

**Individual Sprint Work Summary – to be completed for each method you implemented and tested.**

<b>Student Name: Shubham Jain</b>	<b>Sprint Number:1</b>												
<b>Student Number:A00258743</b>	<b>Group Number:</b>												
<b>Method User Story:</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 5px;">ID: AUT3 Points: 1 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div></td> <td style="width: 40%; padding: 5px;">                     Theme: Authentication                      As a superuser                      I want to login to the system                      So I can add manager                 </td> <td style="width: 45%; padding: 5px;">                     1. Verify that email is valid                      2. Verify that password is valid                      3. Verify error message 'Invalid Inputs' for invalid entries                      4. Verify store manager page is shown for all valid entries                 </td> </tr> <tr> <td style="padding: 5px;">ID: AUT2 Points: 2 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div></td> <td style="padding: 5px;">                     Theme: Authentication                      As a store manager                      I want to login to the system                      So I can access my account and use features                 </td> <td style="padding: 5px;">                     1. Verify that email is valid                      2. Verify that password is valid                      3. Verify error message 'Invalid Inputs' for invalid entries                      4. Verify store manager page is shown for all valid entries                 </td> </tr> <tr> <td style="padding: 5px;">ID: AUT5 Points: 2 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div></td> <td style="padding: 5px;">                     Theme: Authentication                      As a delivery person                      I want to login to the system                      So I can view my delivery docket                 </td> <td style="padding: 5px;">                     1. Verify that email is valid                      2. Verify that password is valid                      3. Verify error message 'Invalid Inputs' for invalid entries                      4. Verify delivery person page is shown for all valid entries                 </td> </tr> <tr> <td style="padding: 5px;">ID: DAT2 Points: 3 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div></td> <td style="padding: 5px;">                     Theme: Database                      As a developer                      I want to encrypt and decrypt my password                      So I can more security                 </td> <td style="padding: 5px;">                     1. Verify data is encrypted                      2. Verify data is decrypted                      3. Verify data matches                 </td> </tr> </table>		ID: AUT3 Points: 1 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div>	Theme: Authentication As a superuser I want to login to the system So I can add manager	1. Verify that email is valid 2. Verify that password is valid 3. Verify error message 'Invalid Inputs' for invalid entries 4. Verify store manager page is shown for all valid entries	ID: AUT2 Points: 2 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div>	Theme: Authentication As a store manager I want to login to the system So I can access my account and use features	1. Verify that email is valid 2. Verify that password is valid 3. Verify error message 'Invalid Inputs' for invalid entries 4. Verify store manager page is shown for all valid entries	ID: AUT5 Points: 2 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div>	Theme: Authentication As a delivery person I want to login to the system So I can view my delivery docket	1. Verify that email is valid 2. Verify that password is valid 3. Verify error message 'Invalid Inputs' for invalid entries 4. Verify delivery person page is shown for all valid entries	ID: DAT2 Points: 3 <div style="background-color: #ccc; border-radius: 5px; padding: 2px 5px; display: inline-block;">To do</div>	Theme: Database As a developer I want to encrypt and decrypt my password So I can more security	1. Verify data is encrypted 2. Verify data is decrypted 3. Verify data matches
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<b>Class Name: DBConnection</b>													
<b>Method Name:</b> <code>int login(String user,String Password)</code>													
<b>Equivalence Partitions</b> <ol style="list-style-type: none"> <li>1. Valid Admin.</li> <li>2. Invalid Admin- Wrong Email.</li> <li>3. Invalid Admin- Wrong Password.</li> <li>4. Valid Manager.</li> <li>5. Invalid Manager- Wrong Email.</li> <li>6. Invalid Manager- Wrong Password.</li> <li>7. Valid Delivery Person.</li> <li>8. Invalid Delivery Person - Wrong Email.</li> <li>9. Invalid Delivery Person - Wrong Password.</li> </ol>													
<b>Number of EP Test Cases: 9</b>	<b>% EP Coverage Achieved:100</b>												

**Individual Sprint Work Summary – to be completed for each method you implemented and tested.**

<b>Class Name:Validation</b>	
<b>Method Name:</b> <code>boolean validatePassword(String password)</code>	
<b>Equivalence Partitions</b>  <ol style="list-style-type: none"><li>1. Invalid- Password less than 8 characters</li><li>2. Invalid- Password more than 30 characters</li><li>3. Valid Password</li></ol>	
<b>Number of EP Test Cases: 3</b>	<b>% EP Coverage Achieved:100</b>
<b>Boundary Value Analysis</b>  <ol style="list-style-type: none"><li>1. Invalid- Password less than 8 characters</li><li>2. Invalid- Password more than 30 characters</li><li>3. Valid Password</li><li>4. Valid- Password with 8 characters</li><li>5. Valid-Password with 30 characters</li></ol>	
<b>Number of BVA Test Cases: 5</b>	<b>% BVA Coverage Achieved:100</b>

<b>Class Name:Validation</b>	
<b>Method Name:</b> <code>boolean validateEmail(String email)</code>	
<b>Equivalence Partitions</b>  <ol style="list-style-type: none"><li>1. Valid Email</li><li>2. Invalid Email</li></ol>	
<b>Number of EP Test Cases: 2</b>	<b>% EP Coverage Achieved:100</b>