@startuml

actor Staff

boundary ProductScreen

control ProductControl

entity PRODUCT

Staff-> ProductScreen++: Click "Product Management – List Product" on "left menu"

deactivate ProductScreen

ProductScreen-> ProductControl ++: Process load " List Product" Screen

deactivate ProductControl

ProductControl -> PRODUCT++: Get list product

deactivate PRODUCT

PRODUCT--> ProductControl ++: Send list product

deactivate ProductControl

ProductControl --> ProductScreen++: Send list product

deactivate ProductScreen

ProductScreen-> ProductScreen++: Load "List Product" Screen

deactivate ProductScreen

Staff-> ProductScreen++ : Click button "Chỉnh sửa" thuộc tính bất kỳ

deactivate ProductScreen

ProductScreen-> ProductScreen++: Load "CRUD product"

deactivate ProductScreen

Staff-> ProductScreen++: Giving input

deactivate ProductScreen

Staff-> ProductScreen++: Click lưu

deactivate ProductScreen

ProductScreen-> ProductScreen++: Validate

deactivate ProductScreen

alt Fail

ProductScreen-> ProductScreen++: Show error notification

deactivate ProductScreen

end

alt Achieve

ProductScreen-> ProductControl ++: Process update product

deactivate ProductControl

ProductControl -> PRODUCT++:Process update product

deactivate PRODUCT

PRODUCT-> PRODUCT++: Validate

deactivate PRODUCT

alt Fail

PRODUCT--> ProductControl ++: Show error notification

deactivate ProductControl

ProductControl --> ProductScreen++: Show error notification

deactivate ProductScreen

end

alt Achieve

PRODUCT-> PRODUCT++: Update data

deactivate PRODUCT

PRODUCT--> ProductControl ++: Successful notification

deactivate ProductControl

ProductControl --> ProductScreen++: Thông báo update thành công và reload UI

deactivate ProductScreen

end

end

@enduml