

Subscriptions

	EFRT-1260 - Refactor subscribing to system services on the back-end	DEV COMPLETE
	EFRT-1751 - Improve user experience and interface for deleting subscriptions	VALIDATED
	EFRT-1750 - Improve user experience and interface for adding subscriptions	VALIDATED
	EFRT-1671 - Allow user to add and delete subscriptions	VALIDATED

Name: [Jasmine Batten](#) [Jonathan Dominguez](#)

Team Member(s): [Jasmine Batten](#) [Mohammed Bhatti](#) [Jonathan Dominguez](#) [Diego Vera](#)

Project: EFEC

Product Owner(s): [Masoud Sadjadi](#)

Mentor(s): [Gianfranco Moreno](#)

Instructor: [Masoud Sadjadi](#)

Description

As a developer, I want the "create a subscription" feature to be integrated within the current project so that the EForT website is up to date with this feature.

Acceptance Criteria:

- Given that a user can access the "Subscriptions" tab in the "My Accounts" page and has already put in their credit card information, when they press the "Subscribe" button and then the "confirm subscription" button, then the user should see a pop-up confirming they have been subscribed.
- Given that a user has confirmed their subscription, when the new subscription information has been sent to the API and turned into an object by the data access layer, then the information should be reflected in the database.

Use Cases

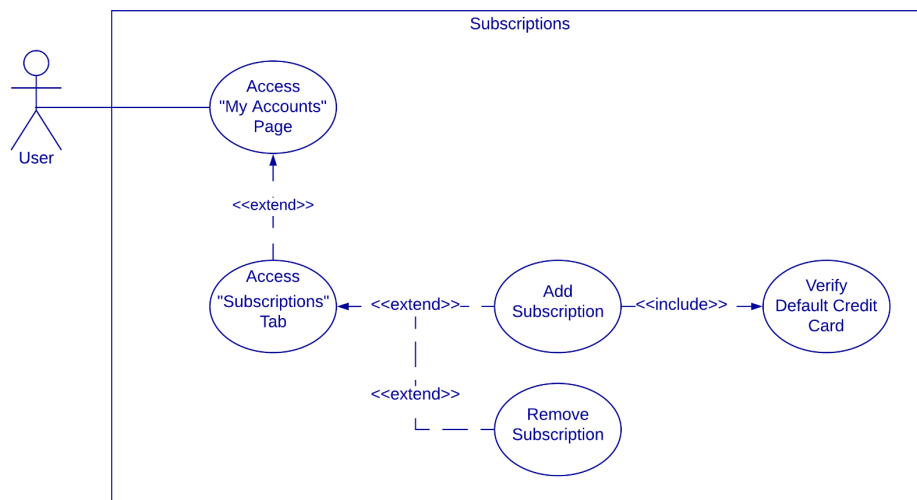
Use Case 1: Create a subscription

- Actor: User
- Preconditions: The User is logged into their account on EForT and has navigated to the My Accounts page. The User has added a credit card to EForT already.
- Description:
 1. The User navigates to the subscription tab and clicks the "Subscribe" button in the "Option" column.
 2. The User sees a pop-up within the current web browser with the title "Start Subscription" regarding the terms and conditions of their subscription.
 3. The User's subscription gets added to the system after clicking "Confirm Subscription".
 4. The User sees a pop-up confirming that their subscription has been created.
 5. The User's subscription is reflected within the "Subscriptions" tab in the "My Accounts" page.

Use Case 2: Delete a subscription

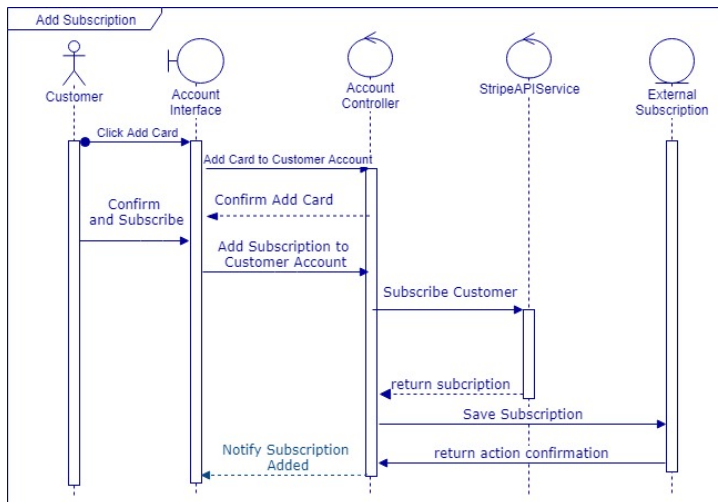
- Name: Delete subscription
- Actor: User
- Preconditions: The User is logged into their account on EForT and has navigated to the My Accounts page. The User has an active subscription already.
- Description:
 1. The User navigates to the subscription tab and clicks the "Unsubscribe" button in the "Option" column.
 2. The User sees a pop-up confirming that their subscription has been ended.
 3. The User's ended subscription is reflected within the "Subscriptions" tab in the "My Accounts" page.

Use Case Diagram

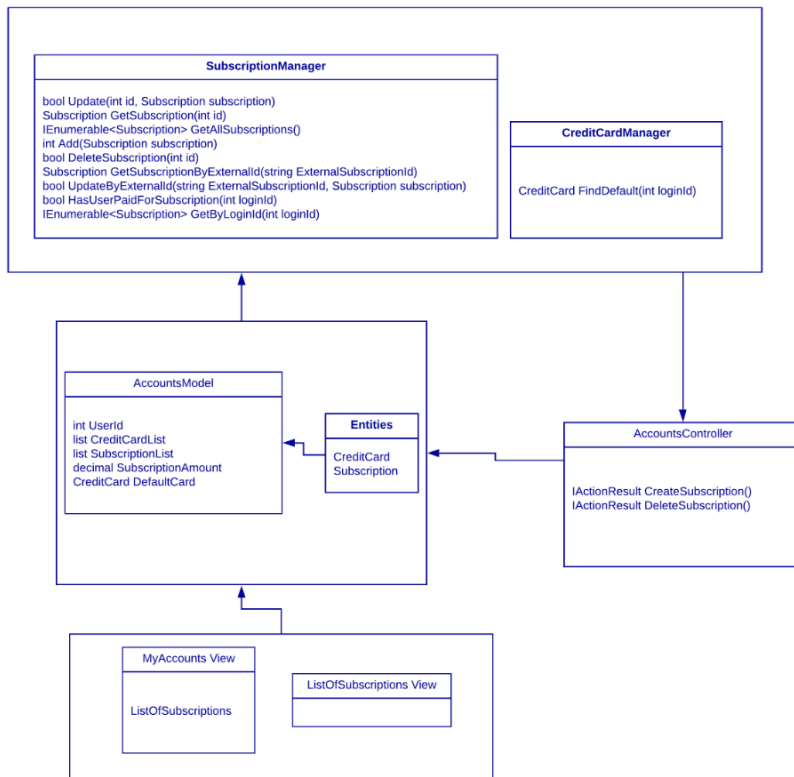


Sequence Diagram

(Created by Rodolfo from Spring 2019)



Class Diagram



Visual User Guide

Adding a Subscription

The screenshot shows the EForT user interface. The top navigation bar includes links for MARKETS, TRADING TOOLS, MARKET ANALYSIS, and EDUCATION. The main content area is divided into tabs: EForT Account, Bank Account, Credit Cards, and Subscriptions. The 'Subscriptions' tab is active, displaying 'Your Credit Cards' and an 'Add A Credit Card' button. Below this is a table with the following data:

Default Card	Nickname	Last Four Digits	Edit Nickname	Default Card Settings	Delete
✓	1111	XXXX-XXXX-XXXX-1111		Remove as default	

1.

EFoRT

MARKETS TRADING TOOLS MARKET ANALYSIS EDUCATION

EFoRT Account Bank Account Credit Cards Subscriptions

Your Credit Cards

Add A Credit Card

Default Card	Nickname	Last Four Digits	Edit Nickname	Default Card Settings	Delete
✓	1111	XXXX-XXXX-XXXX-1111		Remove as default	

2.

EFoRT

MARKETS TRADING TOOLS MARKET ANALYSIS EDUCATION

EFoRT Account Bank Account Credit Cards Subscriptions

Your Subscriptions

Status	Subscription Type	Option
✗	Regular Subscription	Subscribe +

3.

Start Subscription

Amount: \$10/month

Benefits:

- Automatic trading by top performing algorithms
- Fully managed account
- Make money while you sleep
- Trade in all major currencies
- Benefit from better interest rates in other currencies

By clicking the "Confirm Subscription" button you agree to be charged the amount shown above in the frequency described above. Your subscription can be cancelled at any time, but doing so will limit your account's benefits. You will be charged to your default card ending in 1111.

Close Confirm Subscription

4.

localhost:44376 says

Subscription created.

OK

Start Subscription

Amount: \$10/month

Benefits:

- Fully managed account
- Make money while you sleep
- Trade in all major currencies
- Benefit from better interest rates in other currencies

By clicking the "Confirm Subscription" button you agree to be charged the amount shown above in the frequency described above. Your subscription can be cancelled at any time, but doing so will limit your account's benefits. You will be charged to your default card ending in 1111.

Close Confirm Subscription

5.

EFoRT

MARKETS

TRADING TOOLS

MARKET ANALYSIS

EDUCATION

EFoRT Account

Bank Account

Credit Cards

Subscriptions

Your Subscriptions

Status	Subscription Type	Option
✓	Regular Subscription	Unsubscribe

6.

Removing a Subscription

EFoRT

MARKETS

TRADING TOOLS

MARKET ANALYSIS

EDUCATION

EFoRT Account

Bank Account

Credit Cards

Subscriptions

Your Subscriptions

Status	Subscription Type	Option
✓	Regular Subscription	Unsubscribe

1.

localhost:44376 says
Subscription terminated successfully.

OK

EFoRT Account

Bank Account

Credit Cards

Subscriptions

Your Subscriptions

Status	Subscription Type	Option
✓	Regular Subscription	Unsubscribe

2.

0

MARKETS TRADING TOOLS MARKET ANALYSIS EDUCATION

EForT AccountBank AccountCredit CardsSubscriptions

Your Subscriptions

Status	Subscription Type	Option
✕	Regular Subscription	Subscribe +

3.