

Test Plan

Frindr

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Functional Requirement 1

As a user, I would like to create an Frindr profile

Functional Test Cases

Test ID	1
Title	Creating Profile
Instructions	On the landing page click create profile, once the page has loaded then enter username, password, and email
Expected Result	The main page will be loaded with the correct information, and the new user will be added to the database
Severity	Critical

Equivalence Test Cases

Test ID	1
Title	Profile with blank username, password, or email
Instructions	On the Create a profile page, leave the username, password, or email blank
Expected Result	Website displays a "X field is blank, please fill out" message next to the field. (where x is username, password, or email)
Severity	Important

Test ID	4
Title	username, password, or email too long (> 50 characters)
Instructions	On the Create profile page, enter a username, password, or email that is greater than 50 characters long
Expected Result	Website displays a “X field is too long, please reduce” message next to the field. (where x is username, password, or email)
Severity	Important

Boundary Test cases

Test ID	5
Title	username, password, or email contain invalid characters
Instructions	On the Create a profile page, enter a username, password, or email that contains an invalid character
Expected Result	Website displays a “X contains an invalid character, please remove” message next to the field. (where x is username, password, or email)
Severity	Important

Functional Requirement 2

As a user, I would like to login to my account (using email)

Functional Test Cases

Test ID	6
Title	Login with email/password

Instructions	Click on “Login” button, and then enter correct information
Expected Result	Redirected to the login page, and then user is signed in and then redirected to the home page with their user profile information entered.
Severity	Critical

Test ID	7
Title	Login with invalid email/password
Instructions	Click on “Login” button, and then enter incorrect information
Expected Result	Redirected to the login page, an error message pops up saying that invalid login information was given and that correct information must be given.
Severity	Important

Equivalence Test Cases

Test ID	8
Title	First time log in
Instructions	click the login button and enter the correct information
Expected Result	User is logged in
Severity	Important

Test ID	9
Title	Existing users logging in
Instructions	click the login button and enter the correct information

Expected Result	User is logged in
Severity	Important

Functional Requirement 3

As a user, I would like to be able to edit my profile

Functional Test Cases

Test ID	10
Title	Open profile window
Instructions	Click “my profile”
Expected Result	User profile appears, and basic information such as age, name, location can be edited
Severity	Critical

Test ID	11
Title	Changing age or name
Instructions	On the profile page, enter a different name, or change the age information if it is somehow incorrect.
Expected Result	Age, and name changes are reflected on the UI and the database
Severity	Important

Equivalence Test Cases

Test ID	12
Title	Display Name or age contains invalid characters
Instructions	Website displays a “X contains an invalid

	character, please remove” message next to the field. (where x is age or Name)
Expected Result	Website will notify user of an incorrect character and ask for it to be removed
Severity	Important

Test ID	13
Title	New Display name or age is same as before
Instructions	Enter the same name or age as before
Expected Result	Website will display that nothing has been changed, and the DB will not be updated
Severity	important

Boundary Test Cases

Test ID	14
Title	No display name or age
Instructions	Delete the name or age in the menu
Expected Result	Website will notify user that there needs to be info, otherwise it will go back to what it was before the user entered the name
Severity	important

Test ID	15
Title	New name is too long (> 50 characters)
Instructions	Enter name larger than 50 chars, and click update information
Expected Result	Website notifies user that the name is too long and it needs to be changed
Severity	important

Test ID	16
Title	Age is less than 0
Instructions	Enter -1 for age and update
Expected Result	Website notifies that the age is invalid
Severity	important

Test ID	16
Title	Age is more than 180
Instructions	Enter 181 for age and update
Expected Result	Website notifies that the age is invalid
Severity	important

Functional Requirement 4

As a user, I would like the Ability to add a bio

Functional Test Cases

Test ID	10
Title	Add a bio to profile
Instructions	Click add bio button(on profile page)
Expected Result	A textbox will appear allowing the user to enter a bio for themselves
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing in bio textbox

Instructions	After clicking add bio button(on profile page) do not enter anything and then click add bio
Expected Result	An error message will show up notifying the user that they need to enter a bio or cancel adding a bio
Severity	important

Test ID	10
Title	Enter invalid character
Instructions	After clicking add bio button(on profile page) add an invalid character.
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from the bio
Severity	important

Boundary Test Cases

Test ID	10
Title	Enter too many characters (>1000 characters)
Instructions	After clicking add bio button(on profile page) add a bio that is 1001 characters
Expected Result	An error message will show up notifying the user that they need to reduce their bio size
Severity	important

Functional Requirement 5

As a user I would like the Ability to edit a bio

Test ID	10
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Title	Edit bio attached to a profile
Instructions	Click edit bio button(on profile page), make changes and then click submit changes
Expected Result	A textbox will appear allowing the user to enter a bio for themselves, once the edit is done then update the DB with the new information
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing new in bio textbox
Instructions	After clicking edit bio button(on profile page) do not add anything new to the bio and click submit changes
Expected Result	An error message will show up notifying the user that they need to actually change the bio. Nothing will be changed in the database
Severity	important

Test ID	10
Title	Enter invalid character
Instructions	After clicking edit bio button(on profile page) add an invalid character and then click submit changes
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from the bio
Severity	important

Boundary Test Cases

Test ID	10
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Title	Enter to many characters (>1000 characters)
Instructions	After clicking edit bio button(on profile page) add a bio that is greater than 1000 characters, and submit changes
Expected Result	An error message will show up notifying the user that they need to reduce their bio size
Severity	important

Functional Requirement 7

As a user, I would like the Ability to add an interest

Functional Test Cases

Test ID	10
Title	Add an interest to profile
Instructions	Click add interest button(on profile page), enter required information and then click submit
Expected Result	2 textboxes will appear allowing the user to enter information about the interest and the interest name. Once edit is done and confirmed the DB is updated and changes are reflected on the page
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing into either textbox
Instructions	After clicking add interest button(on profile page) do not enter anything into either textbox and then click add interest
Expected Result	An error message will show up notifying the user that they need to enter information into

	both fields for the interest to be added
Severity	important

Test ID	10
Title	Enter invalid character into either textbox
Instructions	After clicking add interest button(on profile page) enter an invalid character into the textboxes and then submit changes
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from one of the two text boxes
Severity	important

Boundary Test Cases

Test ID	10
Title	Enter too many characters (>240 characters) in either textbox for interest
Instructions	After clicking add interest button(on profile page) add an interest name or description that is longer than 240 characters. And click submit
Expected Result	An error message will show up notifying the user that they need to reduce the name or description size
Severity	important

Functional Requirement 8

As a user I would like to Remove an interest

Functional Test Cases

Test ID	10
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Title	Remove interest from profile
Instructions	Click “remove interest” button next to the interest
Expected Result	The interest and its text boxes will be removed from the users profile and will not be displayed on the webpage.
Severity	Critical

Functional Requirement 9

As a user I would like the Ability to edit interests

Functional Test Cases

Test ID	10
Title	Edit an interest on a profile profile
Instructions	Click edit interest button(on profile page), make changes and then click submit
Expected Result	2 textboxes will appear(filled in with already entered information) allowing the user to edit information about the interest and the interest's name, once submitted the user profile will be updated
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing new into either textbox
Instructions	After clicking edit interest button(on profile page) do not enter anything new into either textbox and then click add interest
Expected Result	An error message will show up notifying the user that they need to enter information into both fields for the interest to be added

Severity	important
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Test ID	10
Title	Enter invalid character into either textbox
Instructions	After clicking edit interest button(on profile page) enter an invalid character into the textboxes and then click submit
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from one of the two text boxes
Severity	important

Boundary Test Cases

Test ID	10
Title	Enter to many characters (>240 characters) in either textbox
Instructions	After clicking edit interest button(on profile page) add an interest name or description that is longer than 240 characters.and click submit
Expected Result	An error message will show up notifying the user that they need to reduce the name or description size before the change will be reflected
Severity	important

Functional Requirement 10

As a user I would like to Add characteristics

Functional Test Cases

Test ID	10
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Title	Add a characteristic to user profile
Instructions	Click add new characteristic(on profile page), and enter a characteristic and the click submit
Expected Result	A textbox will appear allowing the user to input information, once the text has been entered it will be added to the database and will now show for the user
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing into the characteristic textbox
Instructions	After clicking add characteristic button(on profile page) do not enter anything into the textbox and then click submit.
Expected Result	An error message will show up notifying the user that they need to enter information into the field for it to show as a characteristic
Severity	important

Test ID	10
Title	Enter invalid character into characteristic textbox
Instructions	After clicking add characteristic button(on profile page) enter an invalid character into the textbox and submit
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from the textbox
Severity	important

Boundary Test Cases

Test ID	10
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Title	Enter to many characters (>240 characters) into characteristic textbox
Instructions	After clicking add characteristic button(on profile page) add a characteristic that is longer than 240 characters.and submit
Expected Result	An error message will show up notifying the user that they need to reduce characteristic name size
Severity	important

Functional Requirement 11

As a user I would like the Ability to edit characteristics

Functional Test Cases

Test ID	10
Title	Edit characteristic on user profile
Instructions	Click edit characteristic(on profile page) next to a characteristic, and modify the description and then submit the changes
Expected Result	A textbox will appear allowing the user to edit information, once the text has been modified it will be added to the database and will show for the user
Severity	Critical

Equivalence Test Cases

Test ID	10
Title	Enter nothing into the edit characteristic textbox
Instructions	After clicking edit characteristic button(on profile page) do not modify anything in the textbox and then submit.

Expected Result	An error message will show up notifying the user that they need to enter new information into the field for it to update the characteristic
Severity	important

Test ID	10
Title	Enter invalid character into edit characteristic textbox
Instructions	After clicking edit characteristic button(on profile page) enter an invalid character into the textbox, and submit
Expected Result	An error message will show up notifying the user that they need to remove an invalid character from the textbox
Severity	important

Boundary Test Cases

Test ID	10
Title	Enter too many characters (>240 characters) into edit characteristic textbox
Instructions	After clicking edit characteristic button(on profile page) add a characteristic that is longer than 240 characters. And submit
Expected Result	An error message will show up notifying the user that they need to reduce characteristic character count
Severity	important

Functional Requirement 12

As a user I would like to Remove a characteristic

Functional Test Cases

Test ID	10
Title	Remove characteristic from profile
Instructions	Click “remove characteristic” button next to the interest
Expected Result	The characteristic and its text box will be removed from the users profile and database and will not be displayed on the webpage.
Severity	Critical

Functional Requirement 13

As a user, I would like to be able to delete my profile

Functional Test Cases

Test ID	
Title	View Profile Settings
Instructions	Click on “Profile” tab in Navigation area
Expected Result	Profile page appears displaying profile details/actions
Severity	Critical

Test ID	
Title	Delete Profile
Instructions	Click on “Delete Profile” button on profile page
Expected Result	Profile is deleted and success message is shown on login page to the user
Severity	Critical

Functional Requirement 14

As a user, I would like to be able to edit my name

Functional Test Cases

Test ID	
Title	View Profile Settings Page
Instructions	Click on "Profile" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Edit Profile Name
Instructions	Enter new name in name text-box
Expected Result	Text-box populates with text entered from user
Severity	Critical

Test ID	
Title	Submit Changes
Instructions	Press submit on the form
Expected Result	Name is changed and page refreshed displaying changes everywhere the profile name is shown
Severity	Critical

Equivalence Test Cases

Test ID	
Title	Name contains invalid characters
Instructions	The field is populated with invalid characters
Expected Result	Error message is shown after the user submits the form
Severity	Important

Boundary Test Cases

Test ID	
Title	Name field is empty
Instructions	The field is empty
Expected Result	Error message is shown after the user submits the form
Severity	Important

Functional Requirement 15

As a user, I would like to be able to add my location

Functional Test Cases

Test ID	
Title	View Register Page
Instructions	Click register button
Expected Result	Register page opens up
Severity	Critical

Test ID	
Title	Edit Location via text-field/box

Instructions	Enter a location
Expected Result	Text-field/box populates
Severity	Critical

Test ID	
Title	Register
Instructions	Click register button
Expected Result	Page refreshes giving successful registration message
Severity	Critical

Equivalence Test Cases

Test ID	
Title	Location contains invalid characters
Instructions	Location field is populated with characters that aren't allowed
Expected Result	Error message is shown after register button is clicked
Severity	Important

Boundary Test Cases

Test ID	
Title	Empty Location
Instructions	Location textbox is empty
Expected Result	Error message shown after pressing register
Severity	Critical

Functional Requirement 16

As a user, I would like to be able to edit my location

Functional Test Cases

Test ID	
Title	View Profile Settings Page
Instructions	Click on "Profile" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Edit Location
Instructions	Enter new location in text-box
Expected Result	Text-box populates with text entered from user
Severity	Critical

Test ID	
Title	Submit Changes
Instructions	Press submit on the form
Expected Result	Location is changed and page refreshed displaying changes
Severity	Critical

Equivalence Test Cases

Test ID	
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Title	Location contains invalid characters
Instructions	Location field is populated with characters that aren't allowed
Expected Result	Error message is shown after submit button is clicked
Severity	Important

Boundary Test Cases

Test ID	
Title	Empty Location
Instructions	Location textbox is empty
Expected Result	Error message shown after pressing submit
Severity	Critical

Functional Requirement 17

As a user, I would like to be able to hide myself from the matching process

Functional Test Cases

Test ID	
Title	View Profile Settings Page
Instructions	Click on "Profile" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Hide Profile Toggle

Instructions	Click on Hide Profile toggle.
Expected Result	Toggle turns on.
Severity	Critical

Test ID	
Title	Submit Changes
Instructions	Press submit on the form
Expected Result	Profile is hidden and page refreshed displaying that the profile is now hidden
Severity	Critical

Functional Requirement 18

As a user, I would like to be able to enable email notifications

Functional Test Cases

Test ID	
Title	View Profile Settings Page
Instructions	Click on "Profile" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Email Notifications Toggle
Instructions	Click on Email Notifications toggle.
Expected Result	Toggle turns on.
Severity	Critical

Test ID	
Title	Submit Changes
Instructions	Press submit on the form
Expected Result	Email notifications are now enabled and remains on whenever profile settings page is refreshed. Emails are now delivered when a match happens
Severity	Critical

Functional Requirement 19

As a user, I would like to be able to disable email notifications

Functional Test Cases

Test ID	
Title	View Profile Settings Page
Instructions	Click on "Profile" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Email Notifications Toggle
Instructions	Turn off Email Notifications toggle.
Expected Result	Toggle turns off.
Severity	Critical

Test ID	
Title	Submit Changes
Instructions	Press submit on the form
Expected Result	Email notifications are now disabled and remains off whenever profile settings page is refreshed. Emails are now not delivered when a match happens
Severity	Critical

Functional Requirement 20

As a user I would like to have a layout to find friends

Functional Test Cases

Test ID	
Title	Searching Layout
Instructions	Click on "Find" tab in Navigation area
Expected Result	Profile settings page opens up
Severity	Critical

Test ID	
Title	Show Info
Instructions	Get call for new person
Expected Result	A new user appears on the screen
Severity	Critical

Functional Requirement 21

As a user I would like to be matched with random people based on our info

Functional Test Cases

Test ID	
Title	Check algorithm
Instructions	Upon testing different factors (location, interests)
Expected Result	There will be changes to the users when being picked, also the same users will not be selected after each other
Severity	Critical

Functional Requirement 22

As a user I would like to display a profile picture

Functional Test Cases

Test ID	
Title	Profile picture
Instructions	Switch to all pages and press picture
Expected Result	Profile settings page opens up
Severity	Critical

Functional Requirement 23

As a user I would like to upload my own photos

Functional Test Cases

Test ID	
Title	Upload photo
Instructions	Press upload
Expected Result	Brings up upload screen
Severity	Critical

Test ID	
Title	Upload accepted files
Instructions	Press upload, test different file types
Expected Result	Should only upload jpgs, pngs
Severity	Critical

Functional Requirement 24

As a user I would like to have a place to view my photos

Functional Test Cases

Test ID	
Title	Profile photos page
Instructions	Go to profile photos page
Expected Result	Photos are shown
Severity	Critical

Functional Requirement 25

As a user I would like to be able to remove my photos

Functional Test Cases

Test ID	
Title	Remove photo
Instructions	Click to remove photo
Expected Result	Photo should be removed on refresh
Severity	Critical

Functional Requirement 26

As a user, I would like add a chat

Functional Test Cases

Test ID	1
Title	Add a chat
Instructions	Click matches page, matched profile, type in chat.
Expected Result	Chat shows up on dialogue box
Severity	Critical

Equivalence Test Cases

Test ID	2
Title	Empty chat
Instructions	Click matches page, matched profile, leave chat blank.
Expected Result	Page displays a "Empty chat" error
Severity	Critical

Boundary Test cases

Test ID	3
Title	Chat is longer than max chat box length

Instructions	Click matches page, matched profile, fill chat dialogue box.
Expected Result	Page displays a “Max Character limit reached” error
Severity	Important

Functional Requirement 27

As a user, I would like to ‘like’ a chat

Functional Test Cases

Test ID	1
Title	Like a chat
Instructions	Click matches page, matched profile, hit like chat message button next to chat.
Expected Result	Like symbol will appear next to chat message
Severity	Important

Functional Requirement 28

As a user, I would like to unlike a chat

Functional Test Cases

Test ID	1
Title	Unlike a chat
Instructions	Click matches page, matched profile, hit unlike chat message button next to chat.
Expected Result	Like symbol will disappear next to chat message
Severity	Important

Functional Requirement 29

As a user, I would like to remove a chat

Functional Test Cases

Test ID	1
Title	Remove a chat
Instructions	Click matches page, matched profile, hit remove chat message button next to chat.
Expected Result	Chat will be removed
Severity	Important

Functional Requirement 30

As a user, I would like to change my password.

Functional Test Cases

Test ID	1
Title	Creating Profile
Instructions	On the profile page, click the “change password” button. This will move to the password changing page, where a new password can be entered.
Expected Result	The password associated with the account should be changed in the backend, and the user should be redirected to the home page.
Severity	Important

Equivalence Test Cases

Test ID	2
Title	Attempting to change to a blank password.
Instructions	On the password changing page, do not enter

	a password and attempt to change the password.
Expected Result	Website displays a “Password field is blank, please fill out” message next to the field.
Severity	Important

Test ID	3
Title	Attempting to change to a password that is too long.
Instructions	On the password changing page, enter a password that is greater than 50 characters long
Expected Result	Website displays a “Password is too long, please reduce” message next to the field.
Severity	Important

Boundary Test cases

Test ID	4
Title	Attempting to change to a password containing invalid characters.
Instructions	On the password changing page, enter a password that contains an invalid character
Expected Result	Website displays a “Password contains an invalid character, please remove” message next to the field.
Severity	Important

Functional Requirement 31

As a user, I would like to change the email associated with my account.

Functional Test Cases

Test ID	1
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Title	Creating Profile
Instructions	On the profile page, click the “change email” button. This will move to the email changing page, where a new email can be entered.
Expected Result	The email associated with the account should be changed in the backend, and the user should be redirected to the home page.
Severity	Important

Equivalence Test Cases

Test ID	2
Title	Attempting to change to a blank email.
Instructions	On the email changing page, do not enter an email and attempt to change the email.
Expected Result	Website displays a “Email field is blank, please fill out” message next to the field.
Severity	Important

Test ID	3
Title	Attempting to change to an email that is too long.
Instructions	On the email changing page, enter an email that is greater than 50 characters long
Expected Result	Website displays a “Email is too long, please reduce” message next to the field.
Severity	Important

Boundary Test cases

Test ID	4
Title	Attempting to change to an email containing

	invalid characters.
Instructions	On the email changing page, enter an email that contains an invalid character
Expected Result	Website displays a “Email contains an invalid character, please remove” message next to the field.
Severity	Important