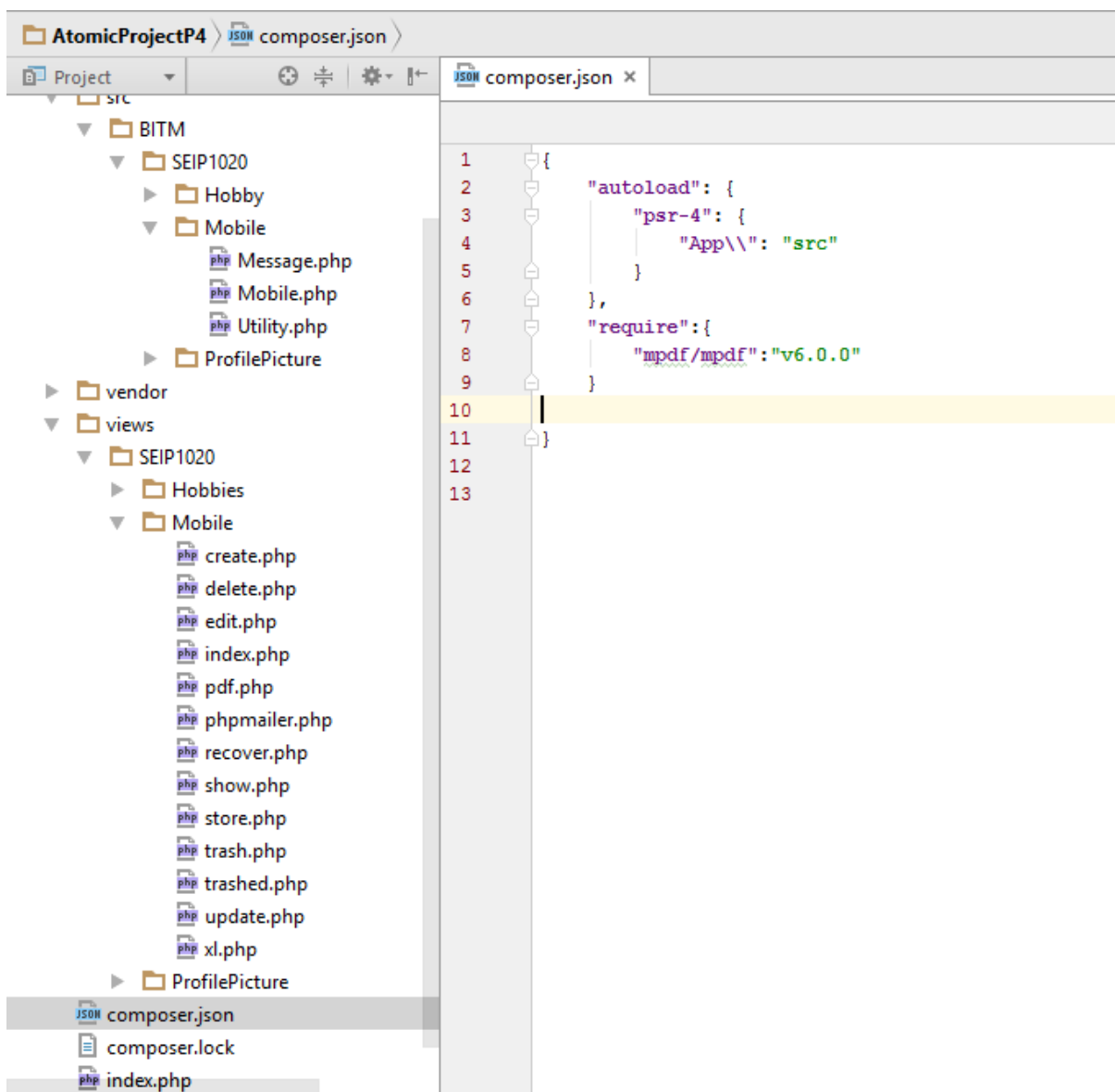


# Third party Libraries

## mPDF

আমরা এর আগে Mobile project এ CRUD operation করেছিলাম। আজকে আমরা দেখবো কীভাবে database এ store করা data গুলোকে php এর third party library use করে pdf file format এ download করবো।

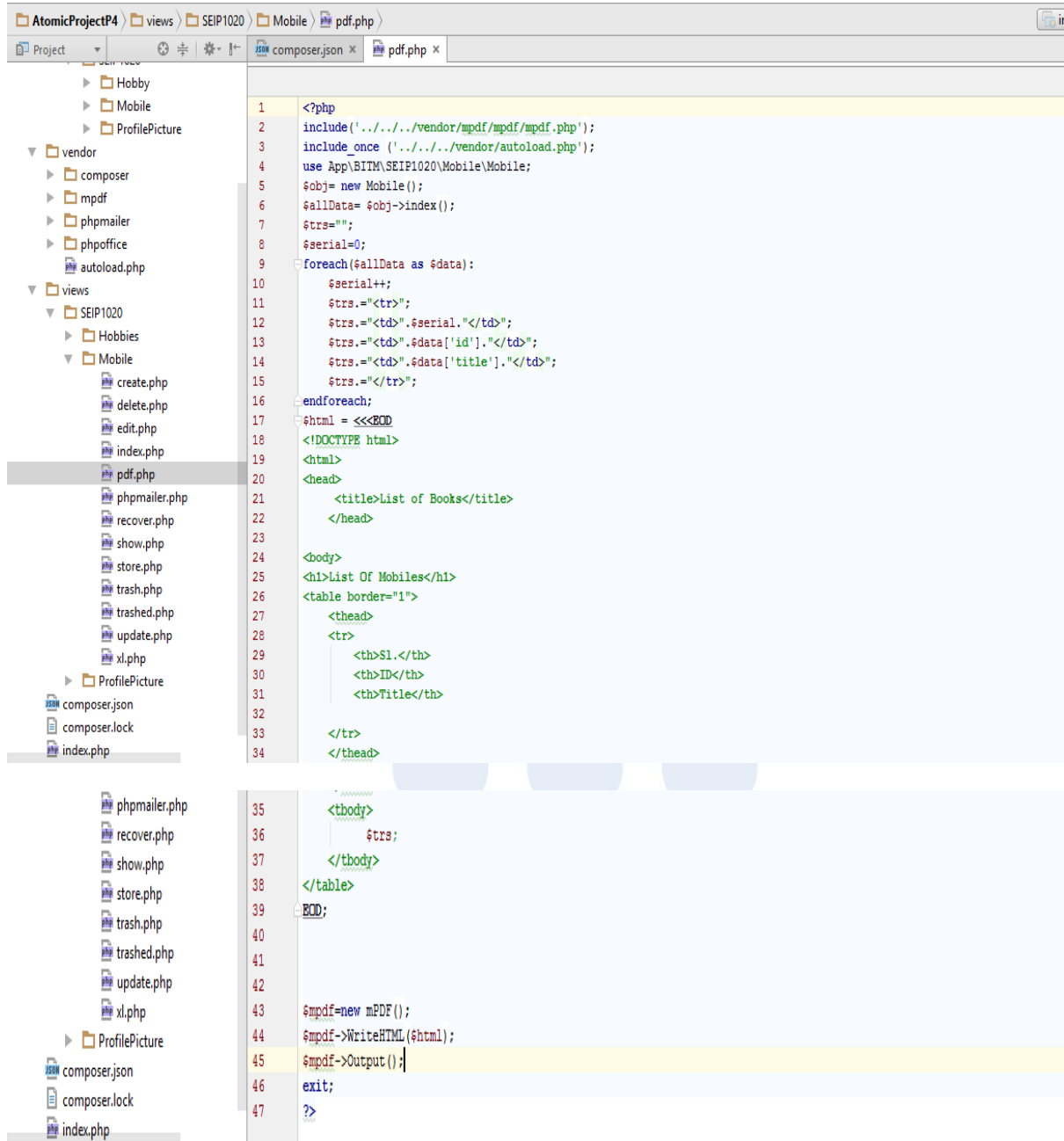
প্রথমে আমরা composer.json file open করবো এবং কিছু code add করবো।



এরপর আমরা project folder এ গিয়ে command prompt open করবো এবং composer update দিবো।

কিছুক্ষণ পর দেখব আমাদের project এর vendor folder এর ভিতর mpdf নাম এ একটি folder তৈরি হবে।

এখন আমরা views/SEIP1020/Mobile folder এর ভিতর এ pdf.php নাম এ একটি ফাইল বানাবো এবং  
ঐ ফাইল এ নিচের মত কোড গুলো অ্যাড করবো।

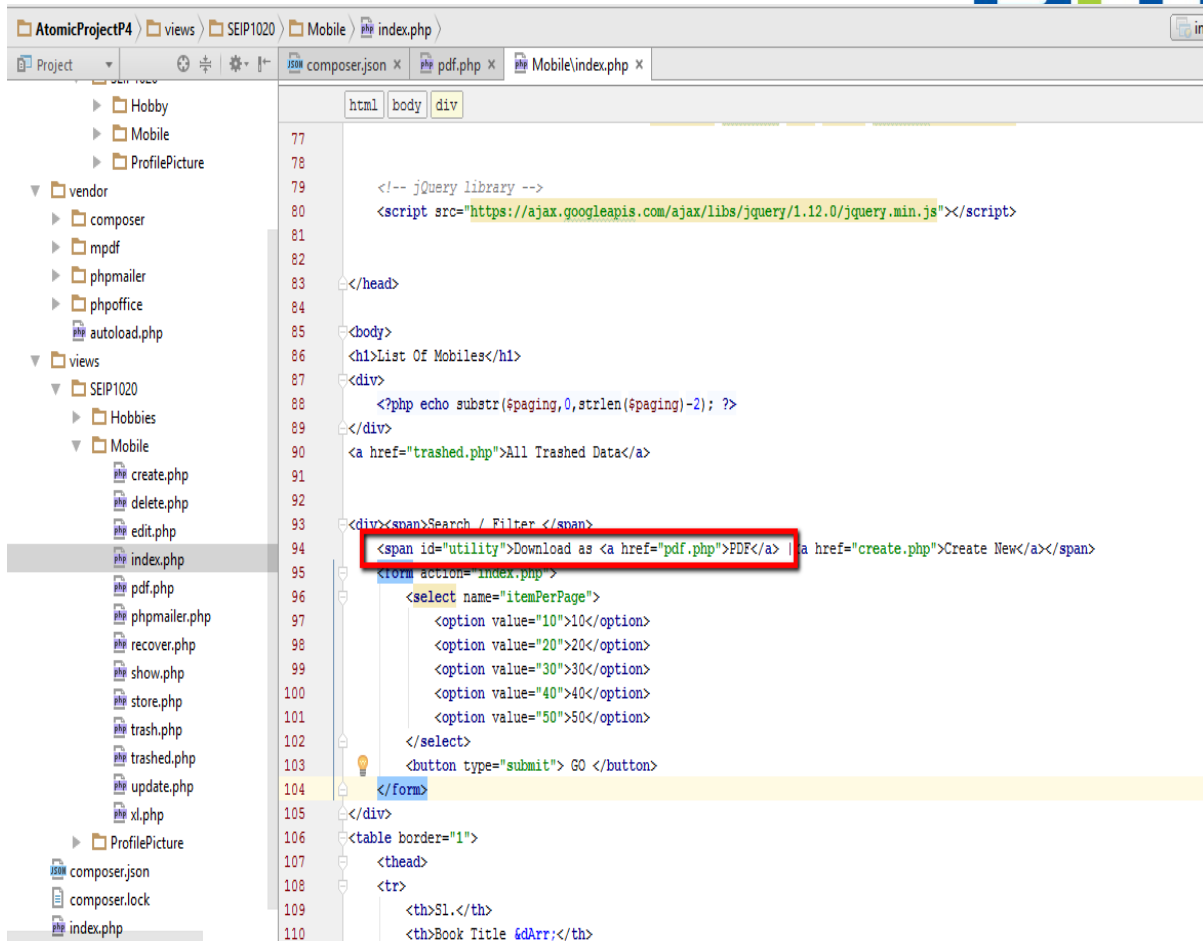


```

1 <?php
2 include('../../vendor/mpdf/mpdf/mpdf.php');
3 include_once ('../../vendor/autoload.php');
4 use App\BITM\SEIP1020\Mobile\Mobile;
5 $obj= new Mobile();
6 $allData= $obj->index();
7 $trs="";
8 $serial=0;
9 foreach($allData as $data):
10     $serial++;
11     $trs.="<tr>";
12     $trs.="<td>".$serial."</td>";
13     $trs.="<td>".$data['id']."</td>";
14     $trs.="<td>".$data['title']."</td>";
15     $trs.="</tr>";
16 endforeach;
17 $html = <<<BOD
18 <!DOCTYPE html>
19 <html>
20 <head>
21     <title>List of Books</title>
22 </head>
23
24 <body>
25 <h1>List Of Mobiles</h1>
26 <table border="1">
27     <thead>
28     <tr>
29         <th>Sl.</th>
30         <th>ID</th>
31         <th>Title</th>
32     </tr>
33     </thead>
34
35     <tbody>
36         $trs;
37     </tbody>
38 </table>
39 <BOD;
40
41
42
43 $mpdf=new mPDF();
44 $mpdf->WriteHTML($html);
45 $mpdf->Output();
46 exit;
47 ?>

```

এখন আমরা index.php file এ যাব এবং কিছু কোড অ্যাড করবো।



```

77
78
79 <!-- jQuery library -->
80 <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"></script>
81
82
83 </head>
84
85 <body>
86 <h1>List Of Mobiles</h1>
87 <div>
88 <?php echo substr($paging,0,strlen($paging)-2); ?>
89 </div>
90 <a href="trashed.php">All Trashed Data</a>
91
92
93 <div><span>Search / Filter</span>
94 <span id="utility">Download as <a href="pdf.php">PDF</a> | <a href="create.php">Create New</a></span>
95 <form action="index.php">
96 <select name="itemPerPage">
97 <option value="10">10</option>
98 <option value="20">20</option>
99 <option value="30">30</option>
100 <option value="40">40</option>
101 <option value="50">50</option>
102 </select>
103 <button type="submit"> GO </button>
104 </form>
105 </div>
106 <table border="1">
107 <thead>
108 <tr>
109 <th>Sl.</th>
110 <th>Book Title &ldArr;</th>

```

এখন আমরা browser এ যাবো এবং index page এর ডাটা গুলোকে pdf file format এ ডাউনলোড করবো।

## List Of Mobiles

1 | 2 | 3

All Trashed Data

Search / Filter Download as PDF | XL | Email to friend | Create New

10 ▾

GO

Sl.	Book Title	Action
1	hi	Edit   Delete Delete2   Trash   Email to Friend
2	hi	Edit   Delete Delete2   Trash   Email to Friend
3	hi	Edit   Delete Delete2   Trash   Email to Friend
4	hello	Edit   Delete Delete2   Trash   Email to Friend
5	hello	Edit   Delete Delete2   Trash   Email to Friend
6	he	Edit   Delete Delete2   Trash   Email to Friend
7	helll	Edit   Delete Delete2   Trash   Email to Friend

Click here

পেজটি output হিসাবে নিচের ছবির মত একটি পেজ দেখাবে।

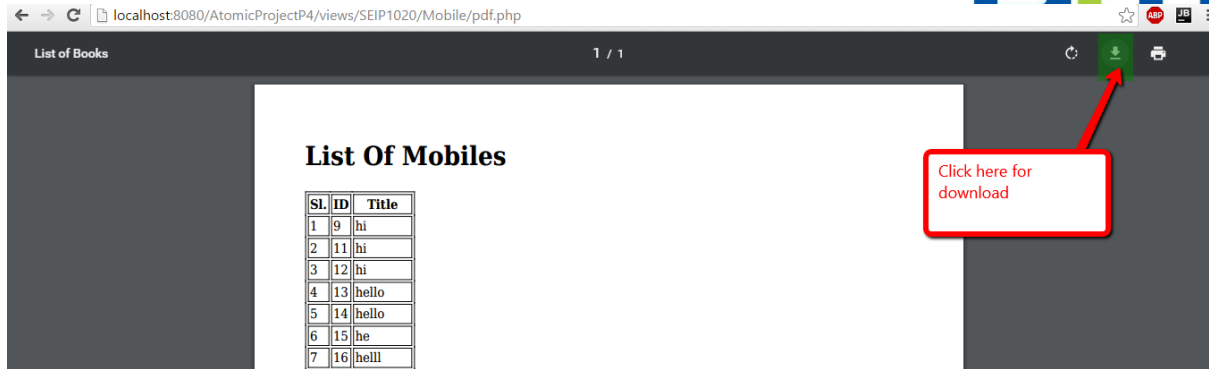
localhost:8080/AtomicProjectP4/views/SEIP1020/Mobile/pdf.php

List of Books 1 / 1

### List Of Mobiles

Sl.	ID	Title
1	9	hi
2	11	hi
3	12	hi
4	13	hello
5	14	hello
6	15	he
7	16	helll

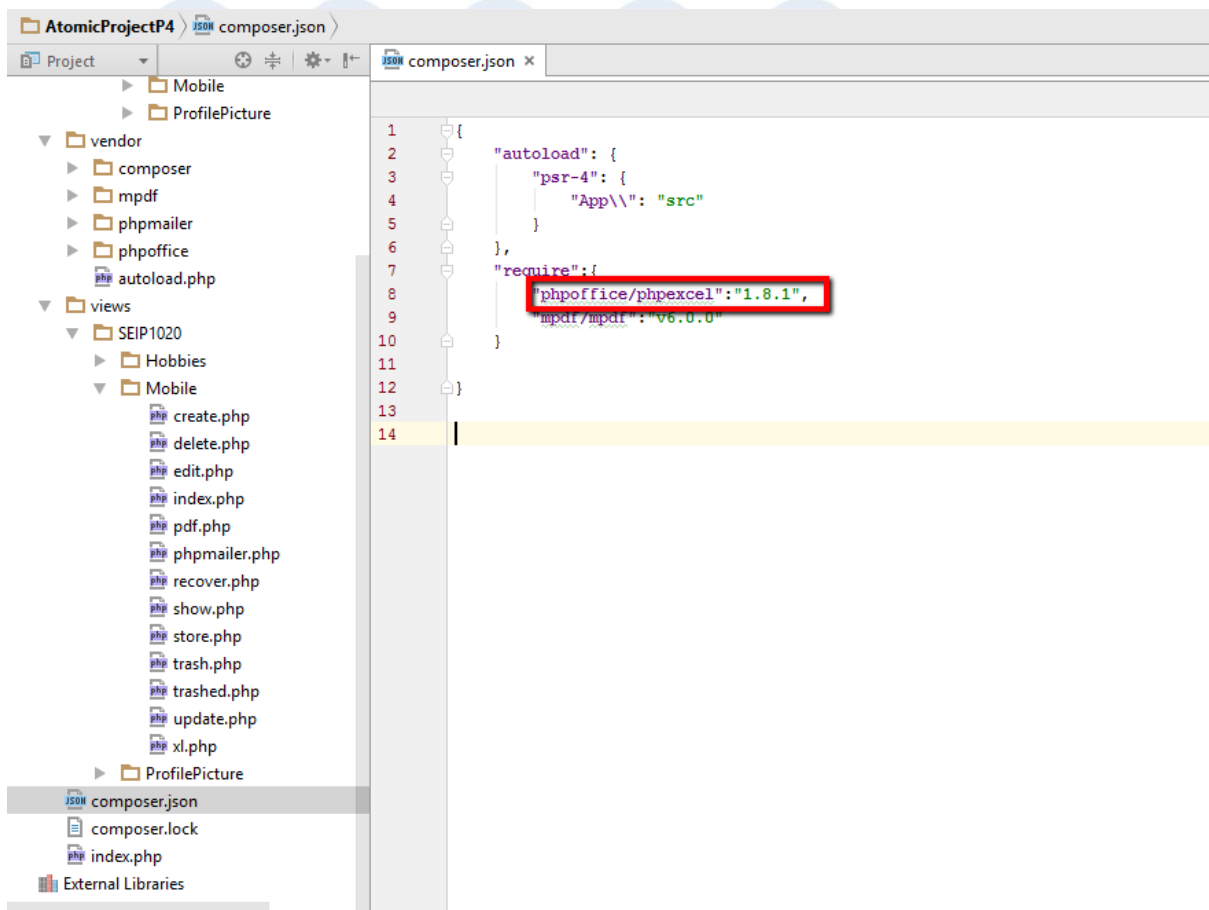
এখন আমরা যদি পেজটাকে download করতে চাই তাহলে ডাউনলোড বাটন এ ক্লিক করবো।



## Phpoffice/phpExcel

আমরা এর আগে Mobile project এ CRUD operation করেছিলাম। আজকে আমরা দেখবো কীভাবে database এ store করা data গুলোকে php এর third party library use করে xl file format এ download করবো।

প্রথমে আমরা composer.json file open করবো এবং কিছু code add করবো।



এরপর আমরা project folder এ গিয়ে command prompt open করবো এবং composer update দিবো।

কিছুক্ষণ পর দেখব আমাদের project এর vendor folder এর ভিতর phpooffice নাম এ একটি folder তৈরি হবে।

এখন আমরা views/SEIP1020/Mobile folder এর ভিতর এ xl.php নাম এ একটি ফাইল বানাবো এবং এ ফাইল এ নিচের মত কোড গুলো অ্যাড করবো।

```

1  <?php
2  error_reporting(E_ALL);
3  error_reporting(E_ALL & ~E_DEPRECATED);
4  ini_set('display_errors', TRUE);
5  ini_set('display_startup_errors', TRUE);
6  date_default_timezone_set('Europe/London');
7
8  if (PHP_SAPI == 'cli')
9      die('This example should only be run from a Web Browser');
10
11  /** Include PHPExcel */
12  require_once '../vendor/phpoffice/phpexcel/Classes/PHPExcel.php';
13  require_once ('../vendor/autoload.php');
14  use App\BITM\SEIP1020\Mobile\Mobile;
15  $obj= new Mobile();
16  $allData= $obj->index();
17
18  // Create new PHPExcel object
19  $objPHPExcel = new PHPExcel();
20  // Set document properties
21  $objPHPExcel->getProperties()->setCreator("Maarten Balliauw")
22      ->setLastModifiedBy("Maarten Balliauw")
23      ->setTitle("Office 2007 XLSX Test Document")
24      ->setSubject("Office 2007 XLSX Test Document")
25      ->setDescription("Test document for Office 2007 XLSX, generated using PHP classes.")
26      ->setKeywords("office 2007 openxml php")
27      ->setCategory("Test result file");
28  // Add some data
29  $objPHPExcel->setActiveSheetIndex(0)
30      ->setCellValue('A1', 'SL')
31      ->setCellValue('B1', 'ID')
32      ->setCellValue('C1', 'Book Title');
33  $counter=2;
34  $serial=0;

```



```

35 foreach($allData as $data){
36     $serial++;
37     $objPHPExcel->setActiveSheetIndex(0)
38     ->setCellValue('A'.$counter, $serial)
39     ->setCellValue('B'.$counter, $data['id'])
40     ->setCellValue('C'.$counter, $data['title']);
41     $counter++;
42 }
43 // Rename worksheet
44 $objPHPExcel->getActiveSheet()->setTitle('Mobile_list');
45
46 // Set active sheet index to the first sheet, so Excel opens this as the first sheet
47 $objPHPExcel->setActiveSheetIndex(0);
48
49 // Redirect output to a client's web browser (Excel5)
50 header('Content-Type: application/vnd.ms-excel');
51 header('Content-Disposition: attachment;filename="01simple.xls"');
52 header('Cache-Control: max-age=0');
53 // If you're serving to IE 9, then the following may be needed
54 header('Cache-Control: max-age=1');
55
56 // If you're serving to IE over SSL, then the following may be needed
57 header('Expires: Mon, 26 Jul 1997 05:00:00 GMT'); // Date in the past
58 header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT'); // always modified
59 header('Cache-Control: cache, must-revalidate'); // HTTP/1.1
60 header('Pragma: public'); // HTTP/1.0
61
62 $objWriter = PHPExcel_IOFactory::createWriter($objPHPExcel, 'Excel5');
63 $objWriter->save('php://output');
64 exit;

```

এখন আমরা index.php file এ যাব এবং কিছু কোড অ্যাড করবো।



```

77
78
79 <!-- jQuery library -->
80 <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"></script>
81
82 </head>
83
84 <body>
85 <h1>List Of Mobiles</h1>
86 <div>
87 <?php echo substr($paging,0,strlen($paging)-2); ?>
88 </div>
89 <a href="trashed.php">All Trashed Data</a>
90
91
92
93 <div><span>Search / Filter </span>
94 <span id="utility">Download as <a href="pdf.php">PDF</a> | <a href="xl.php">XL</a> | <a href="phpmailer.php">Email to friend</a> | <a href="crea
95 <form action="index.php">
96 <select name="itemPerPage">
97 <option value="10">10</option>
98 <option value="20">20</option>
99 <option value="30">30</option>
100 <option value="40">40</option>
101 <option value="50">50</option>
102 </select>
103 <button type="submit"> GO </button>
104 </form>
105 </div>
106 <table border="1">
107 <thead>
108 <tr>
109 <th>$1.</th>

```

এখন আমরা browser এ যাবো এবং index page এর ডাটা গুলোকে xl file format এ ডাউনলোড করবো।

## List Of Mobiles

1 | 2 | 3

All Trashed Data

Search / Filter Download as PDF [XL](#) Email to friend | Create New

10 ▾ GO

Sl.	Book Title	Action
1	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
2	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
3	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
4	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
5	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
6	he	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
7	hell	<a href="#">Edit</a>   <a href="#">Delete</a> <a href="#">Delete2</a> <a href="#">Trash</a>   <a href="#">Email to Friend</a>

Click here

পেজটি output হিসাবে নিচের ছবির মত একটি পেজ দেখাবে।



# List Of Mobiles

1 | 2 | 3


All Trashed Data

Search / Filter Download as PDF | XL | Email to friend | Create New

10 ▾

Sl.	Book Title	Action
1	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
2	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
3	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
4	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
5	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
6	he	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
7	heIII	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/>

Click here

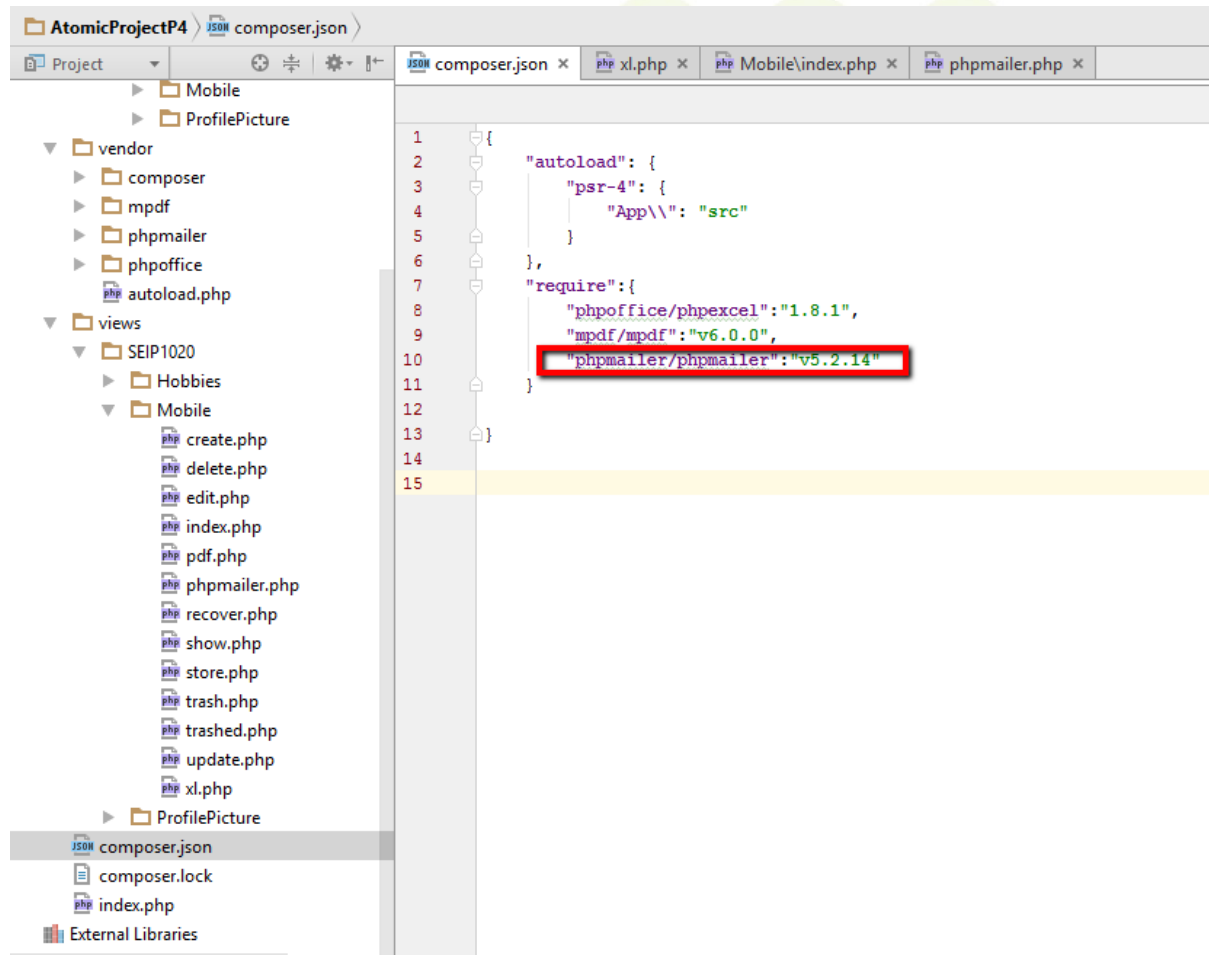
 01simple (8).xls

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW														yameen ▾									
<div> <div>Cut Copy Paste Format Painter</div> <div>Clipboard</div> </div>																							
<div> <div>Calibri 11 A A</div> <div>B I U</div> <div>Font</div> </div>																							
<div> <div>Wrap Text</div> <div>Alignment</div> </div>																							
<div> <div>General</div> <div>Number</div> </div>																							
<div> <div>Conditional Formatting Table Styles</div> <div>Styles</div> </div>																							
<div> <div>Insert Delete Format</div> <div>Cells</div> </div>																							
<div> <div>AutoSum Fill Clear</div> <div>Editing</div> </div>																							
<div> <div>A1 X ✓ fx SL</div> </div>																							
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U		
1	SL	ID	Book Title																				
2		1	9 hi																				
3		2	11 hi																				
4		3	12 hi																				
5		4	13 hello																				
6		5	14 hello																				
7		6	15 he																				
8		7	16 heIII																				

# Phpmailer

আমরা এর আগে Mobile project এ CRUD operation করেছিলাম। আজকে আমরা দেখবো কীভাবে database এ store করা data গুলোকে php এর third party library use করে কোন একটি user কে মেইল আকারে পাঠাবো।

প্রথমে আমরা composer.json file open করবো এবং কিছু code add করবো।



এরপর আমরা project folder এ গিয়ে command prompt open করবো এবং composer update দিবো।

কিছুক্ষণ পর দেখব আমাদের project এর vendor folder এর ভিতর **phpmailer** নাম এ একটি folder তৈরি হবে।

এখন আমরা views/SEIP1020/Mobile folder এর ভিতর এ **phpmailer.php** নাম এ একটি ফাইল বানাবো এবং ঐ ফাইল এ নিচের মত কোড গুলো অ্যাড করবো।

```

1  <?php
2  require '../vendor/phpmailer/phpmailer/class.phpmailer.php';
3  include("../vendor/phpmailer/phpmailer/class.smtp.php");
4  include_once ('../vendor/autoload.php');
5  use App\BITM\SEIP1020\Mobile\Mobile;
6  $obj= new Mobile();
7  $allData= $obj->index();
8  $trs="";
9  $serial=0;
10 foreach($allData as $data):
11     $serial++;
12     $trs."<tr>";
13     $trs."<td>".$serial."</td>";
14     $trs."<td>".$data['id']."</td>";
15     $trs."<td>".$data['title']."</td>";
16     $trs."</tr>";
17
18
19 endforeach;
20 $html = <<<EOD
21 <!DOCTYPE html>
22 <html>
23 <head>
24     <title>List of Books</title>
25     </head>
26
27 <body>
28 <h1>List Of Mobiles</h1>
29 <table border="1">
30     <thead>
31     <tr>
32         <th>Sl.</th>
33         <th>ID</th>
34         <th>Title</th>
35     </tr>
36     </thead>
37     <tbody>
38         <tr>
39             <td>
40                 $trs;
41             </td>
42         </tr>
43     </tbody>
44 </table>
45 EOD;
46
47 $mail = new PHPMailer();
48 // $mail->SMTPDebug = 3; // Enable verbose debug output
49
50 $mail = new PHPMailer;
51 // Tell PHPMailer to use SMTP
52 $mail->isSMTP();
53 // Enable SMTP debugging
54 // 0 = off (for production use)
55 // 1 = client messages
56 // 2 = client and server messages
57 $mail->SMTPDebug = 2;
58 // Ask for HTML-friendly debug output
59 $mail->Debugoutput = 'html';
60 // Set the hostname of the mail server

```

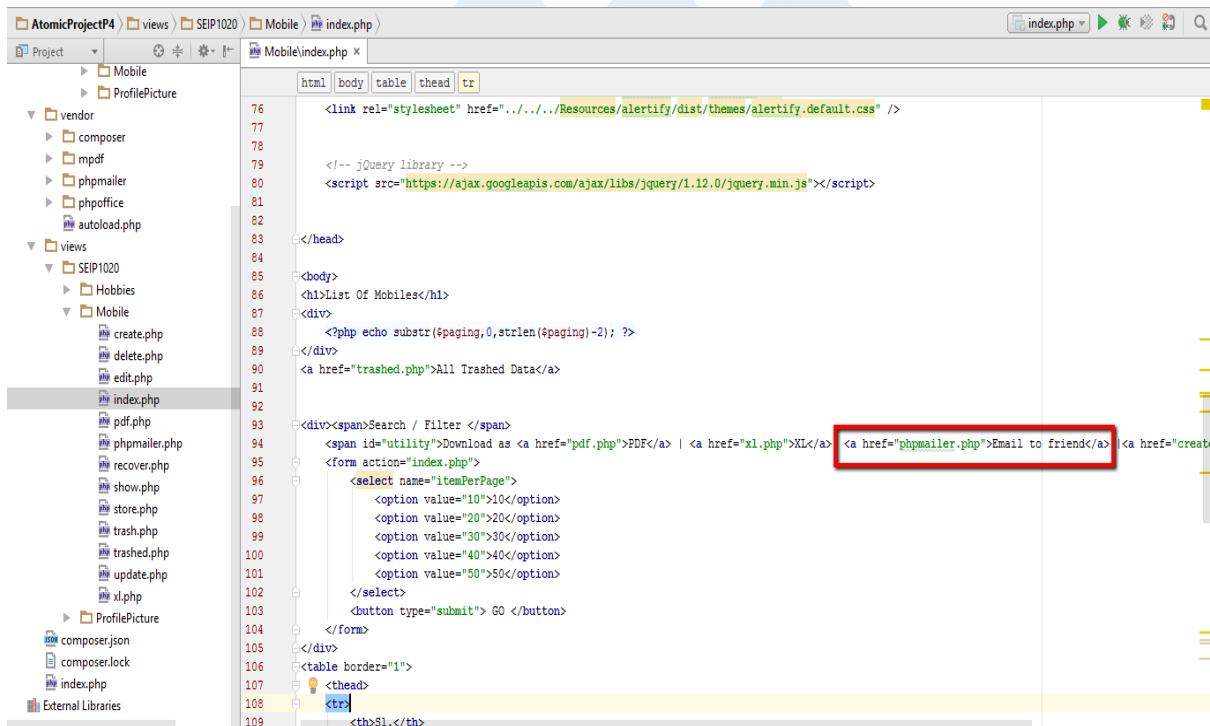
```

60 $mail->Host = 'smtp.gmail.com';
61 // use
62 // $mail->Host = gethostname('smtp.gmail.com');
63 // if your network does not support SMTP over IPv6
64 //Set the SMTP port number - 587 for authenticated TLS, a.k.a. RFC4409 SMTP submission
65 $mail->Port = 587;
66 //Set the encryption system to use - ssl (deprecated) or tls
67 $mail->SMTPSecure = 'tls';
68 //Whether to use SMTP authentication
69 $mail->SMTPAuth = true;
70 //Username to use for SMTP authentication - use full email address for gmail
71 $mail->Username = "yameen@gmail.com";
72 //Password to use for SMTP authentication
73 $mail->Password = "password";
74 //Set who the message is to be sent from
75 $mail->setFrom('yameen@gmail.com', 'First Last');
76 //Set an alternative reply-to address
77 $mail->addReplyTo('replyto@example.com', 'First Last');
78 //Set who the message is to be sent to
79 $mail->addAddress('yameen@yahoo.com', 'John Doe');
80 //Set the subject line
81 $mail->Subject = 'PHPMailer Gmail SMTP test';
82 //Read an HTML message body from an external file, convert referenced images to embedded,
83 //convert HTML into a basic plain-text alternative body
84 // $mail->msgHTML(file_get_contents('contents.html'), dirname(__FILE__));
85 $mail->Body = $html;
86 //Replace the plain text body with one created manually
87 $mail->AltBody = 'This is a plain-text message body';
88 //Attach an image file
89 $mail->addAttachment('images/phpmailer_mini.png');
90 //send the message, check for errors

91 if (!$mail->send()) {
92     echo "Mailer Error: " . $mail->ErrorInfo;
93 } else {
94     echo "Message sent!";
95 }

```

এখন আমরা index.php file এ যাব এবং কিছু কোড অ্যাড করবো।



```

76 <link rel="stylesheet" href="../../Resources/alertify/dist/themes/alertify.default.css" />
77
78
79 <!-- jQuery library -->
80 <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"></script>
81
82
83 </head>
84
85 <body>
86 <h1>List Of Mobiles</h1>
87 <div>
88 <?php echo substr($paging,0,strlen($paging)-2); ?>
89 </div>
90 <a href="trashed.php">All Trashed Data</a>
91
92 <div><span>Search / Filter </span>
93 <span id="utility">Download as <a href="pdf.php">PDF</a> | <a href="xl.php">XL</a> <a href="phpmailer.php">Email to friend</a> <a href="create
94 <form action="index.php">
95 <select name="itemPerPage">
96 <option value="10">10</option>
97 <option value="20">20</option>
98 <option value="30">30</option>
99 <option value="40">40</option>
100 <option value="50">50</option>
101 </select>
102 <button type="submit"> GO </button>
103 </form>
104
105 </div>
106 <table border="1">
107 <thead>
108 <tr>
109 <th>$1.</th>

```

এখন আমরা browser এ যাবো এবং index page এর ডাটা গুলোকে মেইল এর মাধ্যমে করবো।

← → ↻

## List Of Mobiles

1 | 2 | 3

All Trashed Data

Search / Filter Download as PDF | XL [Email to friend](#) Create New

10 ▾

Sl.	Book Title	Action
1	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
2	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
3	hi	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
4	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
5	hello	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
6	he	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>
7	helll	<a href="#">Edit</a>   <a href="#">Delete</a> <input type="button" value="Delete2"/> <a href="#">Trash</a>   <a href="#">Email to Friend</a>

Click here

যদি successfully mail টি যায় তাহলে phpmailer.php page এ Messege sent! লিখা টি দেখতে পারবো।

```

localhost:8080/AtomicProjectP4/views/SEIP1020/Mobile/phpmailer.php
CLIENT -> SERVER: <h1>List Of Modules</h1>
CLIENT -> SERVER: <table border=3D"1">
CLIENT -> SERVER: <thead>
CLIENT -> SERVER: <tr>
CLIENT -> SERVER: <th>$1</th>
CLIENT -> SERVER: <th>ID</th>
CLIENT -> SERVER: <th>Title</th>
CLIENT -> SERVER: <tr>
CLIENT -> SERVER: <thead>
CLIENT -> SERVER: <tbody>
CLIENT -> SERVER: <tr><td>1</td><td>9</td><td>hi</td></tr><tr><td>2</td><td>11</td>=
CLIENT -> SERVER: <td>hi</td></tr><tr><td>3</td><td>12</td><td>hi</td></tr><tr><td>4</td><td>=
CLIENT -> SERVER: 13</td><td>hello</td></tr><tr><td>5</td><td>14</td><td>hello</td></tr><tr><=
CLIENT -> SERVER: td>6</td><td>15</td><td>he</td></tr><tr><td>7</td><td>16</td><td>hell</td>=
CLIENT -> SERVER: <tr><tr><td>8</td><td>17</td><td>hello</td></tr><tr><td>9</td><td>18</td>=
CLIENT -> SERVER: td>he</td></tr><tr><td>10</td><td>20</td><td>hi</td></tr><tr><td>11</td><td>=
CLIENT -> SERVER: >21</td><td>hi</td></tr><tr><td>12</td><td>22</td><td>hi</td></tr><tr><td>1=
CLIENT -> SERVER: 3</td><td>23</td><td>hi</td></tr><tr><td>14</td><td>24</td><td>hello</td></=
CLIENT -> SERVER: tr><tr><td>15</td><td>25</td><td>hello</td></tr><tr><td>16</td><td>26</td>=
CLIENT -> SERVER: td>hello</td></tr><tr><td>17</td><td>28</td><td>hello</td></tr><tr><td>18</td>=
CLIENT -> SERVER: td>td>29</td><td></td></tr><tr><td>19</td><td>30</td><td>hello</td></tr><tr><=
CLIENT -> SERVER: r><td>20</td><td>31</td><td>hello</td></tr><tr><td>21</td><td>32</td><td>he=
CLIENT -> SERVER: llo</td></tr><tr><td>22</td><td>33</td><td>new data</td></tr><tr><td>23</td>=
CLIENT -> SERVER: ><td>34</td><td>new data</td></tr><tr><td>24</td><td>35</td><td>hello</td><=
CLIENT -> SERVER: <tr>
CLIENT -> SERVER: </tbody>
CLIENT -> SERVER: </table>
CLIENT -> SERVER:
CLIENT -> SERVER:
CLIENT -> SERVER: --b1_c6d1d819d5685435156fd3713e20032d--
CLIENT -> SERVER:
CLIENT -> SERVER:
SERVER -> CLIENT: 250 2.0.0 OK 1459671113 b1sm22641321wjy:0 - gsmtip
CLIENT -> SERVER: QUIT
SERVER -> CLIENT: 221 2.0.0 closing connection b1sm22641321wjy:0 - gsmtip
Message sent!

```