**password reset**

\* user will enter email address

\* you will find that user based on email address from db

\* if found, you will create password reset code

\* then you will save that code in db and also send to that user's email

\* if this is the correct user, he will have access to his email

\* he can copy that code and paste in the form, enter new password then hit submit

\* on sumit, our server will receive the user's email and code

\* you will try to find the user based on the email and code

\* if found, update his old password with new one and reset code back to empty

\* done \*

+---------------------+

| User |

+---------------------+

|

| Enters email address

|

|

+---------------------+

| System |

+---------------------+

|

| Finds user based on email address

|

|

+---------------------+

| Database |

+---------------------+

|

| Creates password reset code

|

|

+---------------------+

| System |

+---------------------+

|

| Saves code in database

|

| Sends code to user's email address

|

|

+---------------------+

| User's Email |

+---------------------+

|

| User accesses email and retrieves code

|

|

+---------------------+

| User |

+---------------------+

|

| Enters code and new password

|

|

+---------------------+

| System |

+---------------------+

|

| Receives user's email and code

|

|

+---------------------+

| Database |

+---------------------+

|

| Finds user based on email and code

|

|

+---------------------+

| System |

+---------------------+

|

| Updates user's password

|

| Resets password reset code to empty

|

|

+---------------------+

| Database |

+---------------------+

|

| Confirms password has been updated

|

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+---------------------+

| User |

+---------------------+

|

| Password reset is complete

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