
Account Information

Overview

The Account Information product integration allows students to view information related to their university account, for example, their account balance.

Vendors

The Account Information product integration is currently supported by the Ellucian Banner (XE) vendor.

User Experience

The following section describes information relating to the user experience for the Account Information product integration.

User Activities

Students select the tile and display their account balance.

User Workflow

A single page application (SPA) with no redirects out of the page (or app).

Authentication

The Account Information product integration requires the user's identifier from the vendor's system. This is obtained with the token based authentication attributes.

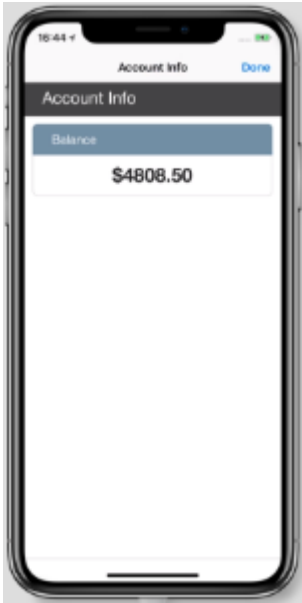
The connection to the vendor is handled as part of the generic API Configuration component (in App Manager, in the product instance). This is found under the Vendor section on the configuration page.

Offline Support

No offline support is provided, since the data would not be current and no data is preferable to inaccurate data.

Screenshots

The following is an example of a screenshot of the Account Information product integration user interface for a reference when configuring it:



Technical Overview

The following section describes technical information for the Account Information product integration.

Supported Versions

Only Ellucian BannerXE is supported. The numbered release is Banner 9.

Note

- Banner 9 is the latest release of Banner.
- XE is an add-on to Banner that allows customers to extend it.
- For all integrations done prior to this product integration, Banner 9 and XE are interchangeable.

Prerequisites

The following prerequisites are required for the Account Information product integration.

- User identifier mapping
 - If you have CMAuth configured, map the relevant vendor ID in the integration profile (Additional Mapping). For example: `bannerId=employeeID`, where `employeeID` is the relevant user attribute on the vendor's backend system.
 - If you have LDAP configured, verify that the relevant attribute is returned as an attribute from the LDAP response.
- Map the relevant vendor ID in the integration profile for the app profile.

Required Format

campusM uses the following API call to fetch the Account Information data:

```
https://{host}/StudentApi/api/account-balances/{userID}
```

The following is an example of a JSON response for the Account Information API:

```
{  
  "balance": 0  
}
```

Configuration

To configure the Account Information product integration, select **Add Product Integration** from the **Product Integrations** main menu option.

Select **Account Information** and the following configuration page appears:

Manage Integration

Enable Product Integration

Check this box to enable Account Information

Product Integration Description*

Description for this Account Information instance

Screen Title

Appears in top header

Look and Feel

Primary Theme Color

Secondary Theme Color

General

General configuration for Account Info

Currency Display

Prefixed to any currency values displayed in this product instance, unless explicitly shown otherwise.

Text/Labels

Text/Labels for Account Info Screens

Page Title

Balance Label

Error Message

Vendor

Vendor Name

BannerXE Vendor

API Configuration

Base URL to retrieve the information

Default: 'https://someHostName'

User Input Identifier

Parameter Input Option

Choose a parameter input option that matches your needs. i.e. Select 'Username' to use the username attribute associated with the end user.

API Authentication

Authentication Type

Account Information Configuration

The following table describes the configuration options available on this page.

Note

Non-mandatory fields are displayed with their default values unless otherwise noted.

Configuration Option	Description	Mandatory	Data Type	Default	Example
Manage Integration					
Enable Product Integration	Select to enable the product integration on the user's campusM app.	No	Checkbox	Unselected	
Product Integration Description	A description of the product integration for internal use	Yes	String		
Screen Title	The title that appears in the top header of the service	No	String		
Look and Feel		No			
Primary Theme Color	Select a color for the main elements on the page	No	Color Picker	#444444	
Secondary Theme Color	Select a color for the secondary elements on the page	No	Color Picker	#6f8ea4	
General					
Currency Display	Used to display the balance returned by the service, if no currency symbol already exists.	No	String	Dollar	
Text / Labels	Enter replacement text for the default titles and labels	No	String		
Page Title	The page title	No	String	Account Info	
Balance Label	Used for the Balance block header.	No	String	Balance	
Error Message	Used for when there is no data and an error is returned from the service.	No	String	Please try again later	
Vendor – This section defines the structure of the APIs used in this product integration.					
Vendor Name	Defines to which vendor the integration connects. The Account Information product integration is currently supported by the Ellucian Banner XE vendor.	Yes	Drop-down list		API

Configuration Option	Description	Mandatory	Data Type	Default	Example
API Configuration This section contains the API details to define the API structure. You can test the API configuration. See Testing API Product Integration Configuration .					
Base URL to retrieve the information	The URL for the API	Yes	URL		https:// /{HOST}
Parameter Input Option		The parameter input option for Banner ID. Possible values: Username, Token Property, and Constant. It is sent as the path parameter.	Yes	Drop-Down list	Token Property
Authentication Type	Authentication type against the web service. The options are the following: <ul style="list-style-type: none"> No Auth Basic - username and password for Base64 basic authentication. 	Yes	Drop-down list		
Import/ Export Configuration You can configure product integration and then export it to another campusM environment, for example, from sandbox to production or from preview to production.					
Export	Create a JSON file with all product integration configuration.	No			
Import	Use this option in order to load configuration from JSON of an exported product integration.	No			