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3.1.3 The details will be stored in the database with other users.

3.1.4 After creating the account or if user already have an account, the user should login to the

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2. **Inbox**

This functionality is used to view emails received.

2.1 The user after successful login must be able to view inbox tab.

2.1 Inbox must contain all the mails received to the user.

3. **Sent Items:**

This functionality is used to view the email sent to the other users.

3.1 Click on sent items button.

3.2 All the sent emails should be visible.

**Test case Name: Login Page**

1. Verify that user is not able to login with invalid username and password.
2. Verify that the login screen is having option to enter username and password

with submit button and option of forgot password

1. Verify that user is able to login with valid username and password
2. Verify that validation message gets displayed in case user leaves username or

password field as blank

1. Verify that validation message is displayed in case user exceeds the character

limit of the user name and password fields

1. Verify that there is reset button to clear the field's text
2. Verify if there is checkbox with label "remember password" in the login page
3. Verify that the password is in encrypted form when entered
4. Verify that there is limit on the total number of unsuccessful attempts
5. For security point of view, in case of in correct credentials user is displayed

the message like "incorrect username or password" instead of exact message

pointing at the field that is incorrect. As message like "incorrect username"

will aid hacker in brute forcing the fields one by one

1. Verify the timeout of the login session
2. Verify if the password can be copy-pasted or not
3. Verify that once logged in, clicking back button doesn't logout user

**Test Case Name: SignUP Page**

1. Verify that all the specified fields are present on the registration page
2. Verify that the required/mandatory fields are marked with \* against the field
3. Verify that for better user interface drop downs, radio buttons and check boxes etc fields are displayed wherever possible instead of just text boxes
4. Verify the page has both submit and cancel/reset buttons at the end
5. Verify that clicking submit button after entering all the required fields, submits

the data to the server.

1. Verify that clicking cancel/reset button after entering all the required fields,

cancels the submit request and resets all the fields.

1. Verify that whenever possible validation should take place at client side.
2. Verify that not filling the mandatory fields and clicking submit button will

lead to validation error.

1. Verify that not filling the optional fields and clicking submit button will still

send data to server without any validation error

1. Check the upper limit of the text boxes.
2. Check validation on date and email fields (only valid dates and valid email Ids

should be allowed.

1. Check validation on numeric fields by entering alphabets and special

characters

1. Verify that leading and trailing spaces are trimmed
2. Verify that entering blank spaces on mandatory fields lead to validation error.

**Test Case Name: Inbox**

1. Verify that a newly received email is displayed as highlighted in the Inbox

section.

1. Verify that a newly received email has correctly displayed sender email Id or

name, mail subject and mail body.

1. Verify that on clicking the newly received email, user is navigated to email

content.

1. Verify that any attachments are attached to the email and is downloadable.
2. Verify that all the emails marked as read are not highlighted.
3. Verify that all the emails read as well as unread have a mail read time

appended at the end on the email list displayed in the inbox section.

**Test Case Name: Sent items page**

1. Verify that when user clicks on sent items user must be able to view all emails sent.
2. Verify that when user reply to mail in inbox then it must be displayed in sent items.
3. Verify that when user sends a mail from draft then it must be displayed in sent items.