Student Financial Payments and Charges

**Payments & Charges Subject Area**

UDW+ Student Financial Payments and Charges data provides user with the ability to align each payment with a specific charge or vice versa that is posted on an account. Analyses can be created to see which payments posted to which charges on an account for specific types of charges for example such as Tuition, Health Insurance, Fees, Meal Plans, and Housing. In addition, the user will have the capability to see the amount a specific payment paid on the charge (Fact field: Applied Amount), the amount that was sent to the general ledger (GL Assessed Amount), the total payment amount for a specific payment transaction number (Total Payment Amount), and the total charge amount for a specific charge transaction number (Total Charge Amount).

*Note: The Total Payment Amount and Total Charge Amount are both nonaggregatable due to the fact that one payment can apply to multiple charges or one charge can have multiple payments associated with it. If they were to be aggregated the totals would show a misrepresentation of the data because multiple lines would cause the totals to multiply the amount by the number of lines associated with it. (i.e. A total payment amount of $1000 that applies to two charges of $500 would duplicate to a total payment amount of $2000 due to the two charges associated to that one payment which would be incorrect). The purpose of the Total Payment Amount and Total Charge Amount are used to quickly reference the totals for either a specific charge transaction number or a payment transaction number.*

Student Financial Payments and Charges data is updated on a daily basis to identify specific types of transactions that have been processed. The main goal of this subject area is to grant the necessary exposure to payments that have applied to specific charges so that the Bursar’s office has the capability to run their daily reporting duties.

**Tips when creating Adhoc queries using Subject Area**

**Key Folder: Payment Details**

- **Student Org Indicator** – This is the equivalent to SA_ID_TYPE. A value of "P" indicates that it’s a student's id. A value of "O" indicates that it’s an organization's id.
- **Payment Number** - This is a unique identifier for each payment. Just like item number, this is maintained at the student level.
- **Latest Transaction Flag** – A flag that when set to “Y” includes ONLY the Max Effective dated transactions
- **Transaction Effective Date** – Date that is used to determine the max effective dated transactions that is used to create the Latest Transaction Flag logic

**Key Folder: CPP**

*Note: While using CPP information irrespective of Primary Program Flag, there should be a filter Program/Program Code else the data may duplicate.*

**Key Folder: Student Group**

*Note: While using Student Group there should be a filter Student Group/Student Group Code else the data may duplicate.*

**Term Information**

- **Account Term** - Can either be blank or populated with the term of the account the item is posted to. If it is blank, then the item was posted to a non per term account. In the case of a payment type item, this term may be different than the term the item was actually posted to. For example, a payment is posted to term 1108 but it goes and pays a charge on term 1104. The account term would equal 1104 since it paid a transaction in 1104 and the item term would be 1108 since it was posted to term 1108. For charges, the account term will always be the term the item was posted to unless it was posted to a non per term account, then it would be blank.
- **Item Term** - This term field relates directly with the account term. This term field is always populated and always has the value of the term the item was posted to. In our example for the account term where the payment item was posted to 1108 but paid 1104 charges, item term will equal 1108 and account term will equal 1104.

**Additional Key Fields**

- **Item Type** - Every item has an item type, the whole item is based around the item type. What the user or student sees when they view the account is the description of the item type. There are a lot of instances where you will query based on the item type.
- **Item Type Code** - This is a single character value that identifies what type of item it is.
  - C – Charge
  - I – Interest
  - R – Refund
  - A – Application Fee
  - P – Payment
  - D – Deposit
F – Financial Aid
W – Waiver
X – Write Off

Charge/Payment Transaction Number – Equivalent to the item number. Each item posted to the student's account is assigned a unique item number. This field ties the item in this table back to the item in PS_ITEM_XREF table.

Ad-hoc Reporting

Facts that can aggregate:
Applied Amount – The amount the payment paid on the charge.
GL Assessed Amount – This is the amount sent to the G/L. If the amount is not equal to the item amount then that means the item has not fully processed and an adjustment will be made.

Facts that cannot aggregate:
Total Payment Amount – Aggregated total for that payment
Total Charge Amount – Aggregated total for that charge

Reason:
The purpose of the two above fields is for only a reference to the total payment that was processed for that specific person/organization and transaction number. As an example one student has made a total payment of $10000 that payment applies to 3 different payment at $5000, $3000, and $2000 respectively. We do not want to have the original total charge amount sum up 3 different times for a total of $30,000 that would create a false impression.

<table>
<thead>
<tr>
<th>Item Term (Charge)</th>
<th>SIS ID</th>
<th>Total Charge Amount</th>
<th>Item Type ID (Charge)</th>
<th>Charge Transaction Number</th>
<th>Payment Transaction Number</th>
<th>Applied Amount</th>
</tr>
</thead>
<tbody>
<tr>
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<td>000000000000004</td>
<td>000000000000001</td>
<td>$5000</td>
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</tr>
<tr>
<td>Grand Total</td>
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<td></td>
<td></td>
<td></td>
<td>$10,000</td>
</tr>
</tbody>
</table>