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# Functionality test cases:

### A. Identification and classification: Backlog ID 1

Test Case: 1

Create an account

Severity: 1 Critical

### B. Instructions:

1. Click create an account

2. Fill in the necessary information

3. Click on sent email

C. Expected result:

1. Account is successfully created and stored in the database

### A. Editing Passwords: Backlog ID 2

Test Case: 2

Editing your account password

Severity: 2 Important

### B. Instructions:

1. Click account settings

2. Click change password

3. Follow link from email

4. Enter old and new password

C. Expected result:

1. Passwords is changed in the database.

### A. Create account preferences: Backlog ID 3

Test Case: 3

After account creation make them create their preferences

Severity: 2 Important

### B. Instructions:

1. Successfully create an account

2. Fill in your preferences

3. Click OK/Confirm

C. Expected result:

1. Your account preferences are saved for that account.

### A. Viewing preferences: Backlog ID 4

Test Case: 4

Viewing Account settings

Severity: 3 Workaround

### B. Instructions:

1. Click account settings

2. Click preferences

C. Expected result:

1. A page of your current preferences appears

### A. Editing pre-existing preferences: Backlog ID 5

Test Case: 5

Editing your account’s current preferences

Severity: 2 Important

### B. Instructions:

1. Click account settings

2. Click preferences

3. Click Edit

4. Edit your preferences

C. Expected result:

1. Your preferences are updated.

### A. Matchmaking List: Backlog ID 6

Test Case: 6

Be able to see your matches

Severity: 1 Critical

### B. Instructions:

1. Click on matches

2. Be able to view the list of all found matches

C. Expected result:

1. Match list should be visible.

2. All users you have been matched with(and ONLY them, no extra users) should be visible

### A. Sending messages to a match: Backlog ID 7

Test Case: 7

Communicate with your matches by sending a message

Severity: 1 Critical

### B. Instructions:

1. Click on matches

2. Pick one of the listed matches by right clicking on them and select chat

3. Send a message in the chat window

4. Have a response sent back to you

C. Expected result:

1. Chat interface opens and have messages sent and received which can be revisited at a later time.

### A. Profile pictures: Backlog ID 8 and 9

Test Case: 8

Add a picture of yourself and be able to change it

Severity: 2 Important

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### B. Instructions:

1. Click on account settings

2. Click on your profile picture/or the box if you haven’t added one yet

3. Select a profile picture from your computer

C. Expected result:

1. Your profile picture should be set to whatever you upload.

### A. Privacy For Users: Backlog ID 10

Test Case: 9

Preventing Non-matched users from communicating

Severity: 2 Important

### B. Instructions:

1. Go to chats

2. Roam the list to see if there are any messages from users not found on the matches list

C. Expected result:

1. All Users on the list of chats you have are found on the matches list

### A. Rejecting matches: Backlog ID 11

Test Case: 10

Blocking any users you do not like from your matched list from communicating with you

Severity: 3 Workaround

### B. Instructions:

1. Go to matched list

2. Click on a user that you do not like and right click the block option

C. Expected result:

1. The user is permanently blocked from your matched list and you two can never communicate, if there is a chat between the two it is closed.

### A. Compatibility test: Backlog ID 12, 13, 15, 17, and 18

Test Case: 11

Preventing Non-matched users from communicating

Severity: 2 Important

### B. Instructions:

1. Go to chats

2. Roam the list to see if there are any messages from users not found on the matches list

C. Expected result:

1. All Users on the list of chats you have are found on the matches list

### A. Status Update: Backlog ID 14

Test Case: 12

Update Status to reflect whether or not I am currently available

Severity: 3 Workaround

### B. Instructions:

1. Go to your account settings

2. Click on status change

3. Click confirm

C. Expected result:

1. User is now taken and will be removed from anyone’s matched list and matchmaking system

2. Should they change their status back they are put back into the system and a new matched list is made for them

### A. Message Notifications: Backlog ID 16

Test Case: 13

Severity: 3 Workaround

### B. Instructions:

1. Log in to your account

2. Observe the chat list which is marked/highlighted notifying you you have messages

3. Click on the chat list and find the chat with new messages marked/highlighted

4. Log off and wait for a message and you should get an email, can opt out

C. Expected result:

1. When you receive a new message that is not in the chat you are currently the chat list will highlight

2. The specific chat with new messages highlights to let you know that is an unspecified amount of new messages

# Equivalence class test case:

### A. Editing Passwords Backlog ID 2:

Test Case: 14

Editing your account password

Severity: 2 Important

### B. Instructions:

1. Click account settings

2. Click change password

3. Follow link from email

4. Enter old and new password which is valid based on criteria

5. Repeat first 3 steps and enter a password that is invalid

C. Expected result:

1. Passwords is changed in the database.when it is accepted and reject the bad password from being put into the database

### A. Finding Match of Correct Age Range Backlog 17:

Test Case: 15

Entering a preferred age range

Severity: 2 Important

### B. Instructions:

1. Click account settings

2. Click preferred age range for younger than all matches or older than all matches

3. Input the range

C. Expected result:

1. Range is changed and users outside of range are no longer considered

### A. Account creation testing Backlog ID 1:

Test Case: 16

Try creating an account with invalid info

Severity: 2 Important

### B. Instructions:

1. Click create an account

2. Fill in the necessary information but with some being wrong (i.e. invalid email, no name, etc)

3. Check page response

4. Try creating an account with the same information

5. Check page response

6. Then enter valid info and see if it goes through

C. Expected result:

1. Account is successfully created and stored in the database only if it is valid (all information is filled and not a duplicate)

### A. Language Backlog ID 13

Test Case: 17

Does the user have the same language preferences that I do.

Severity: 3 Workaround

### B. Instructions:

1. Set up a perfect match between another person that speaks the same language

2. Set up a perfect match that do not speak the same language as you

3. Set up a perfect match that speaks more languages than you.

4. Click on matches page

C. Expected result:

1. Check to make sure that the user that are matched have the same languages as you.

### A. Setting Account Preferences Backlog Id 5:

Test Case: 18

After account creation set their preferences

Severity: 2 Important

### B. Instructions:

1. Successfully create an account

2. Don’t fill in anything

3. Try to Click OK/Confirm

4. Fill in part of the form

5. Try to Click OK/Confirm

6. Fill in the whole form

7. Try to Click OK/Confirm

C. Expected result:

1. You shouldn't be allowed to continue until the full preferences are set.

### A.Correct Matches Backlog ID Non-functional 1

Test Case: 19

Do the user match at least so much

Severity:2 Important

### B. Instructions:

1. Set up a perfect account to match to you

2. Set up an account that matches an acceptable amount,

3. Set up an account that one that sort of match but not really

4. Set up an account that is opposite you,

2. Check to see which user you are matched with

C. Expected result:

1. Check to make sure that user is only matched to account with an acceptable amount of matching.

### A. Profile pictures and their size Backlog ID 8 and 9:

Test Case: 20

Add a picture of yourself and be able to change it

Severity: 3 Workaround

### B. Instructions:

1. Click on account settings

2. Click on your profile picture/or the box if you haven’t added one yet

3. Select a profile picture from your computer that is icon size or smaller

4. Replace it with a medium sized image and check if it is clearly visible

5. Replace it with a very large image

C. Expected result:

1. Your profile picture should be set to whatever you upload below a maximum and above a certain minimum size (icons).

### A. Privacy Check Backlog ID 11:

Test Case: 21

Preventing Non-matched users from communicating

Severity: 2 Important

### B. Instructions:

1. Go to chats on a new account confirm the list is empty

2. Open chat with 2 users and send each a message

3. Block one and keep the other

4. From the other end try to send to the user who blocked from the blocked user

C. Expected result:

1. The user that was blocked should not be able to communicate with the person who blocked them and the one who wasn’t should.

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### A. Preventing non-matched communications BackLog ID 10

Test Case: 22

Preventing Non-matched users from communicating

Severity: 2 Important

### B. Instructions:

1. Create 3 accounts 2 that would match and 1 that won’t

2. Go to the two accounts that match and check their match list

3. Confirm that one other user isn't present on either list

C. Expected result:

1. All Users on the list of chats you have are found on the matches list

# Boundary Value test cases:

### A. Editing Passwords Backlog ID 2:

Test Case: 23

Editing your account password

Severity: 2 Important

### B. Instructions:

1. Click account settings

2. Click change password

3. Follow link from email

4. Enter old and new password which barely meets minimum requirements and repeat with max

5. Repeat prior steps but with passwords that are just outside the min max standards

C. Expected result:

1. Passwords is changed in the database if it valid and not updated if it is invalid.

### A. Matchmaking Backlog ID: Non-functional 1:

Test Case: 24

Number of Matches too high or too low

Severity: 3 Workaround

### B. Instructions:

1. Look to see your matches on your match list

C. Expected result:

1. Only show up to allowed number of matches

### A. Distance Backlog ID 12

Test Case: 25

Is the user is within my distance range

Severity: 3 Workaround

### B. Instructions:

1. Set up a perfect match between a few different people, one set is within the required distance, one set is right outside, and one is way outside

C. Expected result:

1. Only the first match inside the range distance show up.

### A. Age Backlog ID 17

Test Case: 26

Is the user within my age range

Severity: 3 Workaround

### B. Instructions:

1. Set up matches between a range of people. One that is a year younger than the minimum required you will require,

2. One that is a year younger than the oldest you will require

3. One that is a year older than the max age.

4. Change your age range to fit the rules listed above

5. Check matches

C. Expected result:

1. Only the ones within the range should match

### A. Profile pictures and their size Backlog ID 8 and 9:

Test Case: 27

Add a picture of yourself and be able to change it

Severity: 3 Workaround

### B. Instructions:

1. Click on account settings

2. Click on your profile picture/or the box if you haven’t added one yet

3. Select a profile picture from your computer that is small than the allowed size

4. Replace it with a icon photo that is as small as allowed, check to make sure it is allowed

5. Replace it with a image larger than allowed

6. Replace it with an image as the same size as the maximum allowed to see if it works.

C. Expected result:

1. Your profile picture should be set to whatever you upload below a maximum and above a certain minimum size (icons). Step 3 and 5 should be denied.

### A. Initial setting of preferences Backlog ID 3:

Test Case: 28

After account creation make them create their preferences

Severity: 2 Important

### B. Instructions:

1. Successfully create an account

2. Fill in your preferences except one of them

3. Click OK/Confirm

C. Expected result:

1. Your account preferences shouldn’t be saved as the form isn’t complete.

### A. Compatibility questions Backlog ID 15:

Test Case: 29

Only users who meet compatibility standards should be matched

Severity: 2 Important

### B. Instructions:

1. Create a new user

2. Make another that is just shy of matching standard

3. Make another that is right on the matching standard

4. Make another that is just over the matching standard

C. Expected result:

1. The first user should only match with the users made for 3 and 4.

### A. Language Matching Backlog ID 13:

Test Case: 30

Set a user’s language and see if any other language can match with the user

Severity: 2 Important

### B. Instructions:

1. Set a user’s language

2. Make a user that would be matched but has a different language

C. Expected result:

1. Users should not be matched due to language differences

### A. Age Matching BackLog ID 18:

Test Case: 31

I want to find matches that are at least 18 years old

Severity: 2 Important

### B. Instructions:

1.User enter age as born 18 ago as of tomorrow on registration for new account

2. User enters age as born 18 ago today on registration for new account

3. User enters age as born 18 years ago yesterday on registration for new account

C. Expected result:

1. User should be allowed to register for website only on last 2 cases.