

CS 40800: Test Plan

Bolt: Memo App

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Legend

[Identification Number]

- A. [Descriptive Title], [Severity Level]
- B. [Specific Instructions]
- C. [Expected Outcome]

Severity Levels:

Level 1: Critical to the success of the software

Level 2: Important but not critical to the success of the software

Level 3: Does not affect the basic functionality of the software

1 - Create Account 001:

- A. "Sign Up" Button -- Level 1
- B. Click the "Sign Up" Button
- C. The user should be directed to a "Sign Up" page

1 - Create Account 002:

- A. Submit valid account information -- Level 1
- B. Valid email, valid password are submitted
- C. User information is saved and user is redirected to app home page

1 - Create Account 003:

- A. Password is null -- Level 2
- B. Signup form is submitted with valid email but no password
- C. Error message should be displayed and the user should be asked to enter a valid password. The account shouldn't be created

1 - Create Account 004:

- A. Email is null -- Level 2
- B. Signup form is submitted with valid password but no email
- C. Error message should be displayed and the user should be asked to enter a valid email. The account shouldn't be created

1 - Create Account 005:

- A. No uppercase character in password -- Level 3
- B. Password entered does not have any uppercase letter and all other information is valid on the signup form
- C. Error message should be displayed and the user should be asked to enter a valid password. The account shouldn't be created

1 - Create Account 006:

- A. No lowercase character in password -- Level 3
- B. Password entered does not have any lowercase letter and all other information is valid on the signup form
- C. Error message should be displayed and the user should be asked to enter a valid password. The account shouldn't be created

1 - Create Account 007:

- A. No numerical character in password -- Level 3
- B. Password entered does not have any numbers and all other information is valid on the signup form
- C. Error message should be displayed and the user should be asked to enter a valid password. The account shouldn't be created

1 - Create Account 008:

- A. Length of password < 4 -- Level 3
- B. Password entered is not greater than 4 characters and all other information is valid on the signup form
- C. Error message should be displayed and the user should be asked to enter a valid password. The account shouldn't be created

1 - Create Account 009:

- A. Invalid Email -- Level 1
- B. Email ID on the signup form does not have '@' and all other information is valid on the signup form.
- C. Error message should be displayed and the user should be asked to enter a valid email. The account shouldn't be created

1 - Create Account 010:

- A. Email Exists -- Level 1
- B. Email ID on the signup form already exists as a user and all other information is valid on the signup form
- C. Error message should be displayed and the user should be asked to enter a valid email ID or login with existing account. The account shouldn't be created

2 - Logging in 001:

- A. "Login" Button--Level 1
- B. Click on Login Button
- C. The user should be redirected to login page

2 - Logging in 002:

- A. Login Successful --Level 1
- B. User successfully logs in
- C. Home page with list of user's received memos is displayed

2 - Logging in 003:

- A. Login Unsuccessful

- B. User unsuccessfully logs in
- C. Error occurs and redirect to the login screen

3 - Delete Account 001:

- A. "Delete Profile" Button--Level 3
- B. Click Delete Account button
- C. Confirmation dialog should appear

3 - Delete Account 002:

- D. Confirm Delete--Level 3
- E. Click "Yes" in the "Delete Account" confirmation dialog
- F. Dialog box should disappear and account should be deleted

3 - Delete Account 003:

- A. Cancel Delete--Level 3
- B. Click "No" in the "Delete Account" confirmation dialog
- C. Dialog box should disappear and account should not be deleted

3 - Delete Account 004:

- A. "Delete Profile" Button--Level 3
- B. Close browser window when confirmation dialog is visible
- C. The user's account should not be deleted

4 - Two Factor Authentication 001:

- A. Login w/ two-factor auth, using a confirmation text -- Level 1
- B. Input correct credentials
- C. User should be redirected to the home screen

4 - Two Factor Authentication 002:

- A. Incorrect credentials--Level 1
- B. Input incorrect credentials
- C. User shouldn't be redirected to home page

5 - Forgot Password 001:

- A. "Forgot password" button--Level 2
- B. Click on forgot password button
- C. User should be redirected to forgot password form

5 - Forgot Password 002:

- A. Forgot password Invalid Email--Level 2
- B. Enter unused email address in forgot password form

- C. No emails should be sent

5 - Forgot Password 003:

- A. "Forgot password" button--Level 2
- B. Enter email address in forgot password form
- C. Reset password link should be emailed to the user

6 - Update Account 001:

- A. "Update Account" button--Level 2
- B. Click on edit information button on user profile and make edits
- C. When looking back at profile user info should have changed to edited info

6 - Update Account 002:

- A. "Update Account" button -- Level 2
- B. Click on "Cancel Update"
- C. When looking back at profile, user's info should not change.

6 - Update Account 003:

- A. "Update Account" button -- Level 2
- B. Click on edit information button on the relevant section.
- C. User's info for other not intended to be edited section should not disappear or should remain the same.

7 - Send Memo 001:

- A. "Send Memo" button -- Level 1
- B. Click on send memo button after "to" "subject" "text" and/or "file" have been added to the memo
- C. A new memo object should be created and sent to the recipient

7 - Send Memo 002:

- A. No recipient -- Level 2
- B. Click on send memo button without "to" field and all others valid.
- C. Error should be displayed and the user should be prompted to enter valid recipient IDs. New memo object shouldn't be created nor should it be sent.

7 - Send Memo 003:

- A. Blank memo -- Level 2
- B. Click on send memo button without "subject" and "text" but valid "to"

- C. Warning should be displayed to the user about the blank memo and the user should be prompted to populate the memo. New memo object shouldn't be created nor should it be sent.

7 - Send Memo 004:

- A. Invalid recipient -- Level 1
- B. Recipient address do not have '@' when "send memo" button is clicked
- C. Error should be displayed and the user should be prompted to enter valid recipient address.

7 - Send Memo 005:

- A. Non-user recipient -- Level 1
- B. Recipient address do not exist as users on the platform
- C. Error should be displayed and the user should be prompted to enter valid recipient address.

8 - Send Memo Multiple 001:

- A. "Send Memo" button -- Level 1
- B. Click on send memo button after "to" "subject" "text" and/or "file" have been added to the memo
- C. A new memo objects should be created and sent to every recipient

8 - Send Memo Multiple 002:

- A. Blank Memo -- Level 2
- B. Click on send memo button without "subject" and "text" but valid multiple "to"
- C. Warning should be displayed to the user about the blank memo and the user should be prompted to populate the memo. New memo objects shouldn't be created nor should they be sent to anyone.

8 - Send Memo Multiple 003:

- A. Any invalid recipient -- Level 1
- B. Any of the recipient addresses do not have '@' when "send memo" button is clicked
- C. Error should be displayed and the user should be prompted to enter valid recipient addresses

8 - Send Memo Multiple 004:

- A. Non-user recipients -- Level 1

- B. Any of the recipient address do not exist as users on the platform
- C. Error should be displayed and the user should be prompted to enter valid recipient addresses.

9 - Attach a file to a memo 001:

- A. Attach a file to a memo -- Level 2
- B. Click on “attach file” button.
- C. User should be able to attach a file to their memos.

10 - Reply to a memo 001:

- A. Start Reply to a memo -- :Level 3
- B. Click on the “reply” button
- C. The create memo screen should appear, the body populated with the text of the memo being replied to, the to box populated with the original sender, and the subject indicating a reply.

10 - Reply to a memo 002:

- A. Send Reply to a memo -- :Level 3
- B. From the populated memo editor, click on “send” button
- C. Create memo screen should go away and memo should be sent

10 - Reply to a memo 003:

- A. Save Reply as Draft -- :Level 3
- B. From the populated memo editor type in more text and click on “Save Draft” button
- C. Create memo screen should go away and the typed memo, including the populated text, should be saved as a draft

11 - Memo priority 001:

- A. Select a memo and click “memo priority.” -- Level 2
- B. A text box indicating level of priority of memos should appear.
- C. User should be able to select priority of memos.

11 - Memo priority 002:

- A. Select a memo and click “share memo” -- Level 2
- B. Users will enter email address of whom memo with indicated priority should be shared with.
- C. Users should be able to share the memo with the other users.

11 - Memo priority 003:

- A. Select a memo to open and close memo -- Level 2
- B. Users will open and close memo without indicating a priority.
- C. Users should be able to open and close memo without indicating a priority.

12 - Save drafts of memo 001:

- A. Save drafts of memos -- Level 2
- B. Click on "save drafts".
- C. Users should be able to save their drafts.

12 - Save drafts of memo 002:

- A. Save drafts of memos -- Level 2
- B. Click on "save drafts".
- C. Users should be able to see their drafts in the drafts saved list.

12 - Save drafts of memo 003:

- A. Save drafts of memos -- Level 2
- B. Click on "save drafts".
- C. Users should be able to see the latest version of the drafts until they have clicked the "save drafts" button

13 - Open drafts of memo 001:

- A. Open drafts of memos -- Level 2
- B. Click on "open drafts".
- C. Users should be able to open their drafts.

14 - Delete drafts of memo 001:

- A. Delete drafts of memos -- Level 2
- B. Click on "delete drafts".
- C. Users should be able to delete their drafts.

14 - Delete drafts of memo 002:

- A. Delete drafts of memos -- Level 2
- B. Click on "delete drafts"
- C. Users should be able to see their drafts in the deleted drafts list.

14 - Delete drafts of memo 003:

- A. Delete drafts of memos -- Level 2
- B. Click on "delete drafts"

- C. Users should be able not be able to see their deleted drafts in the other list for example the saved drafts list.

15 - Check Approval Status 001:

- A. "check approval status" button -- Level 2
- B. Click on the "check approval status beside the document
- C. The user should be able to see the screen of the approval progress appears.

15 - Check Approval Status 002:

- A. "check approval status" of unapproved document-- Level 2
- B. approve document click check approval status for document
- C. The approval status of document should have changed to approved

15 - Check Approval Status 003:

- A. "close" button on the approval progress screen -- Level 2
- B. Click on the "close" button
- C. The users should be able to return to their original screen.

16 - Approve/Reject Memo 001:

- A. "Approve" button -- Level 1
- B. Click on "Approve" button on assigned memos
- C. Memo should be marked as approved and record should be updated.

16 - Approve/Reject Memo 002:

- A. "Reject" button -- Level 1
- B. Click on "Reject" button on assigned memos
- C. Memo should be marked as rejected and record should be updated.

17 - See Sent Memo 001:

- A. "Sent memo tab" -- Level 2
- B. Click on "Sent" tab
- C. Display list of all the memos sent by the user

17 - See Sent Memo 002:

- A. Recent Sent Memo -- Level 2
- B. Send memo then check "sent memo tab"
- C. New memo should appear in tab

18 - See memos sent to me 001:

- A. Users want see memos send to them -- Level 1

- B. Click on “shared with me” tab
- C. Users should see the memos shared with them

19 - See dates and time memos have been uploaded 001:

- A. Users want to see the dates and time memos have been uploaded -- Level 3
- B. Click on the relevant memos
- C. Users should see the date and time memos have been uploaded

19 - See dates and time memos have been uploaded 002:

- A. Recent Memo Upload - Level 3
- B. Upload a memo and click on memo
- C. See if memo’s time matches when uploaded

20 - Delete memos I have received 001:

- A. Users want to delete memos that they have received -- Level 2
- B. Click on “delete memos”
- C. Users should be able to delete their memos smoothly.

21 - Mobile platforms 001:

- A. Login Optimized on phone or tablet --Level 2
- B. Navigate to website on phone/tablet
- C. The login screen should appear with all items and all should be functional

21 - Mobile platforms 002:

- A. Optimized phone or tablet with screen resolution -- Level 2
- B. Navigate to website on phone/tablet with varying screen resolutions
- C. The screen should appear with all items and all should be functional for each varying screen resolution

22 - API server to be secure 001:

- A. API server must be secure -- Level 1
- B. Send HTTP request to retrieve memos with the authentication token removed.
- C. A HTTP 401 should be returned

22 - API server to be secure 002:

- A. API server must be secure -- Level 1
- B. Send HTTP request to send a memo with the authentication token removed.
- C. A HTTP 401 should be returned

22 - API server to be secure 003:

- A. API server must be secure -- Level 1
- B. Send HTTP request to retrieve memo drafts with the authentication token removed
- C. A HTTP 401 should be returned

22 - API server to be secure 004:

- A. API server must be secure -- Level 1
- B. Send HTTP request to update a profile with the authentication token of another user.
- C. A HTTP 403 should be returned

22 - API server to be secure 005:

- D. API server must be secure -- Level 1
- E. Send HTTP request to approve a memo with a different user than the memo was sent to.
- F. A HTTP 403 should be returned

22 - API server to be secure 006:

- G. API server must be secure -- Level 1
- H. Send HTTP request to delete a memo with a different user than the memo was sent to.
- I. A HTTP 403 should be returned

23 - Set Deadlines for Memos that Require Approval Processing 001:

- A. Set deadline for memos that require approval processing -- Level 2
- B. Click on "set deadlines" on relevant memo
- C. Deadline for approval or rejection should be set for the relevant memo.

23 - Set Deadlines for Memos that Require Approval Processing 002:

- A. Set deadline for memos that require approval processing --Level 3
- B. Click "add deadline" and input date that has already past
- C. Deadline should be rejected

23 - Set Deadlines for Memos that Require Approval Processing 002:

- A. Set deadline for memos that require approval processing --Level 3
- B. Click "add deadline" and then click "cancel"
- C. No deadline should be added to memo

24 - See Memos Assigned to Me for Approvals 001:

- A. See memos assigned to me for approvals -- Level 3
- B. Click on the "memos for approvals" tab.

- C. A list of memos requiring approval should appear.

24 - See Memos Assigned to Me for Approvals 002:

- A. See memos assigned to me for approvals -- Level 3
- B. Click on tab other than the “memos for approvals” tab
- C. Other memos beside the memos for approvals should appear.

24 - See Memos Assigned to Me for Approvals 003:

- A. See memos assigned to me for approvals -- Level 3
- B. Click on “memos for approvals” tab, and then click on individual memos.
- C. User should be able to approve/reject memos.

25 - Attach a file to a memo 001

- A. Open file selector -- Level 1
- B. Click “attach file” button in memo editor
- C. A file explorer menu will pop up

25 - Attach a file to a memo 002

- A. Attach a file to a memo -- Level 1
- B. Select a file in the file explorer, click “select” when ready to upload
- C. The file should appear attached to the memo

25 - Attach a file to a memo 003

- A. Attach a file to a memo -- Level 1
- B. A user selects a file, but the user does not have read permissions for that file
- C. The dialog will display an insufficient permissions toast

25 - Attach a file to a memo 005

- A. Attach a file to a memo -- Level 1
- B. Open an existing memo, click the “attach” button
- C. The file explorer will go inside of the directory, and continue to do so for any subdirectories. If the user does not have read permissions for the directory, an error is displayed

25 - Attach a file to a memo 05

- A. Attach a file to a memo -- Level 1
- B. A user attempts to upload a file that exceeds the file size limits
- C. The file explorer displays a toast that says “File size is too large”

26 - Open draft memos 001

- A. Open a draft memo -- Level 1
- B. Navigate in the menu to the memo that they wish to open and double-click on it

- C. The memo should appear on the screen with the same contents as when it was saved and be open for editing

26 - Open draft memos 002

- A. Open a draft memo -- Level 1
- B. A user tries to open a memo that isn't available anymore (may still appear via browser cache)
- C. The system gracefully handles this with a single error message

27 - List all memos sent to me 001

- A. List all memos sent to me -- Level 1
- B. A user clicks "Received memos" in the menu
- C. The system pulls up a list of all memos that have been sent to the user

27 - List all memos sent to me 002

- A. List all memos sent to me -- Level 3
- B. A user clicks "Received memos" in the menu
- C. If the user does not have any received memos yet, the system will display "No memos yet"

28 - Delete a memo 001

- A. Delete a memo sent to me -- Level 1
- B. A user selects a memo under "Received memos" and clicks the delete button
- C. The memo should no longer be listed under "Received memos"

28 - Delete a memo 002

- A. Delete a memo sent to me -- Level 2
- B. A user selects a memo under "Received memos" and clicks the delete button
- C. The system should immediately refresh the page to prevent the memo from being listed under "Received memos" on the user's end

28 - Delete a memo 003

- A. Delete a memo sent to me -- Level 2
- B. A user selects a memo under "Received memos" and clicks the delete button
- C. The system should delete the memo was sent from the separate "Sent memos" menu

28 - Delete a memo 004

- A. Delete a memo sent to me -- Level 3
- B. A user deletes a memo from their inbox
- C. In the case a user deletes a memo in a user's inbox, and the memo is also listed under "Shared with me", the memo will not be removed from the "Shared with me" list

29 - Time and date information 001

- A. View time and date of a memo's creation -- Level 2
- B. A user opens a memo

C. Click the “info” button, and the creation time and data should appear

30 - Log out of an account 001

A. Log out of an account -- Level 1

B. A user logs into an account and clicks a “log out” button that is only visible when a user is currently logged in

C. The user should be logged out and an “Logout successful” popup displayed