**TECHNICAL DESIGN DOCUMENT**

**Automated Bill Payments**

**03/01/2018**

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1. Document Information:

|  |  |
| --- | --- |
| Document Name | **Automated Bill Payments** |
| Document Author | **Anusha Meka** |
| Document Version | 1.0 |
| Document Status | Active |
| Date Released | TBD |

1. **Functional Overview:**

Create Bill Payments every day at scheduled time.

**Flow Chart:**

*No flowchats*

1. **Integration involved:**

*No Integrations Involved*

1. **Detailed Logic Flow:**
   1. When a customer payment is done completely, get that invoice number (the total amount should be equal to amount paid and amount remaining should be zero).
   2. Search for the bill tranid using invoice number. Check if bill is not paid.
   3. Create bill payment if bill is not paid.
   4. Also create custom record Map/ReduceBillPayments to record script time, usage and yield.

**General Technical Specification:**

* 1. **Custom Fields:**

*Instructions: Provide the custom field details used if any*

|  |  |  |
| --- | --- | --- |
| **Field Name** | | **Field ID** |
| [TIME](javascript:void(%22help%22)) | custrecord\_time | |
| [USAGE](https://system.netsuite.com/app/common/custom/bodycustfield.nl?id=618&e=T) | custrecord\_usage | |
| YIELD | custrecord\_yields | |

* 1. **Custom record:**

*Instructions: Provide the custom record details used if any*

|  |  |  |
| --- | --- | --- |
| **Record Type Name** | | **Record Type ID** |
| [Map/ReduceBillPayments](https://system.na2.netsuite.com/app/common/custom/custrecord.nl?id=308&e=T) | customrecord\_summary | |

* 1. **Fee Schedule:**

|  |  |
| --- | --- |
| **Fee Schedule** | **Fee Schedule ID** |

* 1. **Item:**

|  |  |
| --- | --- |
| **Item** | **Item ID** |

* 1. **Custom Lists:**

|  |  |
| --- | --- |
| **List** | **List ID** |
|  |  |

* 1. **Saved Search:**

*No Saved searches involved*

|  |  |
| --- | --- |
| **Save Search Name** | **Save Search ID** |
|  |  |

* 1. **Scripts Used:**

*Instructions: Provide the scripting details used if any*

|  |  |  |
| --- | --- | --- |
| **Script Type** | **Script Name** | **Script ID** |
| MAP/REDUCE | [MAP]VendorBillToPayment | customscript\_mapreduce\_bill\_pay |

* 1. **Role:**

|  |  |
| --- | --- |
| **Name** | **Name ID** |
|  |  |

* 1. **Workflows Used:**

*Instructions: Provide the Workflow details used if any*

|  |  |
| --- | --- |
| **Script Name** | **Script ID** |
|  |  |

* 1. **Templates Used:**

*No templates used*

|  |  |
| --- | --- |
| **Template Name** | **Purpose** |
|  |  |

## Script and Function Details (post development):

* **Script Type 1:** MAP/REDUCE
* **Record Type:** BILL/BILLPAYMENT, [Map/ReduceBillPayments](https://system.na2.netsuite.com/app/common/custom/custrecord.nl?id=308&e=T)
* **Event Type:**
* **Detailed logic flow:**

1. Search for the today’s paid invoice in GETINPUTDATA.
2. Get the values in MAP using

**var** rowJson = JSON.parse(context.value);

invoiceInternalid = rowJson.values['internalid'].value

1. Now check if amount paid equals to amount paid and amount remaining equals zero using

if ((invoice\_amount == invoice\_amountpaid)&&(invoice\_amountremaning == 0.00)).

1. Now search for the bill with tranid as invoice number, open bills if above condition satisfies.
2. Now create vendor payments/ bill payments.
3. Send the email if record fails and create custom record after running script to show usage, time, yields.

## Post Deployment Activities:

*No post deployment activities*

|  |  |
| --- | --- |
| **Script Name** | **Activity** |
|  |  |
|  |  |

1. **Document Change history:**

|  |  |  |  |
| --- | --- | --- | --- |
| Author | **Version** | **Date** | **Description of Changes** |
| Anusha Meka | 1.0 | 01/03/2018 | Document Created |
|  |  |  |  |
|  |  |  |  |