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Pynote Website Test Plan

1. Registration Page

a. URL navigation

- navigate to page using URL (<http://127.0.0.1:5000/register/>)

b. Username field

- leave username field blank, click register button
- enter an invalid username (3 characters), click register button
- enter an invalid username (21 characters), click register button
- enter an invalid username (5 whitespace characters), click register button
- enter a valid username, click register button

c. Password field (with valid username entered)

- leave password field blank, click register
- enter an invalid password (11 characters), click register button
- enter an invalid password (13 characters of whitespace characters), click register button
- enter an invalid password (only composed of lowercase characters), click register button
- enter an invalid password (only composed of upper/case characters), click register button
- enter an invalid password (only composed of uppercase characters, lowercase characters, and numeric characters), click register button
- enter a valid password (12 characters, containing 1 character each from the group of lowercase letters, uppercase letters, numbers and special characters), click register button

d. Name field (with valid username and password entered)

(name field is optional and doesn't include any restrictions, nothing to test)

e. E-mail field (with valid username and password entered)

- leave e-mail field blank, click register button
- enter a random string, click register button
- enter a string ending in '@', click register button (incomplete domain)
- enter enter a string in the format 'name@domain', click register button (no domain suffix like .com or .net)
- enter a valid e-mail, click register button

f. Test buttons (with valid username, password, name and e-mail entered)

- click 'cancel' button

2. Login page

a. URL navigation

- navigate to page using URL (<http://127.0.0.1:5000/>)

b. Test page buttons (non log in)

- click ‘Register’ button
- click ‘Website Change Log’ button

c. Login fields

- leave login fields blank, click log in button
- enter a random string in the username field, leave password field blank, click log in button
- enter a random string in the password field, leave username field blank, click login in button
- enter a registered username in the username field, and enter an incorrect password in the password field. Click the log in button.
- enter a valid username and password, click log in button

3. Website Changelog Page

- navigate to page using URL (<http://127.0.0.1:5000/changelog/>)
- click the ‘return to login page’ button

4. Update password page

a. URL navigation

- try navigating to page using URL (http://127.0.0.1:5000/update_password/)

b. Password update fields

- leave password field blank, click update password button
- enter an invalid password (11 characters), click update password button
- enter an invalid password (13 characters of whitespace characters), click update password button
- enter an invalid password (only composed of lowercase characters), click update password button
- enter an invalid password (only composed of upper/case characters), update password button
- enter an invalid password (only composed of uppercase characters, lowercase characters, and numeric characters), click update password button
- enter a valid password in the ‘new password’ field, enter a different password (that matches all requirements and is the same length as the valid password) in the ‘re-enter password’ field, and click the update password button
- enter a password in CommonPasswords.txt in the ‘new password’ field, enter the same password in the ‘re-enter password’ field, and click the update password button

-enter a new valid password in the ‘new password’ field, enter the same password in the ‘re-enter password’ field, and click the update password button

c. Test page buttons/links

- click the ‘password creation tips/guidelines’ link
- click the ‘Is your password among the 10,000 most common passwords?’ link
- click the ‘cancel’ button

5. New reminder page

a. URL navigation

- try navigating to page using URL
[\(http://127.0.0.1:5000/newReminderPage/\)](http://127.0.0.1:5000/newReminderPage/)

b. Reminder date/time field

- leave reminder date/time field blank, click the ‘make reminder’ button
- enter only a date in the reminder date/time field (leave the time section blank), click the ‘make reminder’ button
- enter only a time in the reminder date/time field (leave the date section blank), click the ‘make reminder’ button
- enter a date in the past, click the ‘make reminder’ button
- enter a valid datetime (in the future), click the ‘make reminder’ button.

c. Reminder title field (with valid reminder date/time entered)

- leave reminder title field blank, click the ‘make reminder’ button
- enter a reminder title composed of whitespace characters only, click the ‘make reminder’ button
- enter a reminder title 2 characters long, click the ‘make reminder’ button
- enter a reminder title > 100 characters long, click the ‘make reminder’ button
- enter a valid title, click the ‘make reminder’ button

d. Reminder tags field (with valid reminder date/time and title entered)

- enter reminder tag string whose length > 350 characters, and click the ‘make reminder’ button
- enter a valid reminder tag string (<350 characters) and click the ‘make reminder’ button

e. Reminder description field (with valid reminder date/time, title, and tags entered)

- enter reminder description string whose length > 1500 characters, and click the ‘make reminder’ button

- enter a valid reminder description string (length < 1500 characters) whose reminder date time is within the next 24 hours, and click the ‘make reminder’ button
- enter a valid reminder description string (length < 1500 characters) whose reminder date time is within the next week and > 24 hours away, and click the ‘make reminder’ button
- enter a valid reminder description string (length < 1500 characters) whose reminder date time is within the next month and > 1 week away, and click the ‘make reminder’ button
- enter a valid reminder description string (length < 1500 characters) whose reminder date time is within the next year and > 1 month away, and click the ‘make reminder’ button

f. Test page buttons

- click the ‘cancel’ button

6. User homepage

a. URL navigation

- try navigating to page using URL (http://127.0.0.1:5000/user_homepage/)

b. Test page links

- click the ‘get worldwide time-related information’ link

c. Test page buttons

- click the “Next 24 Hours” button (get reminders within 24 hours)
- click the “Next Week” button (get reminders within next week)
- click the “Next Month” button (get reminders within next month)
- click the “Next Year” button (get reminders within next year)
- click the “Expired Reminders” button (get expired reminders)
- click the “new reminder” button
- click the “update password” button
- click the “logout” button

TEST TABLE – Unit 1 (Registration Page)

Test Number	Input	Expected Output	Actual Output	Pass?
1aa	Enter URL ‘http://127.0.0.1:5000/register/’ in the	The user registration page is loaded.	The user registration page is loaded.	Yes

	address bar and press enter.			
1ba	Leave ‘username’ textbox field blank, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the username they entered is valid).	The page reloads with a message telling the user the username they entered is invalid.	No
1bb	Enter ‘123’ in the ‘username’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the username they entered is valid).	The page reloads with a message telling the user the username they entered is invalid.	No
1bc	Enter ‘thisusernameis21+ chars’ in the ‘username’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the	The page reloads with a message telling the user the username they entered is invalid.	No

		username they entered is valid).		
1bd	Enter ‘ ’ in the ‘username’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the username they entered is valid).	The page reloads with a message telling the user the username they entered is invalid.	No
1be	Enter ‘Jacob’ in the ‘username’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the username they entered is valid).	The page reloads with a message telling the user the password they entered is invalid (meaning the username that was entered was valid).	Yes
1ca	Enter a valid username and leave the ‘password’ textbox field blank, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the	The page reloads with a message telling the user the password they entered is invalid.	No

		password they entered is valid).		
1cb	Enter a valid username, enter 'nqbdjfzwmcy' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the password they entered is valid).	The page reloads with a message telling the user the password they entered is invalid.	No
1cc	Enter a valid username, enter a whitespace string 13 characters long ' ' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the password they entered is valid).	The page reloads with a message telling the user the password they entered is invalid.	No
1cd	Enter a valid username, enter 'plsdafgtqwert' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the	The page reloads with a message telling the user the password they entered is invalid.	No

		password they entered is valid).		
1ce	Enter a valid username, enter 'FgKjLmNpQrSt' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the password they entered is valid).	The page reloads with a message telling the user the password they entered is invalid.	No
1cf	Enter a valid username, enter 'R7tPm3KIQ9aW' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the password they entered is valid).	The page reloads with a message telling the user the password they entered is invalid.	No
1cg	Enter a valid username, enter '@b2E!sD9pZqR' in the 'password' textbox field, and click the 'register' button.	The page reloads with a message telling the user they have been successfully registered (if all information is properly entered) or the page reloads with an error message for another field (meaning the password they entered is valid).	The page reloads with a message telling the user the e-mail they entered is invalid (meaning the password that was entered was valid).	Yes

		password they entered is valid).		
1ea	Enter a valid username, valid password, leave the ‘e-mail’ textbox field blank, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered.	The page reloads with a message telling the user the e-mail they entered is invalid.	No
1eb	Enter a valid username, valid password, enter ‘@b2E!sD9pZqR’ into the ‘e-mail’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered.	The page reloads with a message telling the user the e-mail they entered is invalid.	No
1ec	Enter a valid username, valid password, enter ‘gH3kL9s5f2A@’ into the ‘e-mail’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered.	The page reloads with a message telling the user the e-mail they entered is invalid.	No
1ed	Enter a valid username, valid password, enter ‘abc123@def456’ into the ‘e-mail’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered.	The page reloads with a message telling the user the e-mail they entered is invalid.	No
1ee	Enter a valid username, valid password, enter ‘testuser@mailprovider.com’ into the ‘e-mail’ textbox field, and click the ‘register’ button.	The page reloads with a message telling the user they have been successfully registered.	The page reloads with a message telling the user they have been successfully registered.	Yes
1fa	Click the ‘cancel’ button.	The index/login page is loaded.	The index/login page is loaded.	Yes

TEST TABLE – Unit 2 (Login Page)

Test Number	Input	Expected Output	Actual Output	Pass?
2aa	Enter URL http://127.0.0.1:5000/ in the address bar and press enter.	The login/index page is loaded.	The login/index page is loaded.	Yes
2ba	Click the ‘Register’ button	The registration page is loaded.	The registration page is loaded.	Yes
2bb	Click the “Website Change Log” button	The website change log page is loaded.	The website change log page is loaded.	Yes
2ca	Leave the ‘username’ and ‘password’ fields blank, click the ‘Log In!’ button.	The page loads the user homepage and the user is successfully logged in.	The login/index page is reloaded with an error message stating that the username entered was not found.	No
2cb	Enter ‘username123’ in the username field, leave the password field blank, and click the ‘Log In!’ button.	The page loads the user homepage and the user is successfully logged in.	The login/index page is reloaded with an error message stating that the username entered was not found.	No
2cc	Leave the username field blank, enter ‘password123’ in the password field, and click the ‘Log In!’ button.	The page loads the user homepage and the user is successfully logged in.	The login/index page is reloaded with an error message stating that the username entered was not found.	No
2cd	Enter ‘Jacob’ in the username field, ‘password123’ in the password field, and click the ‘Log In!’ button.	The page loads the user homepage and the user is successfully logged in.	The login/index page is reloaded with an error message stating that the password entered was	No

			incorrect.	
2ce	Enter ‘Jacob’ in the username field, ‘@b2E!sD9pZqR’ in the password field and click the ‘Log In!’ button.	The page loads the user homepage and the user is successfully logged in.	The page loads the user homepage and the user is successfully logged in.	Yes

TEST TABLE – Unit 3 (Change log page)

Test Number	Input	Expected Output	Actual Output	Pass?
3aa	Enter URL http://127.0.0.1:5000/changelog/ in the address bar and press enter.	The change log page is loaded.	The change log page is loaded.	Yes
3ab	Click the ‘Return to Login Page’ button.	The index/log in page is loaded.	The index/log in page is loaded.	Yes

TEST TABLE – Unit 4 (Update password page)

Test Number	Input	Expected Output	Actual Output	Pass?
4aa	Enter URL http://127.0.0.1:5000/update_password/ in the address bar and press enter.	The website loads the index/login page and displays a message telling the user they need to log in first. (A requirement in Lab 7 states that a user can only access the password login page if they have logged in already)	The website loads the index/login page and displays a message telling the user they need to log in first.	Yes
4ba	Leave the ‘new password’ and ‘re-enter password’ fields blank, and click the ‘Update	The update password page is reloaded with a confirmation message that the	The update password page is reloaded with an error message stating that the new	No

	‘Password’ button.	user’s password was successfully updated.	password is invalid.	
4bb	Enter the password ‘nqbdjfzwmcy’ in both the ‘new password’ and ‘re-enter password’ textbox fields, and click the ‘Update Password’ button.	The update password page is reloaded with a confirmation message that the user’s password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4bc	Enter the password ‘ ’ in both the ‘new password’ and ‘re-enter password’ textbox fields, and click the ‘Update Password’ button.	The update password page is reloaded with a confirmation message that the user’s password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4bd	Enter the password ‘plsdafgtqwert’ in both the ‘new password’ and ‘re-enter password’ textbox fields, and click the ‘Update Password’ button.	The update password page is reloaded with a confirmation message that the user’s password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4be	Enter the password ‘FgKjLmNpQrSt’ in both the ‘new password’ and ‘re-enter password’ textbox fields, and click the ‘Update Password’ button.	The update password page is reloaded with a confirmation message that the user’s password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4bf	Enter the password ‘R7tPm3KlQ9aW’ in both the ‘new password’ and ‘re-enter password’ textbox fields, and click the ‘Update Password’ button.	The update password page is reloaded with a confirmation message that the user’s password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4bg	Enter the password	The update	The update	No

	'a2B!r8Qp\$XwZ' in the 'new password' textbox field, 'T5@hK9*yPqW3' in the 're-enter password' textbox field, and click the 'Update Password' button.	password page is reloaded with a confirmation message that the user's password was successfully updated.	password page is reloaded with an error message stating that the new password is invalid.	
4bh	Enter the password 'qwerty' in both the 'new password' and 're-enter password' textbox fields, and click the 'Update Password' button. [password is from CommonPasswords.txt]	The update password page is reloaded with a confirmation message that the user's password was successfully updated.	The update password page is reloaded with an error message stating that the new password is invalid.	No
4bi	Enter the password 'a2B!r8Qp\$XwZ' in both the 'new password' and 're-enter password' textbox fields, and click the 'Update Password' button.	The update password page is reloaded with a confirmation message that the user's password was successfully updated.	The update password page is reloaded with a confirmation message that the user's password was successfully updated.	Yes
4ca	Click the 'Password Creation Tips/Guidelines' link.	A new tab is loaded with the website that the link points to: https://support.microsoft.com/en-us/windows/create-and-use-strong-passwords-c5cebb49-8c53-4f5e-2bc4-fe357ca048eb	A new tab is loaded with the website that the link points to: https://support.microsoft.com/en-us/windows/create-and-use-strong-passwords-c5cebb49-8c53-4f5e-2bc4-fe357ca048eb	Yes
4cb	Click the 'Is your password among the 10,000 most common'	A new tab is loaded with the website that the link points to:	A new tab is loaded with the website that the link points to:	Yes

	passwords?’ link.	https://github.com/danielmiessler/SecLists/blob/master/Passwords/Common-Credentials/10-million-password-list-top-10000.txt	https://github.com/danielmiessler/SecLists/blob/master/Passwords/Common-Credentials/10-million-password-list-top-10000.txt	
4cc	Click the ‘Cancel’ button.	The user homepage is loaded.	The user homepage is loaded.	Yes

TEST TABLE – Unit 5 (New reminder page)

Test Number	Input	Expected Output	Actual Output	Pass?
5aa	Enter URL ‘(http://127.0.0.1:5000/newReminderPage)’ in the address bar and press enter.	The website loads the index/login page and displays a message telling the user they need to log in first. (A requirement in Lab 7 states that routes beyond the register route shouldn’t be accessible until a user logs in. And without a logged in user to associate the new reminder with, the website would be unable to store it.)	The website loads the index/login page and displays a message telling the user they need to log in first.	Yes
5ba	Leave the ‘Reminder Date/Time’ field blank, and click the ‘Make Reminder’ button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder date/time	The page reloads with an error message stating the reminder date/time is invalid.	No

		they entered is valid).		
5bb	Enter the date '3/31/2024' and leave the time section blank in the 'Reminder Date/Time' field, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder date/time they entered is valid).	The reminder date/time control displays a message stating to enter a valid date and time.	No
5bc	Enter the time '7:00 PM' and leave the date section blank in the 'Reminder Date/Time' field, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder date/time they entered is valid).	The reminder date/time control displays a message stating to enter a valid date and time.	No
5bd	Enter the date '3/30/2024' and the time '7:00 PM' in the 'Reminder Date/Time' field, and click the 'Make Reminder' button. [date is in the past]	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder date/time	The page reloads with an error message stating the reminder date/time is invalid.	No

		they entered is valid).		
5be	Enter the date '3/31/2024' and the time '7:00 PM' in the 'Reminder Date/Time' field, and click the 'Make Reminder' button. [date is in the past]	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder date/time they entered is valid).	The page reloads with a message telling the user that the reminder title they entered was invalid, indicating the reminder date/time they entered was valid.	Yes
5ca	Enter a valid date/time in the 'Reminder Date/Time' field, leave the 'Reminder Title' field blank, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder title they entered is valid).	The page reloads with an error message stating the reminder title is invalid.	No
5cb	Enter a valid date/time in the 'Reminder Date/Time' field, and ' ' in the 'Reminder Title' field, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder title they entered is valid).	The page reloads with an error message stating the reminder title is invalid.	No

5cc	Enter a valid date/time in the ‘Reminder Date/Time’ field, and ‘ti’ in the ‘Reminder Title’ field, and click the ‘Make Reminder’ button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder title they entered is valid).	The page reloads with an error message stating the reminder title is invalid.	No
5cd	Enter a valid date/time in the ‘Reminder Date/Time’ field, enter ‘Prepare for Quarterly Review: Analyze Performance, Set Goals, Align Strategies, and Review Q1 Progress’ in the ‘Reminder Title’ field, and click the ‘Make Reminder’ button. [title > 100 characters long)	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder title they entered is valid).	The page reloads with an error message stating the reminder title is invalid.	No
5ce	Enter a valid date/time in the ‘Reminder Date/Time’ field, enter ‘Website Lab Test 5ce’ in the ‘Reminder Title’ field, and click the ‘Make Reminder’ button.	The page reloads with a message telling the user the reminder was saved (if all information is properly entered) or the page reloads with an error message for another field (meaning the reminder title they entered is valid).	The page reloads with a message telling the user that the reminder was saved, indicating the reminder title was valid.	Yes

5da	<p>Enter a valid date/time in the ‘Reminder Date/Time’ field, enter a valid reminder title in the ‘Reminder Title’ field, and enter ‘PROGRAMMING, CODING, DEVELOPMENT, SOFTWARE, ENGINEERING, ALGORITHMS, DATASTRUCTURES, COMPUTERSCIENCE, SOFTWAREDEVELOPMENT, CLOUDCOMPUTING, PROGRAMMING, CODING, DEVELOPMENT, SOFTWARE, ENGINEERING, ALGORITHMS, DATASTRUCTURES, COMPUTERSCIENCE, SOFTWAREDEVELOPMENT, CLOUDCOMPUTING, PROGRAMMING, CODING, DEVELOPMENT, SOFTWARE, ENGINEERING, ALGORITHMS, DATASTRUCTURES, COMPUTERSCIENCE</p>	<p>The page reloads with a message telling the user the reminder was saved.</p>	<p>The page reloads with a message telling the user the reminder tag they entered was too long, and to shorten it and try again.</p>	No
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	NCE, SOFTWAREDEV ELOPMENT, CLOUDCOMPUT ING' in the 'Reminder Tags' field, and click the 'Make Reminder' button [reminder tag section > 350 characters)			
5db	Enter a valid date/time in the 'Reminder Date/Time' field, a valid reminder title in the 'Reminder Title' field, and enter 'TAG1, TAG2, TAG3' in the 'Reminder Tags' field, and click the 'Make Reminder' button	The page reloads with a message telling the user the reminder was saved.	The page reloads with a message telling the user the reminder was saved.	Yes
5ea	Enter a valid date/time in the 'Reminder Date/Time' field, a valid reminder title in the 'Reminder Title' field, and enter '[reminder whose length is > 1500 characters long – lorem ipsum 4x]' in the 'Reminder Description' field, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved.	The page reloads with an error message stating that the reminder the user entered is invalid, and to shorten it and try again.	No
5eb	Enter a date/time within the next 24 hours ['4/1/2024 10:00 am] in the	The page reloads with a message telling the user the reminder was	The page reloads with a message telling the user the reminder was	Yes

	<p>‘Reminder Date/Time’ field, enter a valid reminder title [‘Next day reminder’] in the ‘Reminder Title’ field, enter a valid reminder tag [‘TOMORROW’] in the ‘Reminder Tags’ field, enter a valid reminder description [‘This reminder tests reminder filtering within the next 24 hours.’] in the ‘Reminder Description’ field, and click the ‘Make Reminder’ button.</p>	saved.	saved.	
5ec	<p>Enter a date/time within the next week [‘4/6/2024 10:00 am’] in the ‘Reminder Date/Time’ field, enter a valid reminder title [‘Next week reminder’] in the ‘Reminder Title’ field, enter a valid reminder tag [‘THIS_WEEK’] in the ‘Reminder Tags’ field, enter a valid reminder description [‘This reminder tests reminder filtering within the next week.’] in the ‘Reminder</p>	The page reloads with a message telling the user the reminder was saved.	The page reloads with a message telling the user the reminder was saved.	Yes

	Description' field, and click the 'Make Reminder' button.			
5ed	Enter a date/time within the next month ['4/25/2024 10:00 am] in the 'Reminder Date/Time' field, enter a valid reminder title ['Next month reminder'] in the 'Reminder Title' field, enter a valid reminder tag ['THIS_MONTH'] in the 'Reminder Tags' field, enter a valid reminder description ['This reminder tests reminder filtering within the next month.'] in the 'Reminder Description' field, and click the 'Make Reminder' button.	The page reloads with a message telling the user the reminder was saved.	The page reloads with a message telling the user the reminder was saved.	Yes
5ee	Enter a date/time within the next year ['10/25/2024 10:00 am] in the 'Reminder Date/Time' field, enter a valid reminder title ['Next year reminder'] in the 'Reminder Title' field, enter a valid reminder tag ['NEXT_YEAR']	The page reloads with a message telling the user the reminder was saved.	The page reloads with a message telling the user the reminder was saved.	Yes

	in the ‘Reminder Tags’ field, enter a valid reminder description [‘This reminder tests reminder filtering within the next year.’] in the ‘Reminder Description’ field, and click the ‘Make Reminder’ button.			
5fa	Click the ‘Cancel’ button.	The user homepage is loaded.	The user homepage is loaded.	Yes

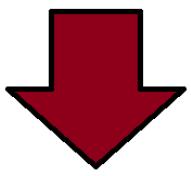
TEST TABLE – Unit 6 (User home page)

Test Number	Input	Expected Output	Actual Output	Pass?
6aa	Enter URL ‘(http://127.0.0.1:5000/user_homepage/)’ in the address bar and press enter.	The website loads the index/login page and displays a message telling the user they need to log in first. (A requirement in Lab 7 states that routes beyond the register route shouldn’t be accessible until a user logs in. Also, reminders are associated with users – if a user isn’t logged in then their reminders can’t be retrieved.)	The website loads the index/login page and displays a message telling the user they need to log in first.	Yes
6ba	Click the ‘Get worldwide time-related information’ link.	A new tab is loaded with the website that the link points to: https://www.timeanddate.com/worldclock/	A new tab is loaded with the website that the link points to: https://www.timeanddate.com/worldclock/	Yes

6ca	Click the 'Next 24 Hours' button.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next 24 hours.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next 24 hours.	Yes
6cb	Click the 'Next Week' button.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next week.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next week.	Yes
6cc	Click the 'Next Month' button.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next month.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next month.	Yes
6cd	Click the 'Next Year' button.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next year.	The user homepage is reloaded, with the table in the middle displaying all reminders due within the next year.	Yes
6ce	Click the 'Expired Reminders' button.	The user homepage is reloaded, with the table in the middle displaying all reminders that have been expired for up to 72 hours.	The user homepage is reloaded, with the table in the middle displaying all reminders that have been expired for up to 72 hours.	Yes
6cf	Click the 'New Reminder' button.	The new reminder page is loaded.	The new reminder page is loaded.	Yes
6cg	Click the 'Update Password' button.	The password update page is loaded.	The password update page is loaded.	Yes
6ch	Click the 'Log Out' button.	The index/log in page is displayed, with a message	The index/log in page is displayed, with a message	Yes

		stating that the user is logged out.	stating that the user is logged out.	
--	--	---	---	--

Figure 1aa



Press enter key to load page

127.0.0.1:5000/register/

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 1ba

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **Register** **Cancel**

'Register' button is clicked.

127.0.0.1:5000/register/  

Register for Pynote

Username is invalid! Please enter a username that is not composed solely of whitespace characters.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

Figure 1bb

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.





'Register' button is clicked.

127.0.0.1:5000/register/  

Register for Pynote

Username is invalid! Please enter a username that is not composed solely of whitespace characters.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 1bc

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **Register** **Cancel**

'Register' button is clicked.

127.0.0.1:5000/register/  

Register for Pynote

Username is invalid! Please enter a username that is not composed solely of whitespace characters.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **Register** **Cancel**

Figure 1bd

127.0.0.1:5000/register/

Register for Pynote

Join the club!

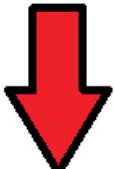
Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

 'Register' button is clicked.

127.0.0.1:5000/register/

Register for Pynote

Username is invalid! Please enter a username that is not composed solely of whitespace characters.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

Figure 1be

127.0.0.1:5000/register/

Register for Pynote

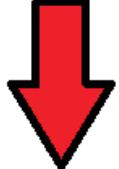
Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.


 **'Register' button is clicked.**

127.0.0.1:5000/register/

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.



Figure 1ca

127.0.0.1:5000/register/

Register for Pynote

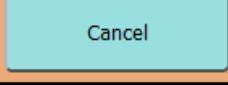
Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register**   **'Register' button is clicked.**

127.0.0.1:5000/register/

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

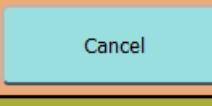
  

Figure 1cb

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **Register** **Cancel**

'Register' button is clicked.

127.0.0.1:5000/register/  

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

Figure 1cc

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

 'Register' button is clicked.

127.0.0.1:5000/register/ A 

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

Figure 1cd

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel



'Register' button is clicked.

127.0.0.1:5000/register/ A 

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

Figure 1ce

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel



'Register' button is clicked.

127.0.0.1:5000/register/ A 

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

Figure 1cf

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **'Register' button is clicked.**

127.0.0.1:5000/register/  

Register for Pynote

Password is invalid! Please ensure you follow all password criteria when making a password.

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 1cg

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel



'Register' button is clicked.

127.0.0.1:5000/register/ A 

Register for Pynote

E-mail is invalid! Please enter a valid e-mail. Example: 'johndoe@example.com'

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

Figure 1ea

127.0.0.1:5000/register/

Register for Pynote

Join the club!

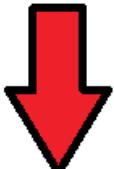
Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

 'Register' button is clicked.

127.0.0.1:5000/register/

Register for Pynote

E-mail is invalid! Please enter a valid e-mail. Example: 'johndoe@example.com'

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

 **Register** **Cancel**

Figure 1eb

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **'Register' button is clicked.**

127.0.0.1:5000/register/  

Register for Pynote

E-mail is invalid! Please enter a valid e-mail. Example: 'johndoe@example.com'

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 1ec

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **'Register' button is clicked.**

127.0.0.1:5000/register/  

Register for Pynote

E-mail is invalid! Please enter a valid e-mail. Example: 'johndoe@example.com'

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 1ed

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

 'Register' button is clicked.

127.0.0.1:5000/register/ A 

Register for Pynote

E-mail is invalid! Please enter a valid e-mail. Example: 'johndoe@example.com'

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel

Figure 1ef

127.0.0.1:5000/register/  

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

  **'Register' button is clicked.**

127.0.0.1:5000/register/  

Register for Pynote

Welcome Jacob! You have been successfully registered for Pynote!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure DB-1

The screenshot shows the SQLite Viewer interface. At the top, there's a blue header bar with the title "SQLite Viewer" and a sub-header "view sqlite file online". On the right side of the header is a small icon with two arrows pointing diagonally. Below the header, there's a large text input field with the placeholder "Drop file here to load content or click on this box to open file dialog.". To the right of this input field are two buttons: "Export" with a dropdown arrow and a blue "Execute" button. Underneath the input field, there's a search bar containing the query "SELECT * FROM 'users' LIMIT 0,30". Below the search bar is a table with the following data:

user_id	username	name	email	password_hash
f353cdc9-0ed2-4d60-abd2-1e14c2d6...	Jacob	Anonymous	testuser@mailserver.com	\$5\$rounds=535000\$YcfxyJeNMvJMZ0vA\$B/DKy4LzaKoVeOr1qLF.me8noz5N4QJOhZfMSiczW13

At the bottom of the table, there are navigation buttons: a left arrow, a center button labeled "1 / 1", and a right arrow.

Figure 1fa

127.0.0.1:5000/register/ A 

Register for Pynote

Join the club!

Username Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Register Cancel



127.0.0.1:5000 A 

Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

Log in!

Register Website Change log

Figure 2aa

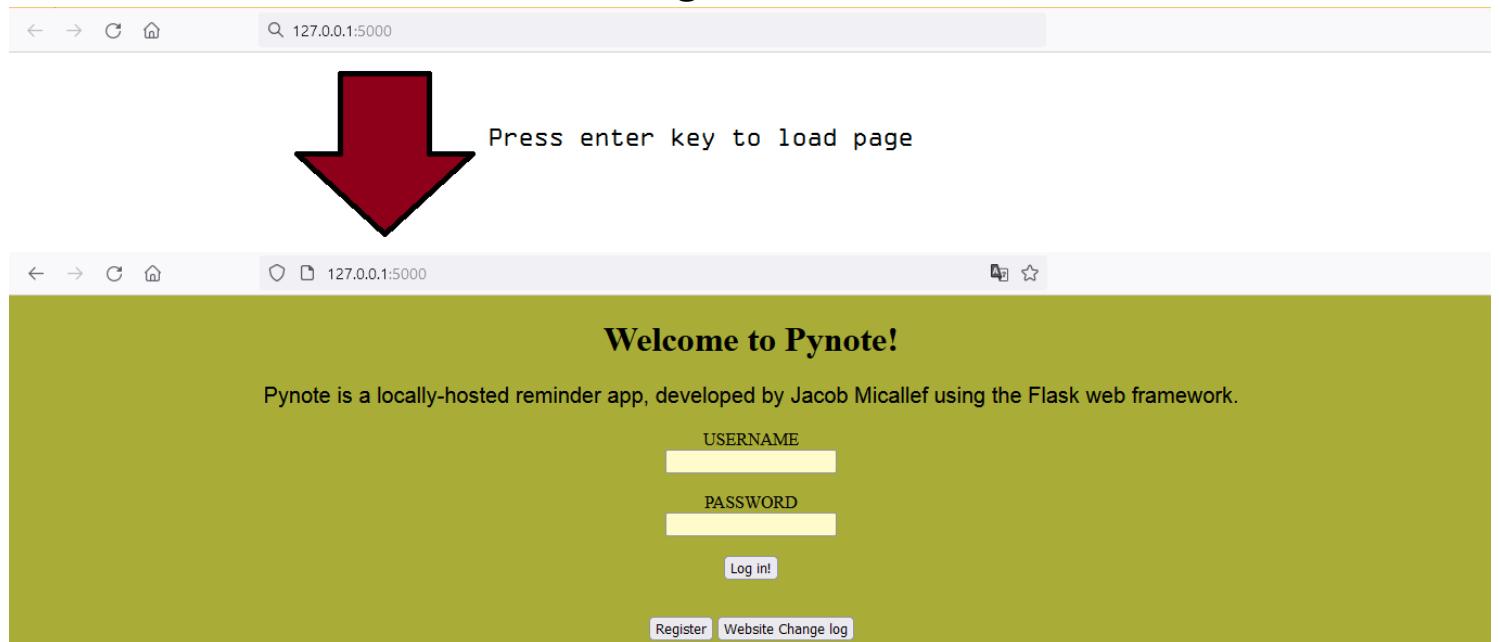


Figure 2ba

127.0.0.1:5000

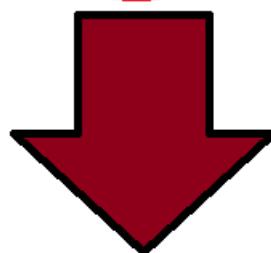
Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)



Register button is clicked.

127.0.0.1:5000/register/

Register for Pynote

Join the club!

Username
 Please enter a username that is a minimum of 4 characters and a maximum of 20 characters. All whitespace characters will be removed and not count towards the password length.

Password
 Please enter a password that is at least 12 characters long. It must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length.

Name
 Please enter your name. You can leave this field blank if you'd like to remain anonymous.

E-mail
 Please enter your email address, in case we need to get in touch with you. Please enter an email formatted like 'johndoe@example.com'.

Figure 2bb

The screenshot shows a web browser window with the URL `127.0.0.1:5000`. The title bar says "Welcome to Pynote!". Below it, a message states "Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework." There are two input fields labeled "USERNAME" and "PASSWORD", followed by a "Log in!" button. At the bottom, there are two links: "Register" and "Website Change log". A large red arrow points from the text "Website Change Log button is pressed" down to the "Website Change log" link.

Website Change Log button is pressed

127.0.0.1:5000/changelog/

Pynote Changelog

A page containing a list of updates to the website and respective details.

Version	Date	Changes
4.0	29 March 2024	<ul style="list-style-type: none">Consolidated/refactored CSS stylesheets into a single documentTested user authentication (verified can't access pages aside from login/registration/changelog unless logging in)Tested login pageTested user registration page/processTested reminder creation pageTested user homepageTested password update page
3.0	24 March 2024	<ul style="list-style-type: none">Created html/css for password update pageCreated flask event handler for password update pageCreated functions to handle password update validation/entry in user info databaseAdded links to websites for password creation help, most common password list, and world time/date related information.
		<ul style="list-style-type: none">Created flask event handler for user homepageCreated homepage html/css

Figure 2ca

127.0.0.1:5000

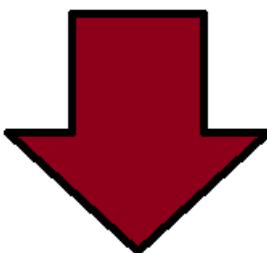
Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)



Log in! button is pressed

127.0.0.1:5000

Welcome to Pynote!

Error! Your username wasn't found, please try again or register.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)

Figure 2cb

A screenshot of a web browser displaying the Pynote login page. The URL in the address bar is 127.0.0.1:5000. The page title is "Welcome to Pynote!". Below the title, a message states: "Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework." There are two input fields: "USERNAME" containing "username123" and "PASSWORD" (empty). Below the password field is a "Log in!" button, which is circled in red. At the bottom of the form are two links: "Register" and "Website Change log".



A screenshot of a web browser displaying the Pynote login page. The URL in the address bar is 127.0.0.1:5000. The page title is "Welcome to Pynote!". Below the title, a message states: "Error! Your username wasn't found, please try again or register." There are two input fields: "USERNAME" (empty) and "PASSWORD" (empty). Below the password field is a "Log in!" button. At the bottom of the form are two links: "Register" and "Website Change log".

Figure 2cc

127.0.0.1:5000

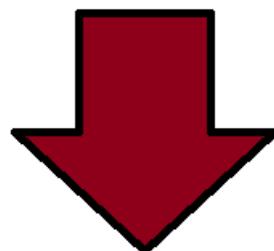
Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)



Log in! button is pressed

127.0.0.1:5000

Welcome to Pynote!

| Error! Your password is incorrect, please try again or reset it.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)

Figure 2cd

127.0.0.1:5000

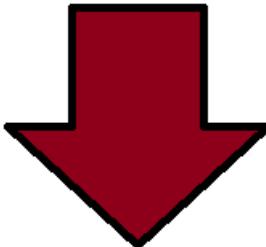
Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)



Log in! button is pressed

127.0.0.1:5000

Welcome to Pynote!

| Error! Your password is incorrect, please try again or reset it.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)

Figure DB-2

SQLite Viewer
view sqlite file online

Drop file here to load content or click on this box to open file dialog.

failed_logins (8 rows) Export ▾

```
SELECT * FROM 'failed_logins' LIMIT 0,30
```

Execute

event_id	event_datetime	event_ip_address
2f76865d-e13e-4756-8f76-5e3734b67715	2024-03-31 14:54:09.937116	127.0.0.1
11cca1f6-b73e-4a4c-b7fd-277eb0f8507e	2024-03-31 15:01:03.041961	127.0.0.1
cffcdf5c-d503-480b-a243-2120a1d36fed	2024-03-31 15:01:39.647429	127.0.0.1
67e0574e-1667-429c-aae5-925a9c6488f2	2024-03-31 15:02:29.883749	127.0.0.1

Figure 2ce

The figure consists of two screenshots of a web application named Pynote.

Login Page (Top Screenshot):

- The URL is 127.0.0.1:5000.
- The title is "Welcome to Pynote!".
- The subtext states: "Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework."
- Form fields:
 - USERNAME: Jacob
 - PASSWORD: (redacted)
- A red circle highlights the "Log in!" button.
- Buttons at the bottom: "Register" and "Website Change log".

Homepage (Bottom Screenshot):

- The URL is 127.0.0.1:5000.
- The title is "Homepage".
- The subtext says: "Time to get caught up!".
- The current date/time is displayed as 2024-03-31 15:11:21.608632.
- A table header with columns: Date/Time, Title, Description, Tags.
- Instructions (Left Sidebar):**

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

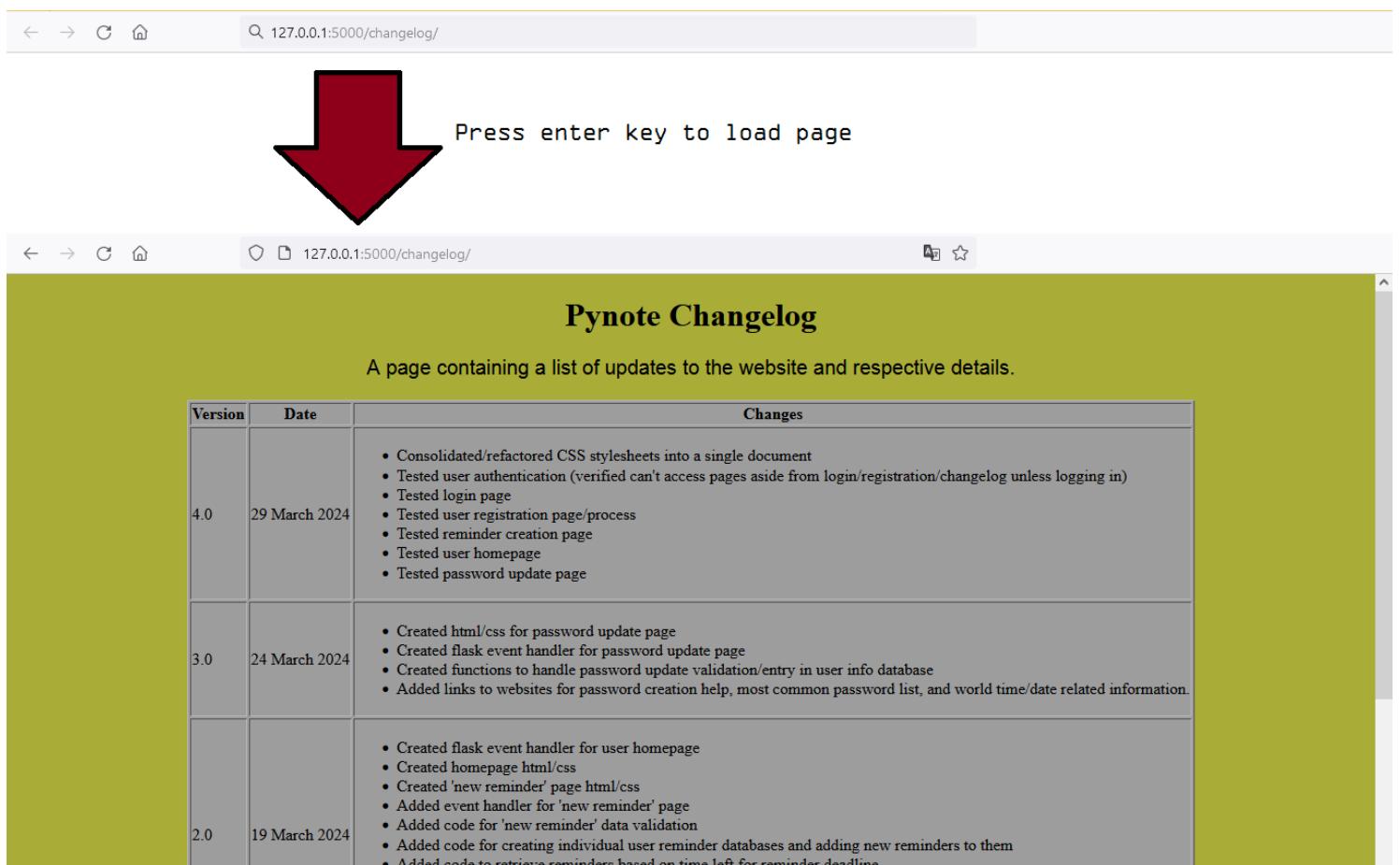
 - Within 24 hours
 - Between 24 and 48 hours
 - Between 48 and 72 hours
 - 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)
- Account Actions (Right Sidebar):**
 - Log Out
 - Update Password
- Reminder Actions (Right Sidebar):**
 - New Reminder
- Reminder Filters (Right Sidebar):**

	Next 24 Hours
	Next Week
	Next Month
	Next Year
Expired Reminders	

Figure 3aa



Press enter key to load page

127.0.0.1:5000/changelog/

Pynote Changelog

A page containing a list of updates to the website and respective details.

Version	Date	Changes
4.0	29 March 2024	<ul style="list-style-type: none">• Consolidated/refactored CSS stylesheets into a single document• Tested user authentication (verified can't access pages aside from login/registration/changelog unless logging in)• Tested login page• Tested user registration page/process• Tested reminder creation page• Tested user homepage• Tested password update page
3.0	24 March 2024	<ul style="list-style-type: none">• Created html/css for password update page• Created flask event handler for password update page• Created functions to handle password update validation/entry in user info database• Added links to websites for password creation help, most common password list, and world time/date related information.
2.0	19 March 2024	<ul style="list-style-type: none">• Created flask event handler for user homepage• Created homepage html/css• Created 'new reminder' page html/css• Added event handler for 'new reminder' page• Added code for 'new reminder' data validation• Added code for creating individual user reminder databases and adding new reminders to them• Added code to retrieve reminders based on time left for reminder deadline

Figure 3ab

Changelog		
Version	Date	Changes
3.0	24 March 2024	<ul style="list-style-type: none">Created html/css for password update pageCreated flask event handler for password update pageCreated functions to handle password update validation/entry in user info databaseAdded links to websites for password creation help, most common password list, and world time/date related information.
2.0	19 March 2024	<ul style="list-style-type: none">Created flask event handler for user homepageCreated homepage html/cssCreated 'new reminder' page html/cssAdded event handler for 'new reminder' pageAdded code for 'new reminder' data validationAdded code for creating individual user reminder databases and adding new reminders to themAdded code to retrieve reminders based on time left for reminder deadlineAdded image icons for reminder buttonsCreated changelog page html/cssCreated flask event handler for changelog page
1.0	14 March 2024	<ul style="list-style-type: none">Created server projectAdded CSS file for websiteCreated index/login page html/cssAdded flask event handler for index pageCreated registration page html/cssAdded event handler for registration pageAdded code for registration data validationAdded database initialization/access codeAdded code to add user data to database of usersAdded code to allow users to login/be authenticated and issue session tokens

Return to Login Page

Return to Login Page
button pressed.

Welcome to Pynote!

Pynote is a locally-hosted reminder app, developed by Jacob Micallef using the Flask web framework.

USERNAME

PASSWORD

[Register](#) [Website Change log](#)

Figure 4aa

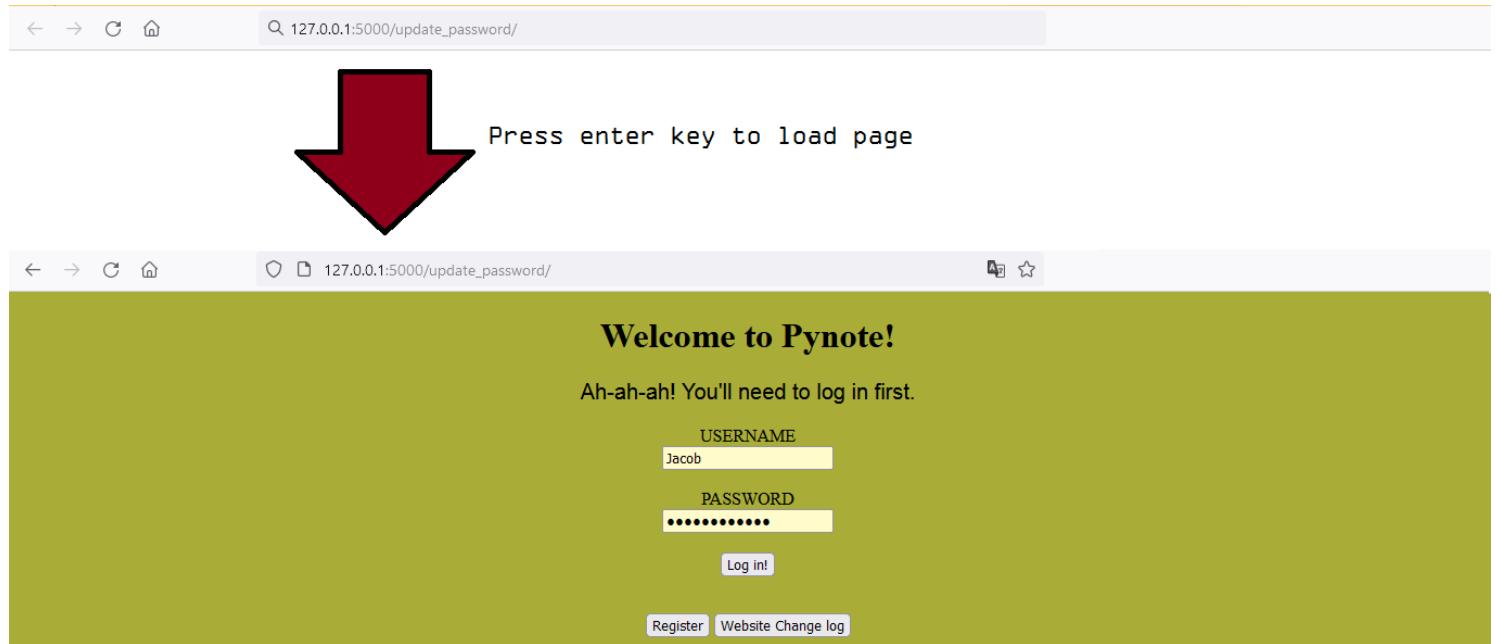


Figure 4ba

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

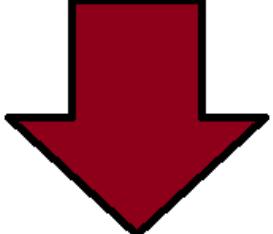
New Password Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

 Update Password button clicked

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bb

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

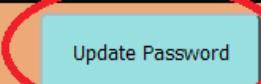
Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

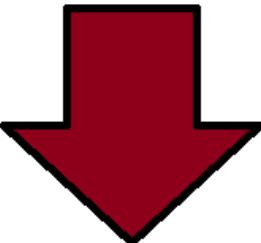
Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

 Update Password Cancel

 **Update Password button clicked**

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bc

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

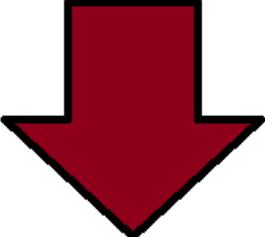
Re-enter Password ······

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

 Update Password button clicked

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bd

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

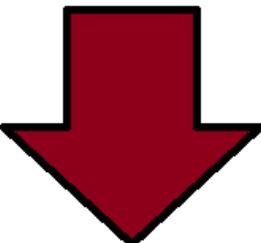
Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

 Update Password button clicked

Update Password

Cancel

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password

Cancel

Figure 4be

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

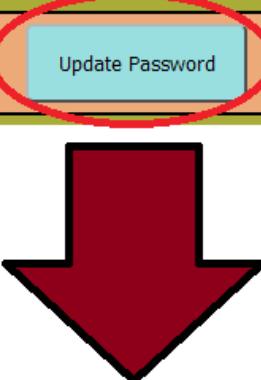
Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

 Update Password button clicked

Update Password

Cancel

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password

Cancel

Figure 4bf

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

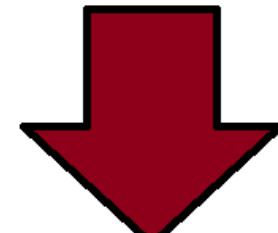
Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

 Update Password Cancel

 Update Password button clicked

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

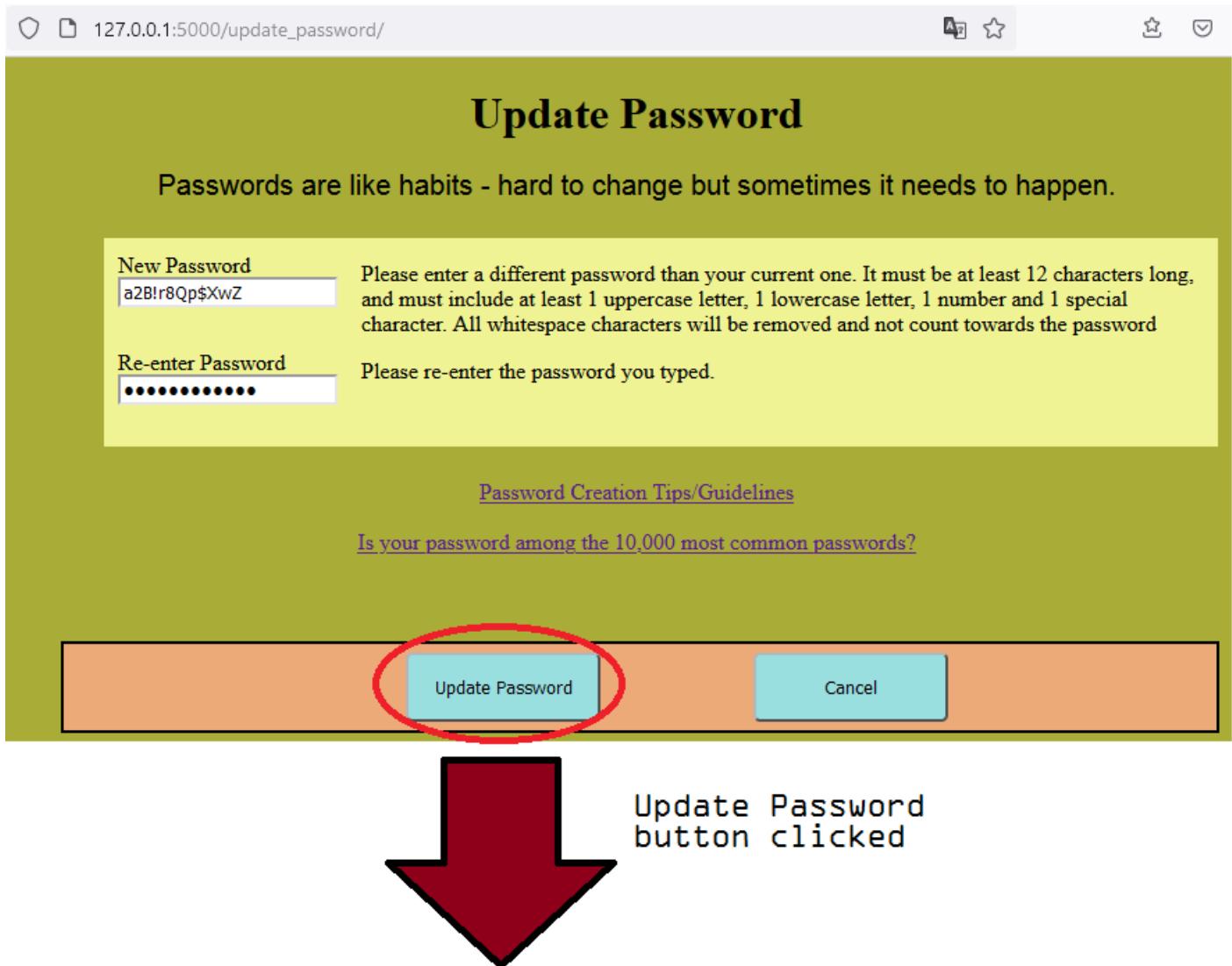
Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bg

127.0.0.1:5000/update_password/ 

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

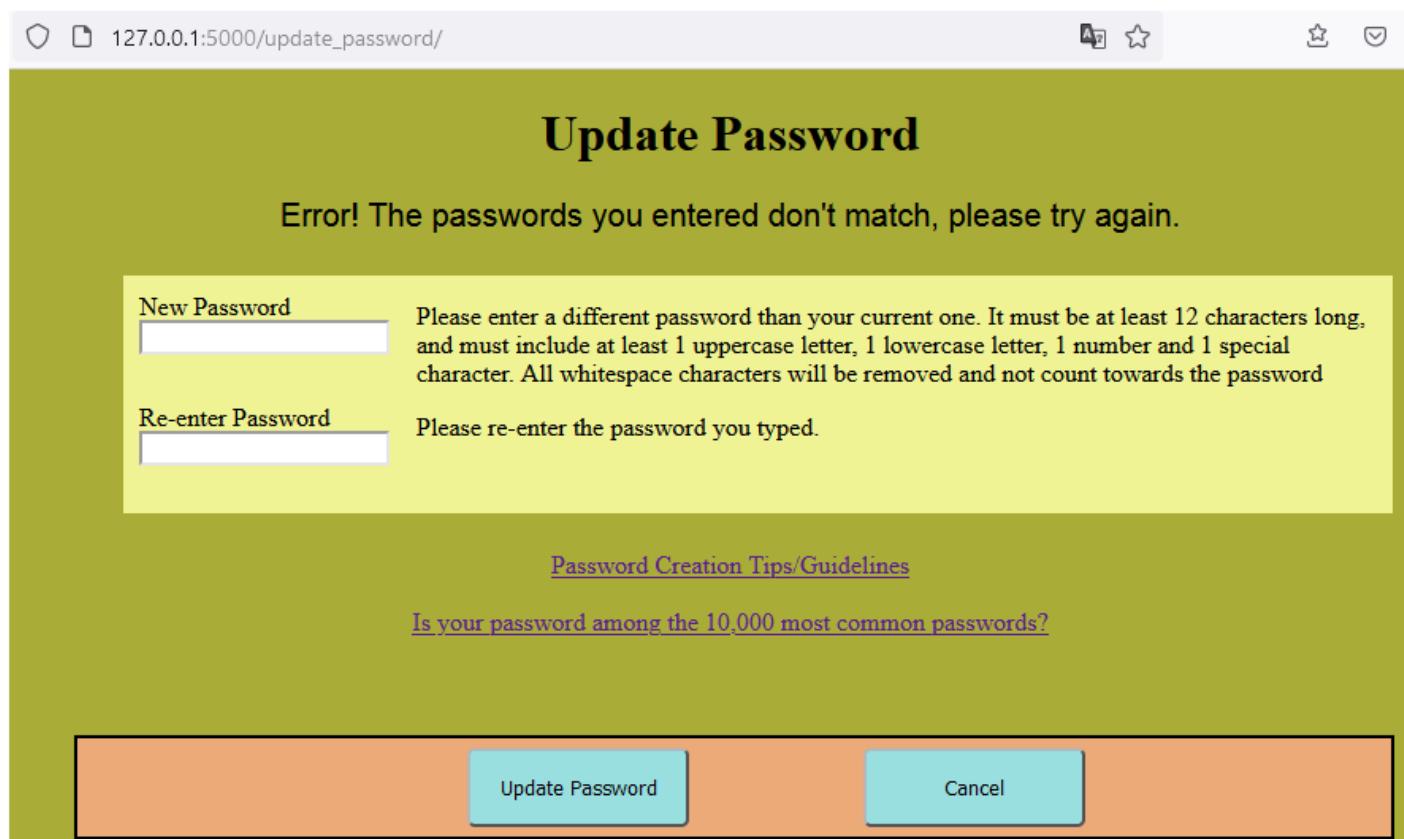
Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password  Cancel

Update Password button clicked

127.0.0.1:5000/update_password/ 

Update Password

Error! The passwords you entered don't match, please try again.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bh

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password button clicked

Update Password Cancel

127.0.0.1:5000/update_password/

Update Password

Password is invalid! Please ensure you follow all password criteria when making a password.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password Cancel

Figure 4bi

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password
 a2B!r8Qp\$XwZ

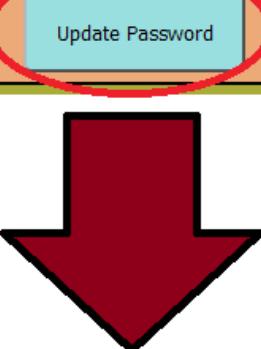
Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

 Update Password button clicked

Update Password

Cancel

127.0.0.1:5000/update_password/

Update Password

Your password has been changed! Click 'cancel' to return to the homepage.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Update Password

Cancel

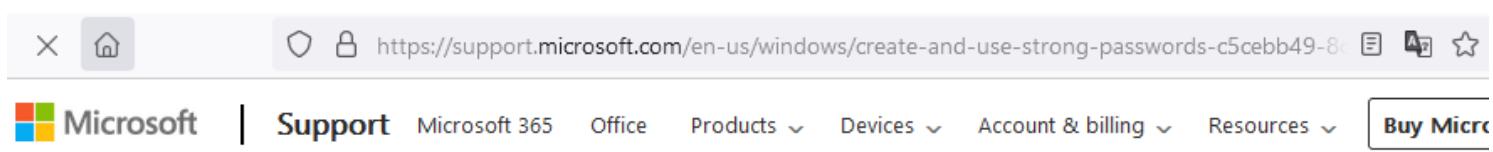
Figure DB-3

The screenshot shows the SQLite Viewer interface. At the top, there's a blue header bar with the title "SQLite Viewer" and a sub-header "view sqlite file online". On the right side of the header is a small icon with arrows pointing up and down. Below the header, there's a large text input field with the placeholder "Drop file here to load content or click on this box to open file dialog.". Underneath this is a search bar containing the text "users (1 rows)". To the right of the search bar are two buttons: "Export" and "Execute". Below these elements is a SQL query: "SELECT * FROM 'users' LIMIT 0,30". To the right of the query is a blue "Execute" button. The main content area displays a table with one row of data. The table has columns: "user_id", "username", "name", "email", and "password_hash". The "password_hash" column contains a long string of characters: "\$5\$rounds=535000\$I/OAEXMUwCt8alZF\$HckMKcn8JwvMf8YjvlIM6a5ufscLgctIehpW46kiuEe/". This string is highlighted with a blue rectangular box. At the bottom of the table is a navigation bar with three icons: a left arrow, a center icon labeled "1 / 1", and a right arrow.

user_id	username	name	email	password_hash
3d3ea4f9-8416-4226-94fe-c00311ac7...	Jacob	Anonymous	testuser@mailserver.com	\$5\$rounds=535000\$I/OAEXMUwCt8alZF\$HckMKcn8JwvMf8YjvlIM6a5ufscLgctIehpW46kiuEe/

Figure 4ca

A screenshot of a web browser showing a password update form. The page title is "Update Password". Below it is a sub-headline: "Passwords are like habits - hard to change but sometimes it needs to happen." The form contains two input fields: "New Password" and "Re-enter Password". To the right of the "New Password" field is a note: "Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length." Below the "Re-enter Password" field is another note: "Please re-enter the password you typed." At the bottom of the form is a button labeled "Password Creation Tips/Guidelines" with a red border. A large red arrow points from this button down to a corresponding link on a Microsoft support page below.



Create and use strong passwords

Security, Windows 10, Windows 8.1, Windows 7, Microsoft account dashboard

One of the most important ways to ensure that your online accounts are safe and secure is to protect your passwords. Follow this advice to help keep your accounts out of the wrong hands.

Create strong passwords

Password security starts with creating a strong password. A strong password is:

Figure 4cb

A screenshot of a web browser showing a password update form. The URL is 127.0.0.1:5000/update_password/. The page title is "Update Password". Below it is a sub-headline: "Passwords are like habits - hard to change but sometimes it needs to happen." The form contains two input fields: "New Password" and "Re-enter Password". To the right of the "New Password" field is a note: "Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password length." Below the "Re-enter Password" field is another note: "Please re-enter the password you typed." At the bottom of the form is a link: "Password Creation Tips/Guidelines". Below this is a red-bordered link: "Is your password among the 10,000 most common passwords?". A large red arrow points downwards from the top of the image towards the GitHub page.

Is your password
among the 10,000 most
common passwords?
link clicked

A screenshot of a GitHub repository page for "SecLists". The URL is https://github.com/danielmiessler/SecLists/blob/master/Passwords/Common-Credentials/10-million-password-list-top-10000.txt. The page shows a list of common passwords. At the top, there are navigation links for "Pull requests", "Actions", "Projects", "Wiki", "Security", and "Insights". On the right, there are buttons for "Notifications" and "Fork". The main content area displays the file content, which includes the following list of common passwords:

```
1 123456
2 password
3 12345678
4 qwerty
5 123456789
6 12345
7 1234
8 111111
9 1234567
10 dragon
```

Figure 4cc

127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

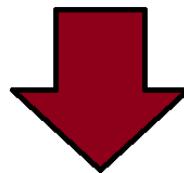
Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

[Is your password among the 10,000 most common passwords?](#)

Cancel button is clicked.



127.0.0.1:5000/user_homepage/

Homepage

Time to get caught up!

The current date/time is 2024-03-31 17:39:56.889558

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Account Actions

Reminder Actions

Reminder Filters

Figure 5aa

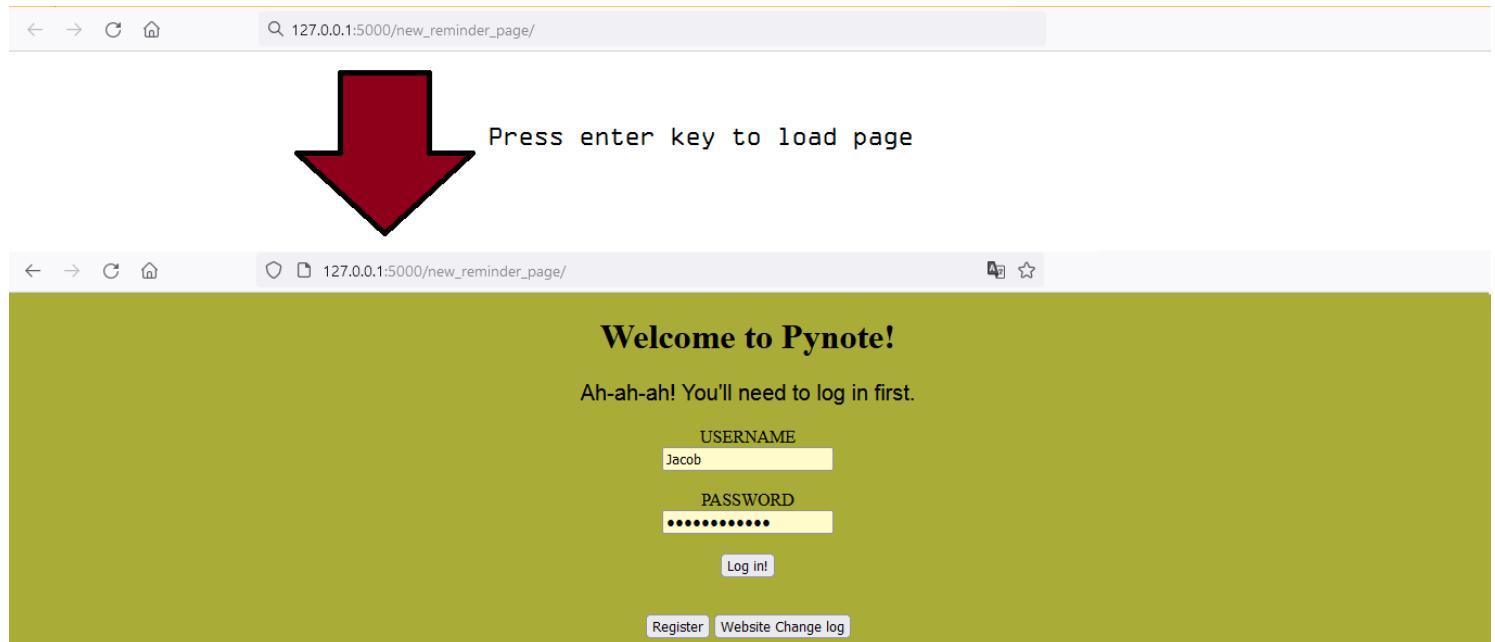


Figure 5ba

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
mm / dd / yyyy , -- : -- --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! The reminder date was invalid. Please pick a valid date in the future.

Reminder Date/Time
mm / dd / yyyy , -- : -- --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5bb

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
mm / dd / yyyy , -- : -- --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

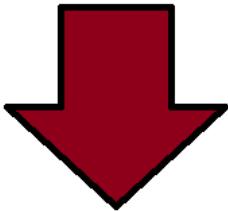
Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , -- : -- --

Please enter valid date and time.

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5bc

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , -- : -- --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

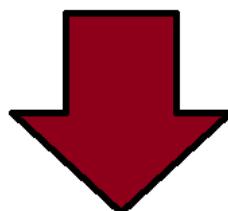
Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , -- : -- --
Please enter valid date and time.

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5bd

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 30 / 2024 , 07 : 00 PM 

Reminder Title

Reminder Tags

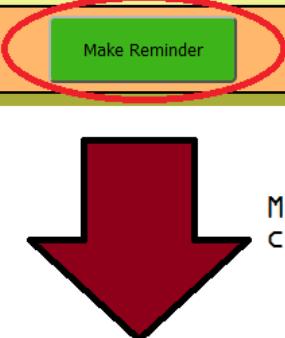
Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/details about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

 **Make Reminder** **Cancel**

Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! The reminder date was invalid. Please pick a valid date in the future.

Reminder Date/Time
mm / dd / yyyy , -- : -- 

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/details about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5be

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

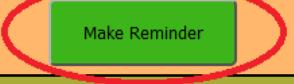
Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

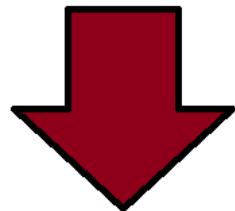
Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

 **Make Reminder** **Cancel**



Make Reminder button
clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! Your title was either too short or too long, please use a different title.

Reminder Date/Time
mm / dd / yyyy , -- : --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5ca

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

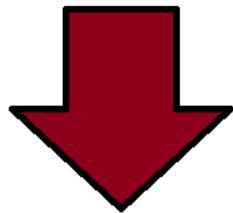
Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

 **Make Reminder** **Cancel**



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! Your title was either too short or too long, please use a different title.

Reminder Date/Time
mm / dd / yyyy , -- : --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5cb

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM 

Reminder Title

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Tags

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

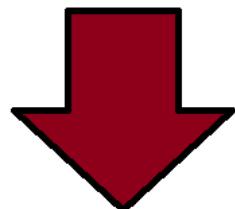
Reminder Description

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Buttons: Make Reminder  Cancel



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! Your title was either too short or too long, please use a different title.

Reminder Date/Time
mm / dd / yyyy , -- : -- : -- 

Reminder Title

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Tags

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Description

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Buttons: Make Reminder Cancel

Figure 5cc

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM

Reminder Title
ti

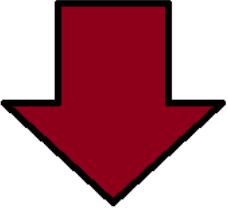
Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! Your title was either too short or too long, please use a different title.

Reminder Date/Time
mm / dd / yyyy , -- : --

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5cd

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024, 07 : 00 PM

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title
Analyze Performance, Set Goals, Align Strategies, and Review Q1 Progress

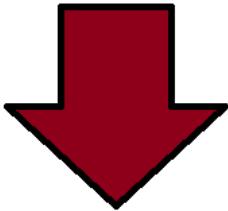
Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! Your title was either too short or too long, please use a different title.

Reminder Date/Time

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5ce

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024, 07 : 00 PM

Reminder Title
Website Lab Test 5ce

Reminder Tags

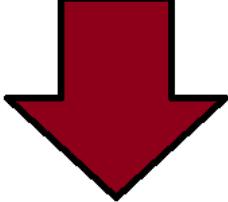
Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/details about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time
 mm / dd / yyyy, -- : -- --

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/details about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5da

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM

Reminder Title
Website Lab Test 5ce

Reminder Tags
PROGRAMMING, CODING, DEVELOPMENT, SOFTWARE, ENGINEERING, ALGORITHMS, ~~DATASTRUCTURES~~

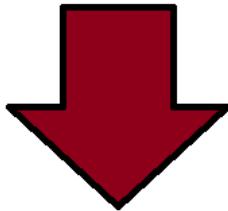
Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

The tag string you entered is too long (>350 characters). Please shorten the reminder tag string and try again.

Reminder Date/Time

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5db

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
03 / 31 / 2024 , 07 : 00 PM

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title
Website Lab Test 5ce

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

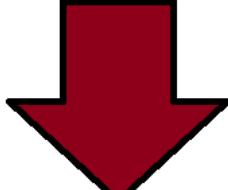
Reminder Tags
TAG1, TAG2, TAG3

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

 **Make Reminder** **Cancel**

 **Make Reminder button clicked**

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5ea

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

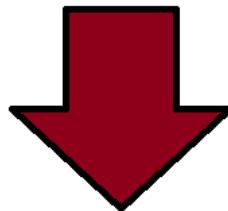
Reminder Date/Time
03 / 31 / 2024 , 09 : 00 PM

Reminder Title
Lorem Ipsum

Reminder Tags

Reminder Description

Make Reminder Cancel



Make Reminder button
clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Error! The description you entered is too long (>1500 characters). Please shorten the description and try again.

Reminder Date/Time
mm / dd / yyyy , -- : --

Reminder Title

Reminder Tags

Reminder Description

Make Reminder Cancel

Figure 5eb

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
04 / 01 / 2024 , 10 : 00 AM

Reminder Title
Next day reminder

Reminder Tags
TOMORROW

Reminder Description
This reminder tests reminder filtering within the next 24 hours.

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time
mm / dd / yyyy , -- : --

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5ec

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
04 / 06 / 2024 , 10 : 00 AM

Reminder Title
Next week reminder

Reminder Tags
THIS_WEEK

Reminder Description
This reminder tests reminder filtering within the next week.

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Make Reminder button clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time
mm / dd / yyyy , -- : -- : --

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5ed

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
04 / 25 / 2024 , 10 : 00 AM

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title
Next month reminder

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

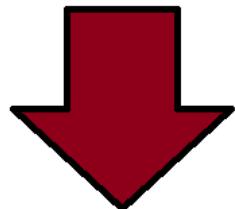
Reminder Tags
THIS_MONTH

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description
This reminder tests reminder filtering within the next month.

Enter details/specifications about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**



Make Reminder button
clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time
mm / dd / yyyy , -- : --

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Reminder Tags

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Reminder Description

Enter details/specifications about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Make Reminder **Cancel**

Figure 5ee

127.0.0.1:5000/newReminderPage/

New Reminder

Quick, hold that thought!

Reminder Date/Time
10 / 25 / 2024 , 10 : 00 AM

Reminder Title
Next year reminder

Reminder Tags
NEXT_YEAR

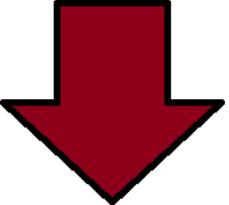
Reminder Description
This reminder tests reminder filtering within the next year.

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.



Make Reminder button
clicked

127.0.0.1:5000/newReminderPage/

New Reminder

Your reminder was saved! To return to the home page, click the 'cancel' button.

Reminder Date/Time

Reminder Title

Reminder Tags

Reminder Description

Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters.

Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters.

Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional.

Figure 5fa

The screenshot shows a web application for creating a new reminder. The URL is 127.0.0.1:5000/newReminderPage/. The page title is "New Reminder" and the sub-instruction is "Quick, hold that thought!". There are four input fields: "Reminder Date/Time" (with a date picker icon), "Reminder Title", "Reminder Tags", and "Reminder Description". Below the inputs is a horizontal bar with two buttons: "Make Reminder" (green) and "Cancel" (green, circled in red). A large red arrow points downwards from the "Cancel" button towards the "Homepage" screenshot below.

Reminder Date/Time
mm / dd / yyyy , -- : -- --

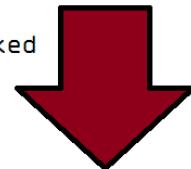
Reminder Title

Reminder Tags

Reminder Description

Make Reminder Cancel

Cancel button clicked



The screenshot shows the user homepage. The URL is 127.0.0.1:5000/userHomepage/. The main content area displays "Homepage" and "Time to get caught up!". It shows the current date and time: "The current date/time is 2024-03-31 17:39:56.889558". Below this is a table with columns: Date/Time, Title, Description, and Tags. To the left is an "Instructions" sidebar with text about viewing reminders and a list of four timeframes. To the right are "Account Actions" (Log Out, Update Password) and "Reminder Actions" (New Reminder). Under "Reminder Filters", there are buttons for "Next 24 Hours" and "Next Week". A large red arrow points downwards from the "Cancel" button in the previous screenshot to the "Homepage" content here.

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Date/Time Title Description Tags

Homepage

Time to get caught up!

The current date/time is 2024-03-31 17:39:56.889558

Date/Time Title Description Tags

Account Actions

Log Out Update Password

Reminder Actions

New Reminder

Reminder Filters

Next 24 Hours Next Week

Figure DB-4

SQLite Viewer
view sqlite file online

Drop file here to load content or click on this box to open file dialog.

reminders (6 rows) ▼ Export ▾

```
SELECT * FROM 'reminders' LIMIT 0,30
```

Execute

reminder_id	due_date	title	tags	description
a129439c-f208-4395-ba18-72c007ee23f8	2024-03-31 19:00:00	Website Lab Test 5ce		
4f655387-e6cc-44a5-a381-163ca14f8c66	2024-03-31 19:00:00	Website Lab Test 5ce	TAG1, TAG2, TAG3	
140fd42d-1276-4352-84f9-244a8c91fb4d	2024-04-01 10:00:00	Next day reminder	TOMORROW	This reminder tests reminder filtering wi...
caf56c07-a967-4161-8bfa-ab75f8a75881	2024-04-06 10:00:00	Next week reminder	THIS_WEEK	This reminder tests reminder filtering wi...
16dd726a-3640-43f2-9a73-e0670dcb03...	2024-04-25 10:00:00	Next month reminder	THIS_MONTH	This reminder tests reminder filtering wi...
66f73744-8042-498d-9154-d461b72290...	2024-10-25 10:00:00	Next year reminder	NEXT_YEAR	This reminder tests reminder filtering wi...

Figure 6aa

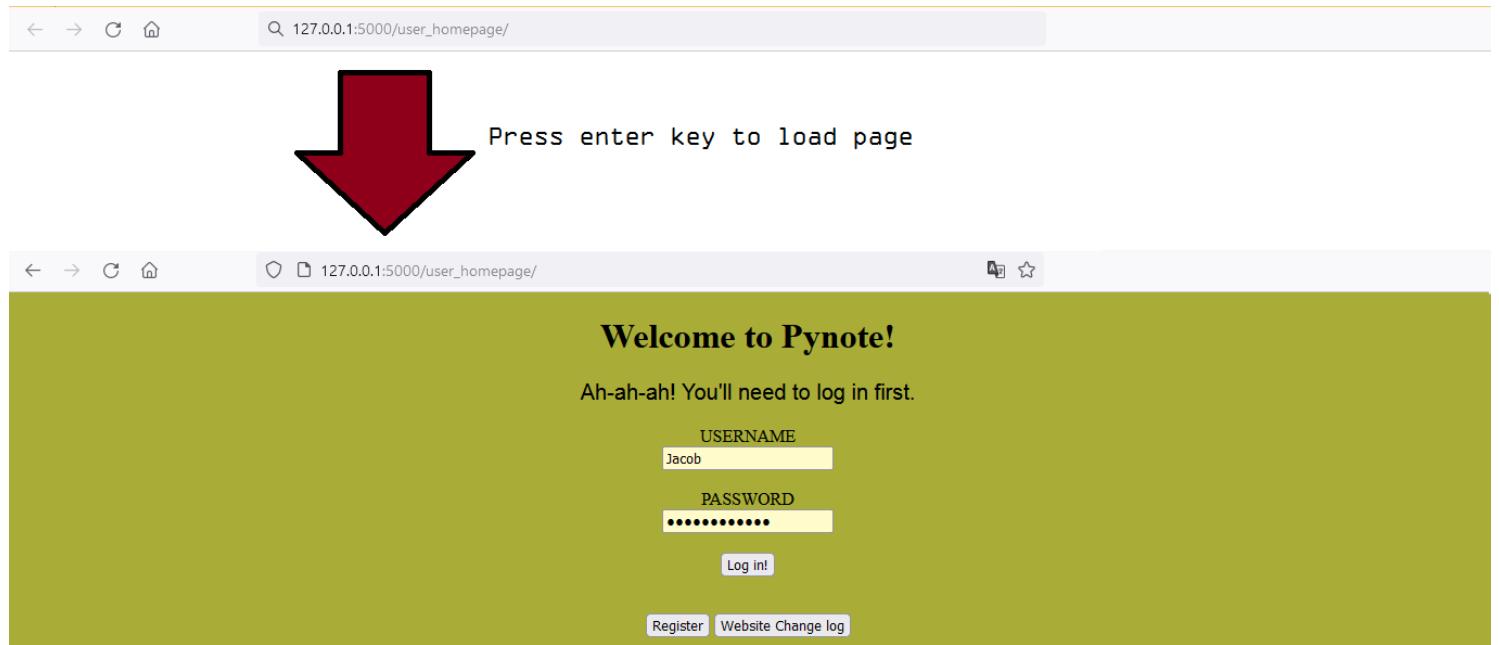


Figure 6ba

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

	Next 24 Hours
	Next Week
	Next Month
	Next Year
	Expired Reminders

Get worldwide time-related information link clicked

Get worldwide time-related information link clicked

APR 8

timeanddate

News ▾ World Clock ▾ Time Zones ▾ Calendar ▾ Weather ▾ Sun, Moon & Space ▾ Timers ▾ Calculators ▾ My Account ▾

[Home](#) / [Time Zones](#) / [World Clock](#)

The World Clock — Worldwide

Find current time, weather, sun, moon, and much more...

Search for city or place...

My Cities (Personal World Clock) ... [edit >](#)

Los Angeles Sun 4:14:04 am	New York Sun 7:14:04 am	London Sun 12:14:04 pm	Tokyo Sun 8:14:04 pm

Figure 6ca

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Next 24 Hours

Next Week

Next Month

Next Year

Expired Reminders

Next 24 Hours button clicked.

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours

Homepage

Found 1 reminder(s) within the next 24 hours.

The current date/time is 2024-03-31 20:20:37.285433

Date/Time	Title	Description	Tags
2024-04-01 10:00:00	Next day reminder	This reminder tests reminder filtering within the next 24 hours.	TOMORROW

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Next 24 Hours

Next Week

Next Month

Next Year

Figure 6cb

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

Log Out

Update Password

Reminder Actions

New Reminder

Reminder Filters

Next Week

Expired Reminders

Next Week button clicked

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

Homepage

Found 2 reminder(s) within the next 168 hours.

The current date/time is 2024-03-31 20:21:01.179483

Date/Time	Title	Description	Tags
2024-04-01 10:00:00	Next day reminder	This reminder tests reminder filtering within the next 24 hours.	TOMORROW
2024-04-06 10:00:00	Next week reminder	This reminder tests reminder filtering within the next week.	THIS_WEEK

Account Actions

Log Out

Update Password

Reminder Actions

New Reminder

Reminder Filters

Next 24 Hours

Next Week

Next Month

Next Year

Figure 6cc

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Next Month

Next 24 Hours

Next Week

Next Month

Next Year

Expired Reminders

Next Month button clicked

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

Homepage

Found 3 reminder(s) within the next 731 hours.

The current date/time is 2024-03-31 20:21:53.798068

Date/Time	Title	Description	Tags
2024-04-01 10:00:00	Next day reminder	This reminder tests reminder filtering within the next 24 hours.	TOMORROW
2024-04-06 10:00:00	Next week reminder	This reminder tests reminder filtering within the next week.	THIS_WEEK
2024-04-25 10:00:00	Next month reminder	This reminder tests reminder filtering within the next month.	THIS_MONTH

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Next 24 Hours

Next Week

Next Month

Next Year

Figure 6cd

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Next Year button clicked

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

Homepage

Found 4 reminder(s) within the next 8760 hours.

The current date/time is 2024-03-31 20:22:49.045550

Date/Time	Title	Description	Tags
2024-04-01 10:00:00	Next day reminder	This reminder tests reminder filtering within the next 24 hours.	TOMORROW
2024-04-06 10:00:00	Next week reminder	This reminder tests reminder filtering within the next week.	THIS_WEEK
2024-04-25 10:00:00	Next month reminder	This reminder tests reminder filtering within the next month.	THIS_MONTH
2024-10-25 10:00:00	Next year reminder	This reminder tests reminder filtering within the next year.	NEXT_YEAR

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

Figure 6ce

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

- Next 24 Hours
- Next Week
- Next Month
- Next Year
- Expired Reminders

Expired Reminders button clicked

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours

Homepage

Found 2 expired reminder(s) (up to 72 hours since the present)

The current date/time is 2024-03-31 20:27:28.743739

Date/Time	Title	Description	Tags
2024-03-31 19:00:00	Website Lab Test 5ce		
2024-03-31 19:00:00	Website Lab Test 5ce		TAG1, TAG2, TAG3

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

- Next 24 Hours
- Next Week
- Next Month
- Next Year

Figure 6cf

The screenshot shows the user homepage with a sidebar on the left containing instructions and a list of reminder filters. The main area displays the current date/time and a table header for managing reminders. On the right, there are account actions like Log Out and Update Password, and reminder actions including a prominent 'New Reminder' button highlighted with a red box. A large red arrow points downwards from the 'New Reminder' button towards the second screenshot.

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

- Next 24 Hours
- Next Week
- Next Month
- Next Year
- Expired Reminders

The screenshot shows the 'New Reminder' creation page. It features four input fields: 'Reminder Date/Time', 'Reminder Title', 'Reminder Tags', and 'Reminder Description'. Each field has a descriptive placeholder text. At the bottom are two buttons: 'Make Reminder' (orange) and 'Cancel' (green). A large red arrow points upwards from the 'New Reminder' button in the previous screenshot towards this page.

New Reminder

Quick, hold that thought!

Reminder Date/Time
Please enter the date that the reminder is due by. Obviously, don't enter dates/times in the past.

Reminder Title
Please enter a title for the reminder. You'll have a chance to write down specifics in the 'reminder description' section. Please limit titles to 100 characters, but make it at least 3 characters. Titles cannot be composed of only whitespace characters.

Reminder Tags
Enter a comma-separated value (CSV) list of tags for the reminder, which will help with categorizing and searching for related reminders. Tags are optional. Please limit length to 350 characters. Tags cannot be composed of only whitespace characters.

Reminder Description
Enter details/specs about the reminder here - contact information, addresses, et cetera. Please limit length to 1500 characters. Description is optional. Description cannot be composed of only whitespace characters.

Make Reminder **Cancel**

Figure 6cg

Instructions

To view reminders within a given timeframe, click the corresponding filter button on the right side of the page. Reminders will be sorted such that the top-most reminder is the closest to the present. Reminders will also be colored based on how soon their deadline is approaching. They are colored as follows:

1. Within 24 hours
2. Between 24 and 48 hours
3. Between 48 and 72 hours
4. 72 hours or later

Reminders that have expired (deadline is in the past) will be stored for up to 72 hours after their deadline. Any reminder older than 72 hours will be deleted.

[Get worldwide time-related information](#)

Homepage

Time to get caught up!

The current date/time is 2024-03-31 20:08:37.980133

Date/Time	Title	Description	Tags
-----------	-------	-------------	------

Account Actions

[Log Out](#)

[Update Password](#)

Reminder Actions

[New Reminder](#)

Reminder Filters

- Next 24 Hours
- Next Week
- Next Month
- Next Year
- Expired Reminders

Update Password button clicked



127.0.0.1:5000/update_password/

Update Password

Passwords are like habits - hard to change but sometimes it needs to happen.

New Password

Please enter a different password than your current one. It must be at least 12 characters long, and must include at least 1 uppercase letter, 1 lowercase letter, 1 number and 1 special character. All whitespace characters will be removed and not count towards the password

Re-enter Password

Please re-enter the password you typed.

[Password Creation Tips/Guidelines](#)

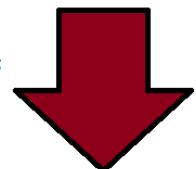
[Is your password among the 10,000 most common passwords?](#)

[Update Password](#) [Cancel](#)

Figure 6ch

The screenshot shows the Pynote user homepage at 127.0.0.1:5000/user_homepage/. The page has a green header with the title "Homepage" and a sub-header "Time to get caught up!". It displays the current date and time: "The current date/time is 2024-03-31 20:08:37.980133". On the left, there's a sidebar with "Instructions" and a list of reminder filters (1. Within 24 hours, 2. Between 24 and 48 hours, 3. Between 48 and 72 hours, 4. 72 hours or later). Below that is a note about expired reminders and a link to worldwide time-related information. The main area contains a table with columns: Date/Time, Title, Description, and Tags. On the right, there are sections for "Account Actions" (Log Out, Update Password) and "Reminder Actions" (New Reminder). A large section titled "Reminder Filters" contains buttons for "Next 24 Hours", "Next Week", "Next Month", "Next Year", and "Expired Reminders". The "Log Out" button in the "Account Actions" section is highlighted with a red box.

Log Out button is clicked



The screenshot shows the Pynote login page at 127.0.0.1:5000/user_homepage/. The header says "Welcome to Pynote!" and the sub-header "You're logged out. Come back soon!". Below this is a login form with "USERNAME" field containing "Jacob" and a "PASSWORD" field with masked input. A "Log in!" button is below the fields. At the bottom are "Register" and "Website Change Log" links.