@startuml

actor Staff

boundary AccountingProfessionScreen

boundary BalanceScreen

control BalanceControl

entity ACCOUNTBALANCE

Staff-> AccountingProfessionScreen++: Click "Lập bảng cân đối tài khoản" on "List Accounting Profession"

deactivate AccountingProfessionScreen

AccountingProfessionScreen-> BalanceControl ++: Load "Choose time frame form" screen

deactivate BalanceControl

BalanceControl -> ACCOUNTBALANCE++: Get record information

deactivate ACCOUNTBALANCE

ACCOUNTBALANCE--> BalanceControl ++: Send record information

deactivate BalanceControl

BalanceControl --> BalanceScreen++: Send record information

deactivate BalanceScreen

BalanceScreen-> BalanceScreen++: Load "Choose time frame form" screen

deactivate BalanceScreen

Staff-> BalanceScreen++: Giving input

deactivate BalanceScreen

Staff-> BalanceScreen++: Click "xác nhận"

deactivate BalanceScreen

BalanceScreen-> BalanceScreen++: Validate

deactivate BalanceScreen

alt Fail

BalanceScreen-> BalanceScreen++: Show error notification

deactivate BalanceScreen

end

alt Achieve

BalanceScreen-> BalanceControl ++: Process create account balance

deactivate BalanceControl

BalanceControl -> ACCOUNTBALANCE++:Process create account balance

deactivate ACCOUNTBALANCE

ACCOUNTBALANCE-> ACCOUNTBALANCE++: Validate

deactivate ACCOUNTBALANCE

alt Fail

ACCOUNTBALANCE--> BalanceControl ++: Show error notification

deactivate BalanceControl

BalanceControl --> BalanceScreen++: Show error notification

deactivate BalanceScreen

end

alt Achieve

ACCOUNTBALANCE-> ACCOUNTBALANCE++: Store data

deactivate ACCOUNTBALANCE

ACCOUNTBALANCE--> BalanceControl ++: Successful notification và export files

deactivate BalanceControl

BalanceControl --> BalanceScreen++: Thông báo create thành công và export files

deactivate BalanceScreen

end

end

@enduml