Page Redirection (Cards)

Hi Team,

Welcome on-Board, <mark>**Please read the complete email to understand the process of integration (Page Redirection v1.1).**</mark>

To initiate the integration, kindly signup on the below URL. <mark>Find the sandbox sign up guide in the attachment.</mark>
https://sandbox.jazzcash.com.pk/sandbox

Visit the below link after signup to generate your testing credentials:
https://sandbox.jazzcash.com.pk/Sandbox/Home/GettingStarted#

Once sign up done, then log in and click on sandbox testing left side navbar option and where click on **HTTP POST Redirection V1.1** for code level implementation instructions.

Integration Guide:
- Web Forms to be implemented.
- Request Code to be implemented on the server-side.
- Return should be the same as in the sandbox and in code.
- Parameters to call as per the PHP sample code attached for assistance.
- Transaction Logs can be viewed at following path HTTP Redirection v 1.1 a View Call Logs
- For details related to parameters reference to sandbox documentation.

Suggestion:
- Create a web form at request side to implement JazzCash for PGW Landing.
- Transaction Date Time format as YYYYMMDDHHMMSS
- Transaction Ref No must be unique

Secure Hash Calculation:
Concatenate all parameters from **A-Z** format and join with Integrity Salt to generate **SHA-256 HMAC**. <mark>*Secure hash logic must be written in server-side language (e.g. PHP, C#, etc.).*</mark>

<mark>**For Mobile Application same redirection code will be used in web-view.**</mark>

Testing:

After the configurations, perform few test transactions take the screenshots of the transactions and share the testing results.

- Mobile Account
- Voucher Payment
- Credit/Debit

The below screenshots are needed in testing against each payment method:
- Merchant Checkout page
- Our landing page
- Payment method selection
- Payment
- Payment Response against the attempted payment on the Merchant Callback URL
- Order status from Merchant Admin Panel

Paste all the screenshot as per the attached word file and share the testing results by simply attaching and replying in the same email thread.

In case of any query, feel free to contact us.

Sample PHP CODE for JazzCash Implementation Page Redirection (v1.1):

```php
<?php

// Production/Sandbox Credentials

// $MerchantID   = ""; //Your Merchant from transaction Credentials
// $Password     = ""; //Your Password from transaction Credentials
// $HashKey = ""; //Your HashKey/integrity salt from transaction Credentials
// $ReturnURL    = ""; //Your Return URL, It must be static


// *** for sandbox testing environment
$PostURL =
"https://sandbox.jazzcash.com.pk/CustomerPortal/transactionmanagement/merchantform/";

// *** for production environment
//$PostURL =
"https://payments.jazzcash.com.pk/CustomerPortal/transactionmanagement/merchantform";

date_default_timezone_set("Asia/karachi");
$Amount = 1 * 100; //The last two digits will be treated as decimal, so multiply the product amount by 100 (e.g. 2x100=200).
$BillReference = "billRef"; //use AlphaNumeric only
$Description = "Product test description"; //use AlphaNumeric only
$Language = "EN"; // do not change it
$TxnCurrency = "PKR"; // do not change it
```

```php
$TxnDateTime = date('YmdHis'); // use Pakistan Time Zone GMT+5
$TxnExpiryDateTime = date('YmdHis', strtotime('+3 Days'));
$TxnRefNumber = "T" . date('YmdHis') . mt_rand(10, 100);
$TxnType = "MPAY"; // For card payments
$Version = '1.1';
$SubMerchantID = ""; // Leave it empty
$BankID = ""; // Leave it empty
$ProductID = ""; // Leave it empty
$ppmpf_1 = ""; // use to store extra details (use AlphaNumeric only)
$ppmpf_2 = ""; // use to store extra details (use AlphaNumeric only)
$ppmpf_3 = ""; // use to store extra details (use AlphaNumeric only)
$ppmpf_4 = ""; // use to store extra details (use AlphaNumeric only)
$ppmpf_5 = ""; // use to store extra details (use AlphaNumeric only)

$HashArray = [$Amount, $BankID, $BillReference, $Description, $Language, $MerchantID,
$Password, $ProductID, $ReturnURL, $TxnCurrency, $TxnDateTime, $TxnExpiryDateTime,
$TxnRefNumber, $TxnType, $Version, $ppmpf_1, $ppmpf_2, $ppmpf_3, $ppmpf_4,
$ppmpf_5];

$SortedArray = $HashKey;
for ($i = 0; $i < count($HashArray); $i++) {
    if ($HashArray[$i] != 'undefined' and $HashArray[$i] != null and $HashArray[$i] != "") {

        $SortedArray .= "&" . $HashArray[$i];
    }
}

$Securehash = hash_hmac('sha256', $SortedArray, $HashKey);
?>
<div id="header">
    <form method="post" action="<?php echo $PostURL; ?>" />
    <input type="text" name="pp_Version" value="<?php echo $Version; ?>" />
    <input type="text" name="pp_TxnType" placeholder="TxnType" value="<?php echo
$TxnType; ?>" />
    <input type="text" name="pp_Language" value="<?php echo $Language; ?>" />
    <input type="text" name="pp_MerchantID" value="<?php echo $MerchantID; ?>" />
    <input type="hidden" name="pp_SubMerchantID" value="<?php echo $SubMerchantID;
?>" />
    <input type="password" name="pp_Password" value="<?php echo $Password; ?>" />
    <input type="text" name="pp_TxnRefNo" value="<?php echo $TxnRefNumber; ?>" />
    <input type="text" name="pp_Amount" value="<?php echo $Amount; ?>" />
    <input type="text" name="pp_TxnCurrency" value="<?php echo $TxnCurrency; ?>" />
    <input type="text" name="pp_TxnDateTime" value="<?php echo $TxnDateTime; ?>" />
    <input type="text" name="pp_BillReference" value="<?php echo $BillReference ?>" />
```

```html
    <input type="text" name="pp_Description" value="<?php echo $Description; ?>" />
 <input type="hidden" id="pp_BankID" name="pp_BankID" value="<?php echo $BankID ?>">
    <input type="hidden" id="pp_ProductID" name="pp_ProductID" value="<?php echo
$ProductID ?>">
    <input type="text" name="pp_TxnExpiryDateTime" value="<?php
echo  $TxnExpiryDateTime; ?>" />
    <input type="text" name="pp_ReturnURL" value="<?php echo $ReturnURL; ?>" />
    <input type="text" name="pp_SecureHash" value="<?php echo $Securehash; ?>" />
    <input type="text" name="ppmpf_1" placeholder="ppmpf_1" value="<?php echo
$ppmpf_1; ?>" />
    <input type="text" name="ppmpf_2" placeholder="ppmpf_2" value="<?php echo
$ppmpf_2; ?>" />
    <input type="text" name="ppmpf_3" placeholder="ppmpf_3" value="<?php echo
$ppmpf_3; ?>" />
    <input type="text" name="ppmpf_4" placeholder="ppmpf_4" value="<?php echo
$ppmpf_4; ?>" />
    <input type="text" name="ppmpf_5" placeholder="ppmpf_5" value="<?php echo
$ppmpf_5; ?>" /><br> <br> <br>
    <button id="submit" type="submit">submit</button>
    </form>

  </div>
```

Regards,