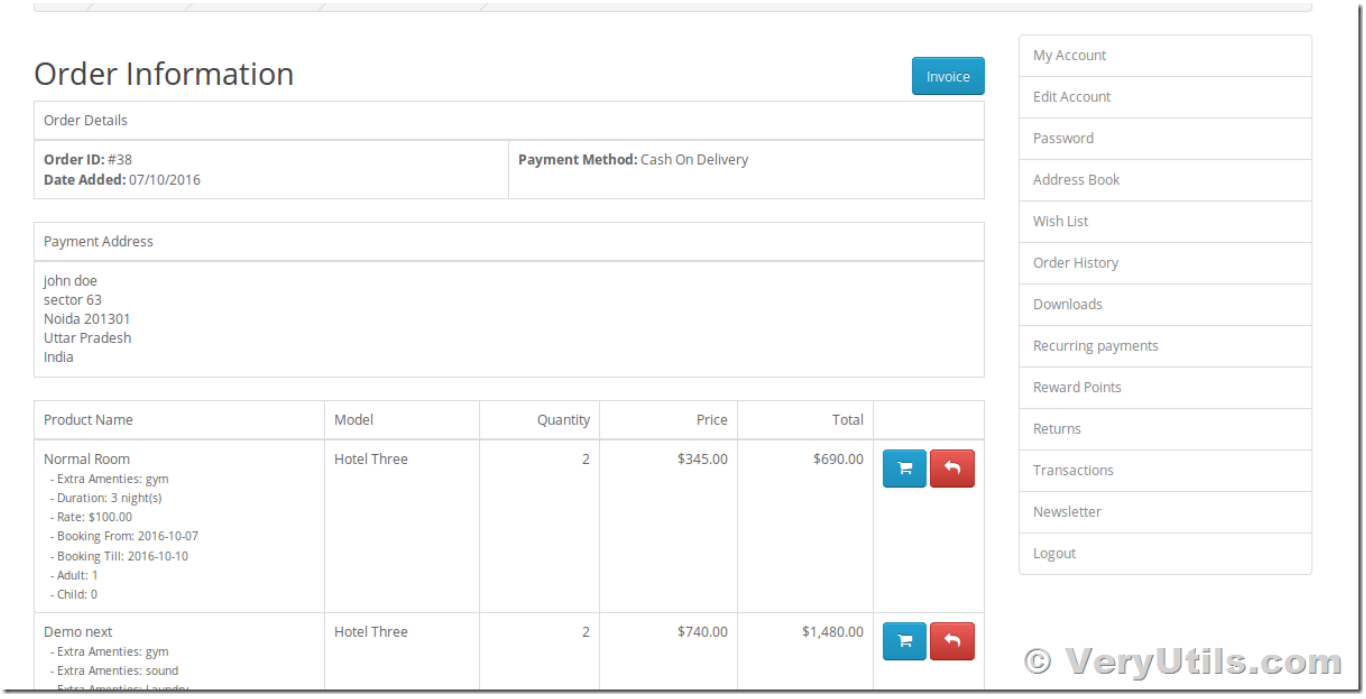
Today we will learn about generating the invoice in PDF using FPDF library. FPDF provides the PHP classes to generate PDF. It may be useful for generate the invoice in PDF, download product description in PDF etc. for e-commerce websites.

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.



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.

```php
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
$pdf->Cell(40,20,'Invoice for Order : #'.$order_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.
$pdf->MultiCell(95,8,"Order id : #".$order_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);
```

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

```php
$pdf->setFillColor(255,255,255); // For set the background color of cells
foreach($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]))
        $pdf->Cell(32,10,$amenties_details[$key],1,0,'C',1);
    $pdf->Cell(32,10,$value['total'],1,1,'C',1);
}
foreach ($order_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
```

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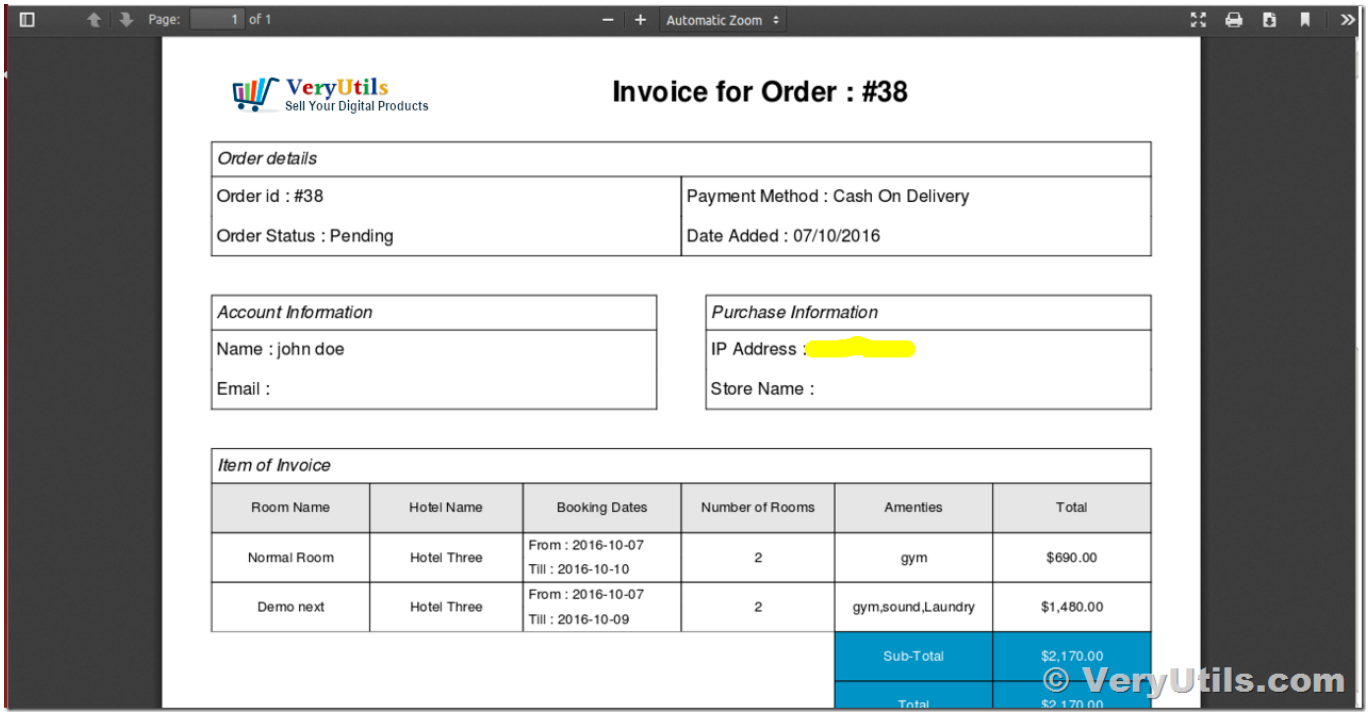
Output will be :



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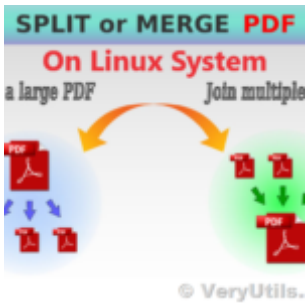

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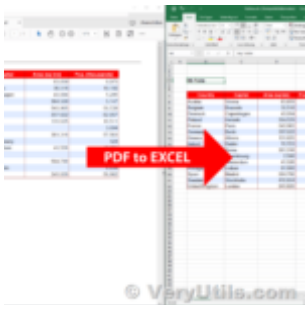

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