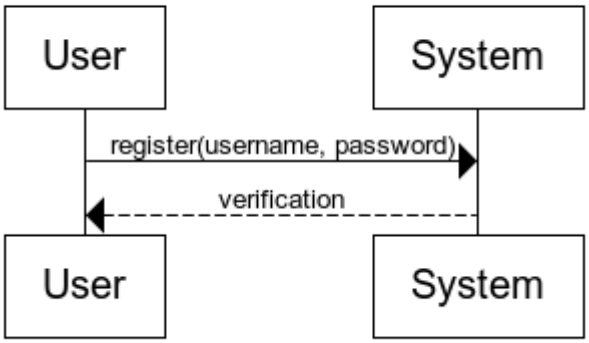
Set up Master Password



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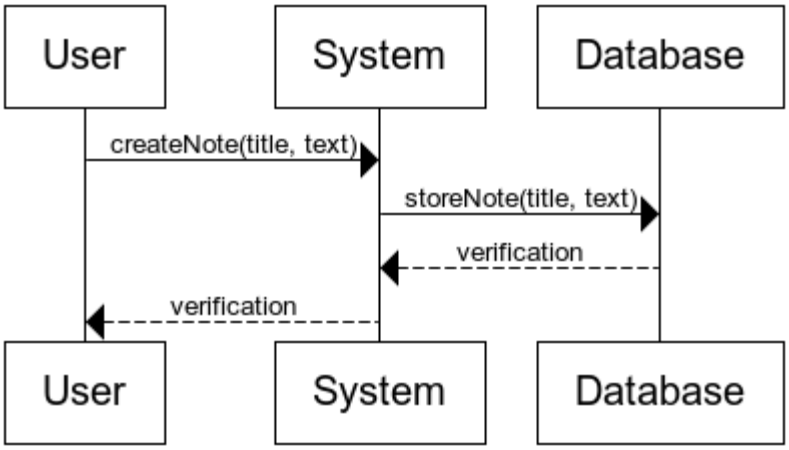
Set Notes



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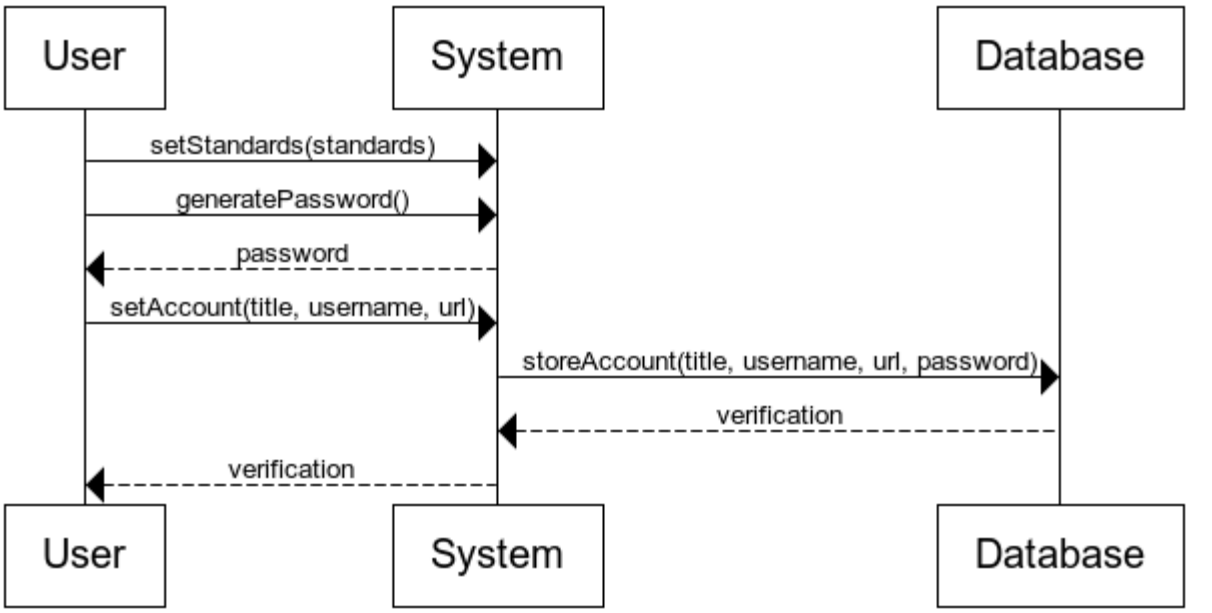
Add Password



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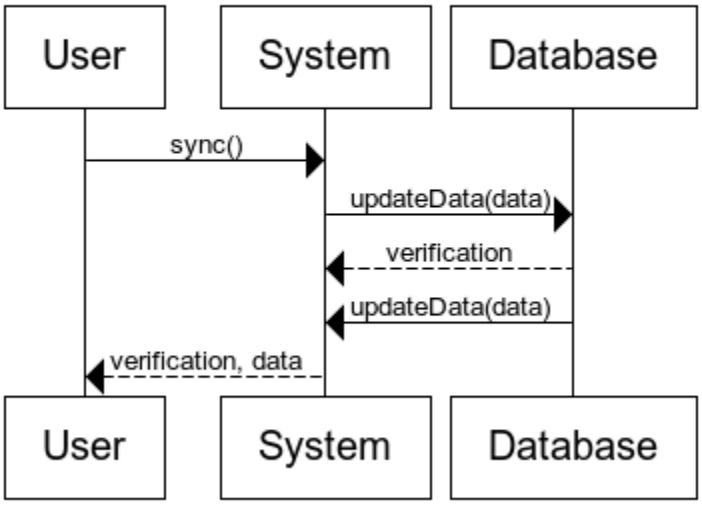
Data Sync



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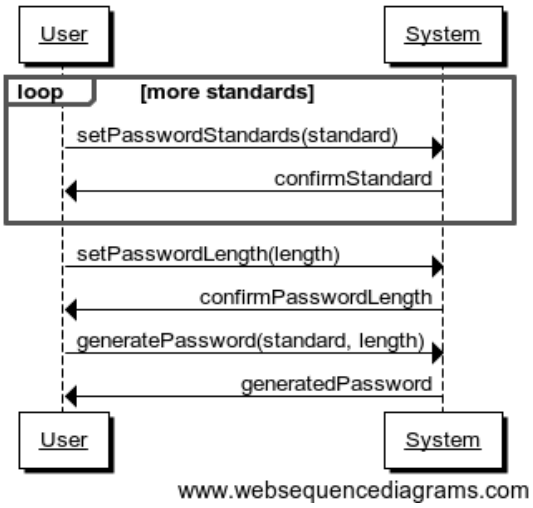
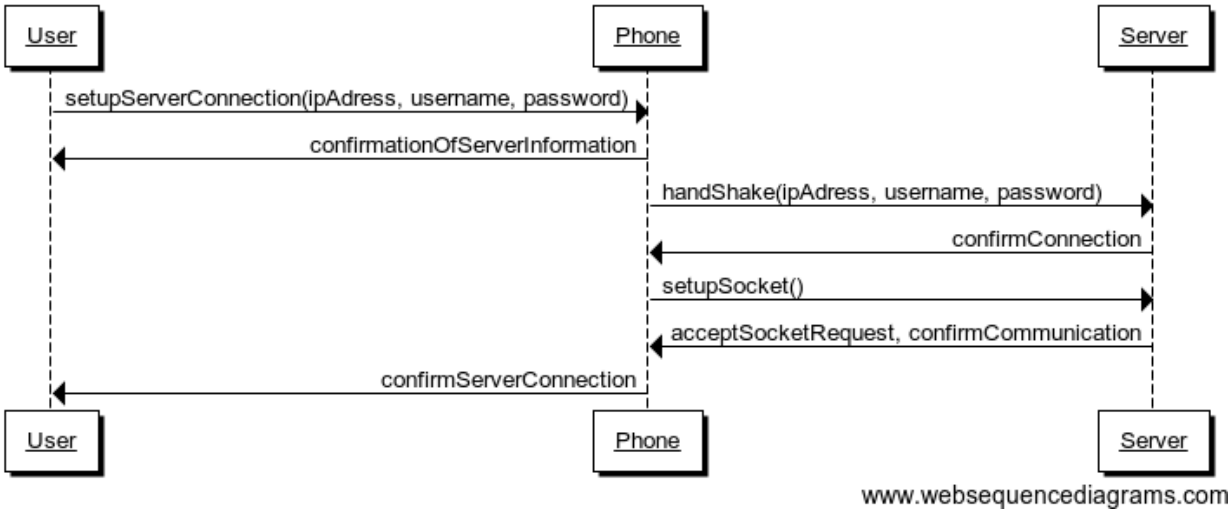
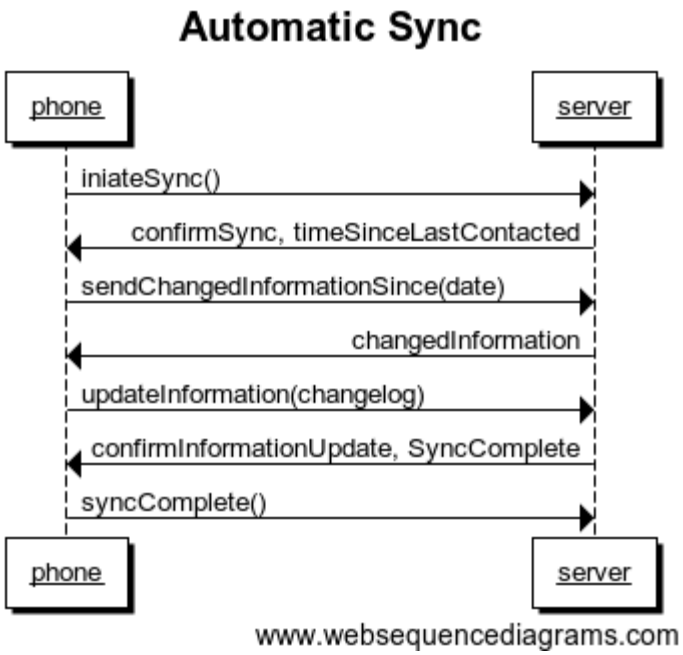
Set Password Standards



Setup Connection to WebDAV Server





Operation: setLength(value)

Cross-references: UC 3

Preconditions: The User has initiated the process of creating a new password.

Postconditions: The value for length has been set and this value will be used for the next generated password.

Operation: setNumCaps(value)

Cross-references: UC 3

Preconditions: The User has initiated the process of creating a new password.

Postconditions: The number of capital letters has been set and this value will be used for the next generated password.

Operation: setNumLower(value)

Cross-references: UC 3

Preconditions: The User has initiated the process of creating a new password.

Postconditions: The number of lowercase letters has been set and this value will be used for the next generated password.

Operation: setNumNums(value)

Cross-references: UC 3

Preconditions: The User has initiated the process of creating a new password.

Postconditions: The number of numbers has been set and this value will be used for the next generated password.

Operation: setNumSpecial(value)

Cross-references: UC 3

Preconditions: The User has initiated the process of creating a new password.

Postconditions: The number of special characters has been set and this value will be used for the next generated password.

Operation: saveConnections(hostname, password)

Cross-references: UC 5

Preconditions: The User has access to a WebDAV server and knows the hostname and password needed to connect to that server.

Postconditions: The connection is saved and the device will now sync passwords with this server.

Operation: setAutoSync(value)

Cross-references: UC 9

Preconditions: N/A

Postconditions: The system will or will not automatically sync all passwords on startup based on whether “value” was “yes” or “no”.

Operation: register(username, password)

Cross-references: UC1

Preconditions: User has started application

Postconditions: Master account with username and password is created

Operation: createNote(title, text)

Cross-references: UC6

Preconditions: User is on the note creation screen

Postconditions: A note with a title and text is created and stored on the local device

Operation: storeNote(title, text)

Cross-references: UC6

Preconditions: User has created a note on the local device

Device is connected to the server

Postconditions: The newly created note on the local device is stored on the server as well

Operation: setStandards(standards)

Cross-references: UC8

Preconditions: User is on the password generator screen

Postconditions: The standards for password generation are set

Operation: setAccount(title, username, url)

Cross-references: UC8

Preconditions: User has generated a password and is on the account creation screen

Postconditions: An account is created with the given title, optional username, optional url, and the password that was already generated.

Operation: storeAccount(title, username, url, password)

Cross-references: UC8

Preconditions: User has created an account on the local device

Device is connected to the server

Postconditions: The newly created account on the local device is stored on the server as well

Operation: updateData(data)

Cross-references: UC10

Preconditions: User has told the device to sync with the server

Device is connected to the server

Postconditions: System compares timestamps for each entry and sets them to the most recent on the device and the database