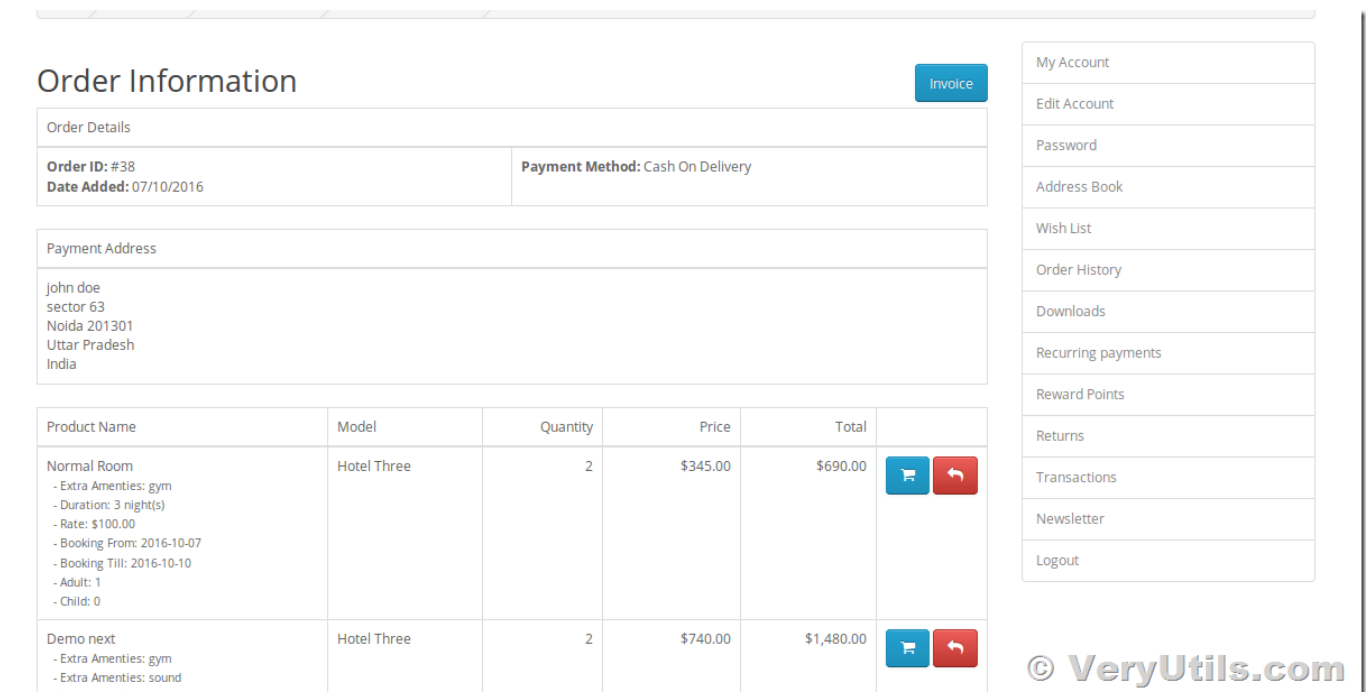


Today we will learn about generating the invoice in PDF using FPDF library. FPDF provides the PHP classes to generate PDF. It may be useful for generate the invoice in PDF, download product description in PDF etc. for e-commerce websites.





First we download the FPDF zip file from the <http://www.fpdf.org/> and upload it on server at root directory.

Then set the PDF generator button at your page as per your requirement. In this case we set the invoice button at order history information for particular order to generate invoice for particular order.



The screenshot shows an 'Order Information' page. At the top right, there is a blue 'Invoice' button. The page is divided into several sections:

- Order Details:** Order ID: #38, Date Added: 07/10/2016, Payment Method: Cash On Delivery.
- Payment Address:** john doe, sector 63, Noida 201301, Uttar Pradesh, India.
- Product Table:**

Product Name	Model	Quantity	Price	Total	
Normal Room - Extra Amenities: gym - Duration: 3 night(s) - Rate: \$100.00 - Booking From: 2016-10-07 - Booking Till: 2016-10-10 - Adult: 1 - Child: 0	Hotel Three	2	\$345.00	\$690.00	 
Demo next - Extra Amenities: gym - Extra Amenities: sound - Extra Amenities: Laundry	Hotel Three	2	\$740.00	\$1,480.00	 

On the right side, there is a 'My Account' menu with options: Edit Account, Password, Address Book, Wish List, Order History, Downloads, Recurring payments, Reward Points, Returns, Transactions, Newsletter, and Logout. The footer contains the text '© VeryUtils.com'.

Then after getting the order details we added the PDF generator code in invoice controller by including the FPDF class file and using it's function.

```
require_once(DIR_IMAGE . '/../fpdf/fpdf.php');
$pdf = new fpdf();
$pdf->AddPage(); //added new page to the document
$pdf->SetFont('Arial','B',16); //set the font-related properties
if($logo) {
    $pdf->Image($logo,20,16,40); // adding the logo to the pdf
}

$pdf->Cell(80); // Move to the right
$pdf->Cell(40,20,'Invoice for Order : #'.$sorder_id);
$pdf->Ln(); // Line break
$pdf->SetFont('helvetica','I',10);
$pdf->Cell(190,7,'Order details',1,2);
$pdf->SetFont('helvetica','',10);
$y = $pdf->GetY(); //ordinate of the current position.
$pdf->MultiCell(95,8,"Order id : #".$sorder_id."\nOrder Status : ".$results[sizeof($results)-1]['status'],'LRB',1); // Text with line break
$x = $pdf->GetX(); //the abscissa of the current position
$pdf->setXY($x+95,$y);
```


Then for iterating the products and total of the order we can iterate the cell of document.

```
$pdf->setFillColor(255,255,255); // For set the background color of cells
foreach($invoice_data['products'] as $key => $value) { // iterating each product of order
    $pdf->Cell(32,10,$value['name'],1,0,'C',1);
    $pdf->Cell(31,10,$value['model'],1,0,'C',1);
    $y = $pdf->GetY();
    if(isset($date_details[$key]))
        $pdf->MultiCell(32,5,$date_details[$key],1,'L',1); // If the cells have text with line breaks
    $x = $pdf->GetX();
    $pdf->setXY($x+95,$y);
    $pdf->Cell(31,10,$value['quantity'],1,0,'C',1);
    if(isset($date_details[$key]))
        $pdf->Cell(32,10,$date_details[$key],1,0,'C',1);
    $pdf->Cell(32,10,$value['total'],1,1,'C',1);
}
foreach ($sorder_totals as $key => $value) { // iterating each total of order like sub-total,tax etc.

    // Cell(width,height,text of cell,border, position after call, center/align text, true/false for cell background, URL) width is require
    // only other filed are optional

    $pdf->Cell(32,10,'',0,0,'C',1); // left the cell as blank.
    $pdf->Cell(31,10,'',0,0,'C',1);
    $pdf->Cell(32,10,'',0,0,'C',1);
    $pdf->Cell(31,10,'',0,0,'C',1);
    $pdf->setFillColor(0,148,197);
    $pdf->setTextColor(255,255,255);
    $pdf->Cell(32,10,$value['title'],1,0,'C',1);
    $pdf->Cell(32,10,$value['text'],1,1,'C',1);
    $pdf->setTextColor(0,0,0);
    $pdf->setFillColor(255,255,255);
}
$pdf->Output(); //Send the file in inline browser
```

Output will be :




Invoice for Order : #38

<i>Order details</i>	
Order id : #38	Payment Method : Cash On Delivery
Order Status : Pending	Date Added : 07/10/2016

<i>Account Information</i>
Name : john doe
Email :

<i>Purchase Information</i>
IP Address : XXXXXXXXXX
Store Name :

<i>Item of Invoice</i>					
Room Name	Hotel Name	Booking Dates	Number of Rooms	Amenties	Total
Normal Room	Hotel Three	From : 2016-10-07 Till : 2016-10-10	2	gym	\$690.00
Demo next	Hotel Three	From : 2016-10-07 Till : 2016-10-09	2	gym,sound,Laundry	\$1,480.00
Sub-Total					\$2,170.00
Total					\$2,170.00



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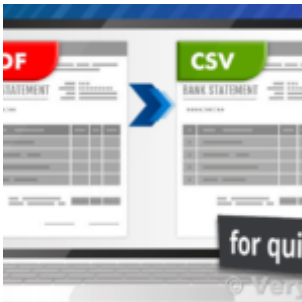
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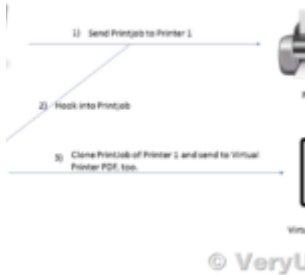
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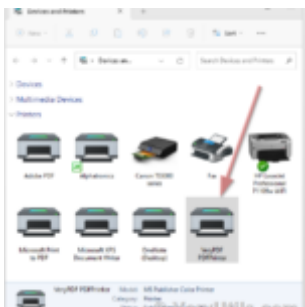
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