classes needed to be refactored:

Entities	Data Access	WebAPI	EForT	Business
Account.cs ExternalBankAccount.cs ExternalCard.cs Transaction.cs ExternalSubscription.cs	ExternalCardDb.cs ExternalStripeAccountDB.cs ExternalSubscriptionDB.cs	Controllers - AccountController.cs ExternalCardController.cs ExternalStripeAccountController.cs ExternalSubscriptionController.cs - TransactionController.cs	Controllers StripeController.cs Services - IStripeService.cs - StripeService.cs Views /Stripe/index.cshtml /Stripe/save_plaid_token.cshtml	AccountManager.cs ExternalCardManager.cs ExternalStripeAccountManager.cs ExternalSubscriptionManager.cs TransactionManager.cs

The classes were refactored as follows:

Entities	Data Access	WebAPI	EForT	Business
Account.cs BankAccount.cs (formerly ExternalBankAccount.cs) CreditCard.cs (formerly ExternalCard.cs) StripeCustomer.cs Subscription.cs (formerly ExternalSubscription.cs) Transaction.cs Interfaces - IAccount.cs - IBankAccount.cs - IStripeCustomer.cs - ISubscription.cs - ITransaction.cs	AccountsRepository.cs BankAccountsRepository.cs CreditCardRepository.cs StripeCustomerRepository.cs SubscriptionRepository.cs TransactionRepository.cs Interfaces - IAccountsRepository.cs - IBankAccountsRepository.cs - ICreditCardRepository.cs - IStripeCustomerRepository.cs - ISubscriptionRepository.cs - ITransactionRepository.cs	Controllers - AccountsController.cs (formerly AccountController.cs) - BankAccountController.cs - CreditCardController.cs (formerly ExternalCardController.cs) - StripeCustomerController.cs - SubscriptionController.cs (formerly ExternalSubscriptionController.cs) - TransactionController.cs Services - AccountsService.cs - BankAccountService.cs - CreditCardService.cs - StripeCustomerService.cs - SubscriptionService.cs - TransactionService.cs - Interfaces - IAccountsService.cs - IBankAccountService.cs - ICreditCardService.cs - IStripeCustomerService.cs - ISubscriptionService.cs - ITransactionService.cs	Controllers - AccountsController.cs (formerly StripeController.cs) Services - IStripeService.cs - StripeService.cs Models - AccountsModel.cs - PlaidCallback.cs - PlaidConfigurationModel.cs - StripeConnectAccount.cs - StripeServiceConfigurationModel.cs Views - Accounts/api_response_view.cshtml - Accounts/MyAccounts.cshtml	AccountsManager.cs (formerly AccountManager.cs) BankAccountManager.cs CreditCardManager.cs SubscriptionManager.cs StripeCustomerManager.cs TransactionManager.cs Interfaces - IAccountsManager.cs - IBankAccountManager.cs - ICreditCardManager.cs - IStripeCustomerManager.cs - ISubscriptionManager.cs - ITransactionManager.cs