```jsp
1  <%@ page contentType="text/html;
   charset=UTF-8" language="java" %>
2  <html>
3  <head>
4          <title>login</title>
5  </head>
6  <body>
7
8
9  <h1>Cost Manager</h1>
10 <br/>
11 <h3>Login Users:</h3>
12 <!-- when Login button is pressed
   reflection will be commited -->
13 <form action="http://localhost:
   8080/CostManager_war_exploded/
   controller/user/login">
14     <!-- table container-->
15         <table>
16              <!-- text field
   for UserName--->
17              <tr><td> UserName
   : </td><td><input type="text"
   name="username" ></td></tr>
18              <!-- text field
   for Password--->
19              <tr><td> Password
   : </td><td><input type="password
```

```
19  " name="password" ></td></tr>
20                <!-- button for
    user logging in--->
21                <tr><td><input
    type="submit" name="login" value
    ="Login" ></td>
22                <!-- button for
    user SignUp--->
23                <td><a href="http
    ://localhost:8080/
    CostManager_war_exploded/views/
    signup.jsp">
24                    <button
    type="button">SignUp</button></a
    ></td>
25                <!-- button for
    showing Add Item page--->
26                <td><a href="http
    ://localhost:8080/
    CostManager_war_exploded/
    controller/item/additem">
27                    <button
    type="button" id="additembtn"
    name="additembtn" class="btn btn-
    primary" >Add Item</button></a></
    td></tr>
28
29            </table>
```

```jsp
30  </form>
31  <!-- gets message from the
    controller that transfered with
    the session if user Logged in
    successfully --->
32  <%
33      String temp;
34      String titleUserId = (String
    ) request.getSession().
    getAttribute("check");
35      if(titleUserId!=null)
36          temp = titleUserId;
37      else
38          temp = "";
39  %>
40  <!-- message that will be
    displayed if user Logged in
    successfully --->
41  <%=temp%>
42
43  </body>
44  </html>
45
```

```jsp
 1  <%@ page contentType="text/html;
    charset=UTF-8" language="java" %>
 2  <html>
 3  <head>
 4      <title>Logout</title>
 5  </head>
 6  <body>
 7  <!-- redirect to login.jsp--->
 8  <jsp:forward page="login.jsp"></
    jsp:forward>
 9
10  </body>
11  </html>
12
```

```jsp
1  <%@ page import="il.ac.hit.model.Item" %>
2  <%@ page import="java.util.List" %>
3
4  <%@ page contentType="text/html;charset=UTF-8" language="java" %>
5  <html>
6  <head>
7      <title>Report</title>
8      <style>
9          table {
10             width: 50%;
11         }
12
13         th, td {
14             text-align: center;
15             padding: 8px;
16         }
17
18         tr:nth-child(even) {
background-color: #f2f2f2;}
19     </style>
20 </head>
21 <body>
22 <h2 style="text-align: center">
Report by month </h2>
23 <br/>
```

```html
24  <!-- when Show button is pressed
    reflection will be commited -->
25  <form action="http://localhost:
    8080/CostManager_war_exploded/
    controller/item/report">
26      <!-- label for choosing a
    month--->
27      <label for="month">Choose a
    month:</label>
28      <!-- drop down list for
    choosing a month--->
29      <select name="month" id="
    month">
30          <option value="01">
    January</option>
31          <option value="02">
    February</option>
32          <option value="03">March
    </option>
33          <option value="04">April
    </option>
34          <option value="05">May</
    option>
35          <option value="06">June</
    option>
36          <option value="07">July
    </option>
37          <option value="08">August
```

```
37  </option>
38          <option value="09">
    September</option>
39          <option value="10">
    October</option>
40          <option value="11">
    November</option>
41          <option value="12">
    December</option>
42      </select>
43      <br><br>
44      <!-- label for choosing a
    year--->
45      <label for="year">Choose a
    year:</label>
46      <!-- drop down list for
    choosing a year--->
47      <select name="year" id="year"
    >
48          <option value="2020">2020
    </option>
49          <option value="2019">2019
    </option>
50          <option value="2018">2018
    </option>
51          <option value="2017">2017
    </option>
52          <option value="2016">2016
```

```
52  </option>
53          <option value="2015">2015
    </option>
54          <option value="2014">2014
    </option>
55          <option value="2013">2013
    </option>
56          <option value="2012">2012
    </option>
57          <option value="2011">2011
    </option>
58          <option value="2010">2010
    </option>
59      </select>
60      <!-- button for showing
    detailed table according to
    selected parameters--->
61      <input type="submit" value="
    Show">
62      <!-- button for transfering
    to add item page --->
63      <td><a href="http://localhost
    :8080/CostManager_war_exploded/
    views/additem.jsp">
64          <button type="button">
    Back</button></a></td>
65  </form>
66  <!-- items from database shown in
```

```jsp
66      table -->
67  <table style="background: rgba(
        160,222,143,0.48)" style="border-
        bottom-width: thin" >
68      <tr><th>User Id</th><th>ID</
        th><th>Type</th><th>Cost</th><th>
        Date</th></tr>
69      <%
70
71          List<Item> reportList = (
        List<Item>) request.getSession().
        getAttribute("report");
72          if(reportList!=null)
73          {
74              for (Item lineItem:
        reportList)
75              {
76                  int userId =
        lineItem.getUserId();
77                  int id = lineItem
        .getId();
78                  String type =
        lineItem.getType();
79                  int cost =
        lineItem.getCost();
80                  String date =
        lineItem.getDate();
81      %>
```

```jsp
82      <tr><td><%= userId %></td>
83          <td><%= id %></td>
84          <td><%= type %></td>
85          <td><%= cost %></td>
86          <td><%= date %></td>
87
88      </tr>
89      <%
90              }
91          }
92      %>
93 </table> <!-- end of table -->
94 </body>
95 </html>
96
```

```jsp
1  <%@ page contentType="text/html;
   charset=UTF-8" language="java" %>
2  <html>
3  <head>
4      <title>Sign-Up</title>
5  </head>
6  <body>
7
8  <h1>                        Registration
                           </h1>
9  <!-- when Ok button is pressed
   reflection will be commited -->
10 <form action="http://localhost:
   8080/CostManager_war_exploded/
   controller/user/signup" method="
   post">
11     <table>
12         <!-- text field for User
   Id--->
13         <tr><td> User Id : </td><
   td><input type="number" name="
   userid" pattern="[0-9]+" max="
   1000000000" required/></td></tr>
14         <!-- text field for User
   Name--->
15         <tr><td> User Name : </td
   ><td><input type="text" name="
   username" required/></td></tr>
```

```html
16          <!-- text field for Last
    Name--->
17          <tr><td> Last Name : </td
    ><td><input type="text" name="
    lastname" pattern="[A-Za-z]*"
    required/></td></tr>
18          <!-- text field for
    Password--->
19          <tr><td> Password : </td
    ><td><input type="password" name
    ="password" required/></td></tr>
20          <!-- button for user
    Signing Up after filling all text
     field --->
21          <tr><td><input type="
    submit" name="submit" value="Ok"
    /></td>
22              <!-- href for
    transfering to login page --->
23          <td><a href="http://
    localhost:8080/
    CostManager_war_exploded/
    controller/user/login">Back</a></
    td></tr>
24      </table>
25 </form>
26 <!-- gets message from the
    controller that transfered with
```

```jsp
26    the session if user registered
      successfully --->
27    <%
28        String temp;
29        String titleUserId = (String
      ) request.getSession().
      getAttribute("check1");
30        if(titleUserId!=null)
31            temp = titleUserId;
32        else
33            temp = "";
34    %>
35    <!-- message that will be
      displayed if user registered
      successfully --->
36    <%=temp%>
37
38    </body>
39    </html>
40
```

```jsp
1  <%@ page import="il.ac.hit.model.
   Item" %>
2  <%@ page import="java.util.List
   " %>
3  <%@ page contentType="text/html;
   charset=UTF-8" language="java" %>
4
5  <html>
6  <head>
7      <title>AddItem</title>
8      <!-- Styles -->
9      <style>
10         table {
11             width: 50%;
12         }
13
14         th, td {
15             text-align: center;
16             padding: 8px;
17         }
18
19         tr:nth-child(even) {
   background-color: #f2f2f2;}
20     </style>
21  </head>
22  <body>
23  <!-- get UserID from this session
   -->
```

```jsp
24  <%
25      int titleUserId = (Integer
    ) request.getSession().
    getAttribute("userid");
26  %>
27  <h1 style="text-align: center">
    Cost Manager</h1>
28  <br/>
29  <h3>My ID is : (<%= titleUserId
    %>) </h3>
30  <!-- when Add Item button is
    pressed reflection will be
    commited -->
31  <form action="http://localhost:
    8080/CostManager_war_exploded/
    controller/item/additem" method="
    post">
32      <table >
33          <!-- text field for item
    id--->
34          <tr><td> ID : </td><td><
    input type="number" name="id"
    pattern="[0-9]+" max="1000000000"
    required/></td></tr>
35          <!-- text field for item
    cost--->
36          <tr><td> Cost : </td><td
    ><input type="number" name="cost"
```

```jsp
36      pattern="[0-9]+" max="1000000000
   " required/></td></tr>
37          <!-- text field for item
   date--->
38          <tr><td> Date : </td><td
   ><input type="date" id="date"
   name="date"
39
        value="2020-01-01"
40
        min="2010-01-01" max="2020
   -12-31" required/></td></tr>
41          <!-- drop down list for
   category--->
42          <tr><td> Type : </td><td>
43             <select name="type"
   id="type">
44                 <option value="
   food">Food</option>
45                 <option value="
   clothes">Clothes</option>
46                 <option value="
   car">Car</option>
47                 <option value="
   mortgage">Mortgage</option>
48                 <option value="
   restaurant">Restaurant</option>
49                 <option value="
```

```html
49  electricity">Electricity</option>
50                  <option value="
    water">Water</option>
51                  <option value="
    phone">Phone</option>
52                  <option value="
    school">School</option>
53                  <option value="
    propertytax">Property Tax</option
    >
54              </select>
55          </td></tr>
56          <!-- button for adding
    item to database shown in table
    --->
57          <tr><td><input type="
    submit" name="submit" value="Add
    Item"/></td>
58              <!-- button for
    showing monthly report page--->
59              <td><a href="http://
    localhost:8080/
    CostManager_war_exploded/views/
    report.jsp">
60                  <button type="
    button">Report</button></a></td>
61              <!-- button for user
    logging out--->
```

```
62          <td><a href="http://
    localhost:8080/
    CostManager_war_exploded/
    controller/user/logout">
63                  <button type="
    button">Log Out</button></a></td
    ></tr>
64      </table>
65  </form>
66
67  <!-- items from database shown in
       table -->
68  <table style="background: rgba(
    143,199,222,0.48)" style="border-
    bottom-width: thin" >
69      <tr><th>User Id</th><th>ID</
    th><th>Type</th><th>Cost</th><th>
    Date</th></tr>
70      <%
71          List<Item> userItemList
     = (List<Item>) request.
    getSession().getAttribute("
    tableitems");
72          if(userItemList!=null)
73          {
74          for (Item lineItem:
    userItemList)
75              {
```

```jsp
76              int userId =
lineItem.getUserId();
77              int id = lineItem.
getId();
78              String type =
lineItem.getType();
79              int cost = lineItem.
getCost();
80              String date =
lineItem.getDate();
81      %>
82      <tr><td><%= userId %></td>
83          <td><%= id %></td>
84          <td><%= type %></td>
85          <td><%= cost %></td>
86          <td><%= date %></td>
87
88      </tr>
89      <%
90          }
91          }
92      %>
93  </table> <!-- end of table -->
94  </body>
95
96  </html>
97
```