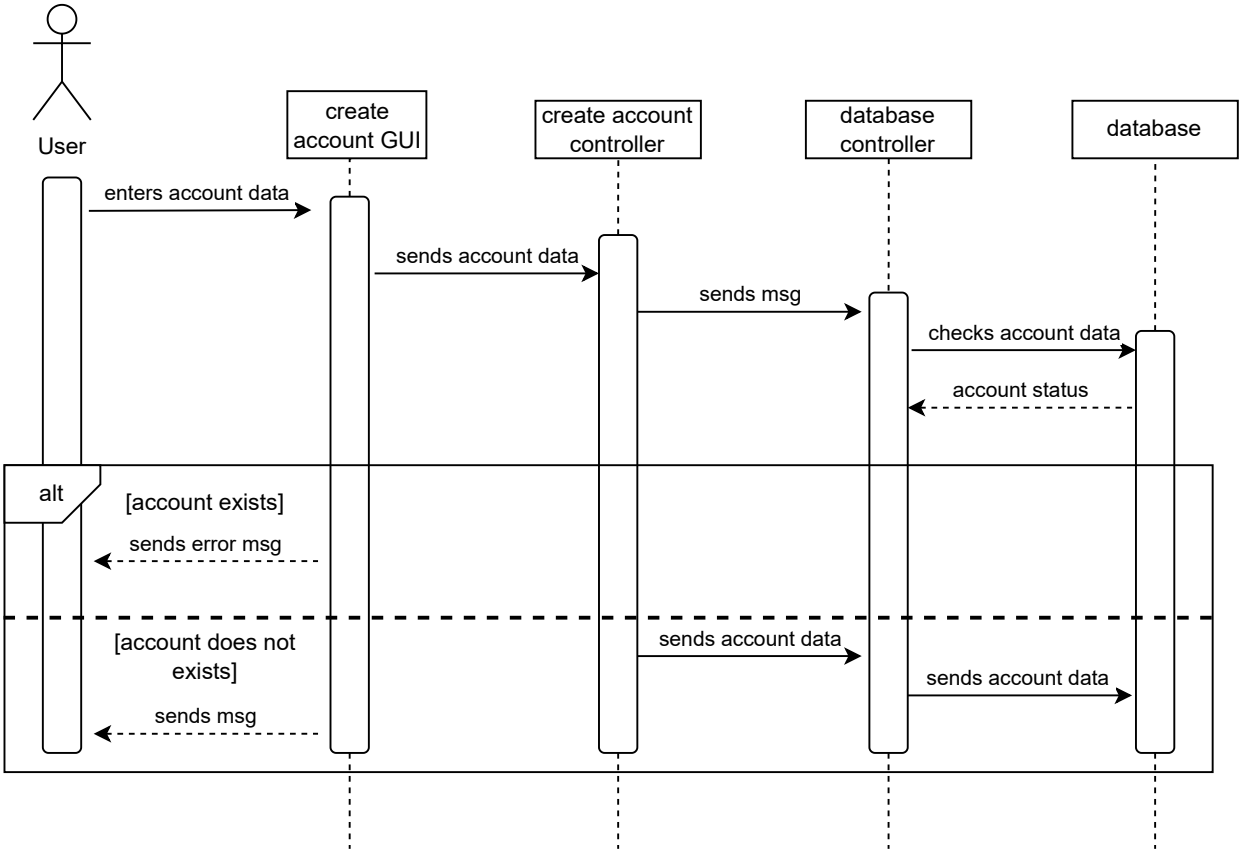
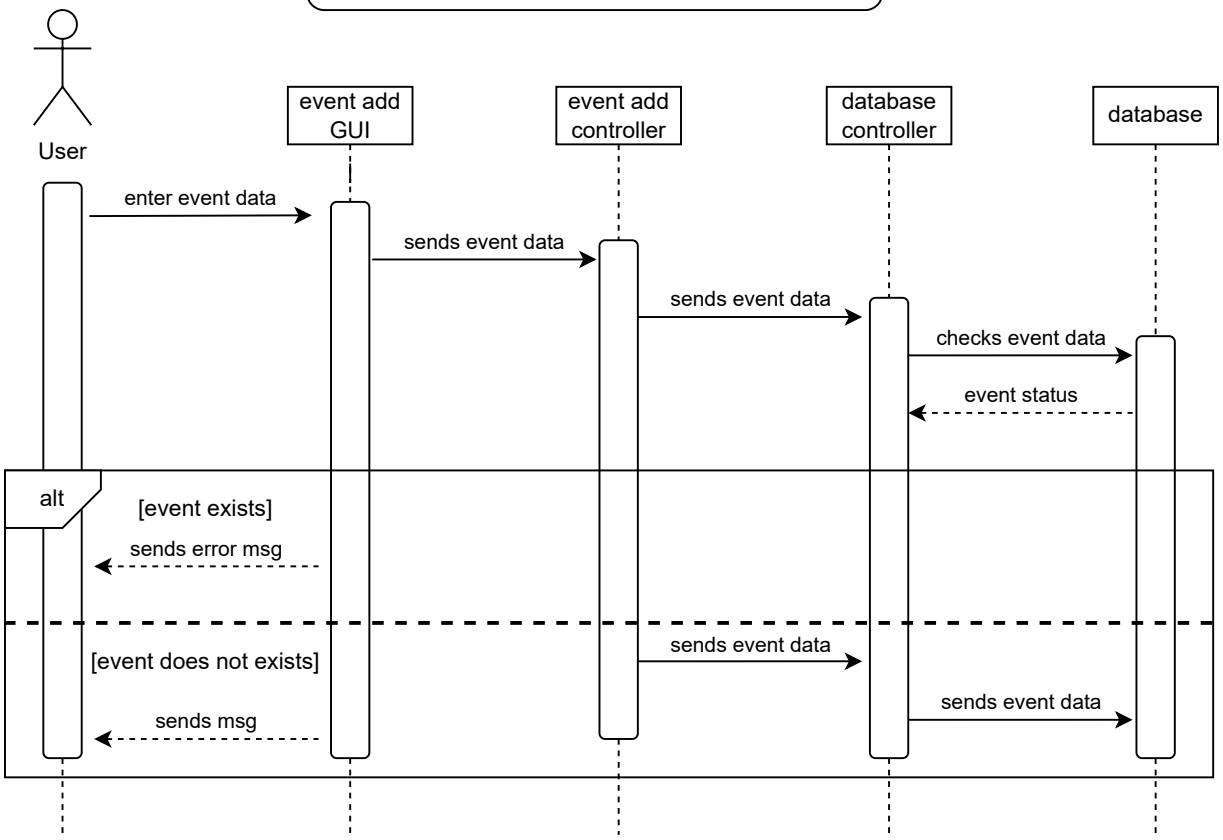
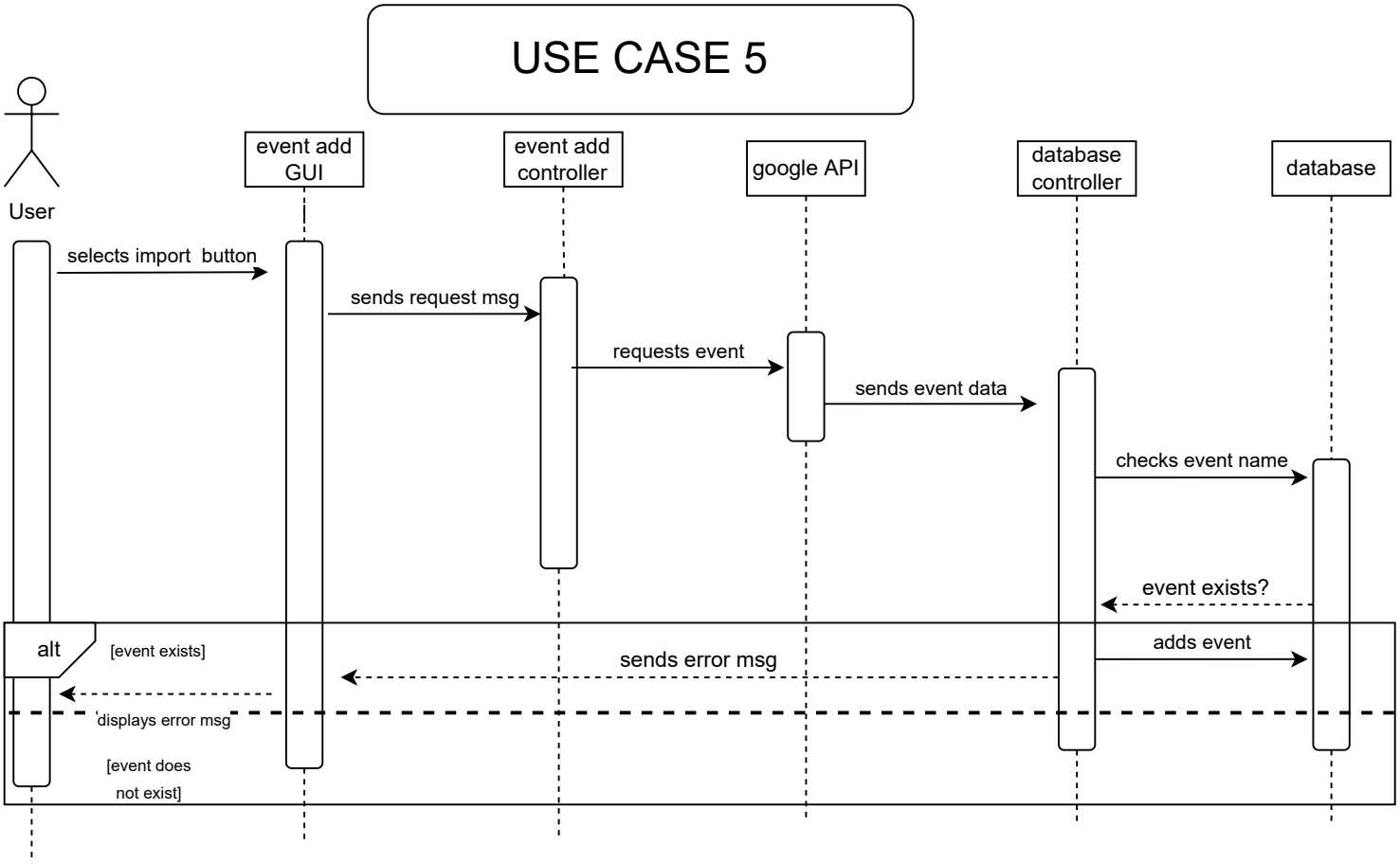
Analysis Sequence Diagrams of *NO! Monke-ing Around* → **AndroidMonke Productivity**

# USE CASE 2

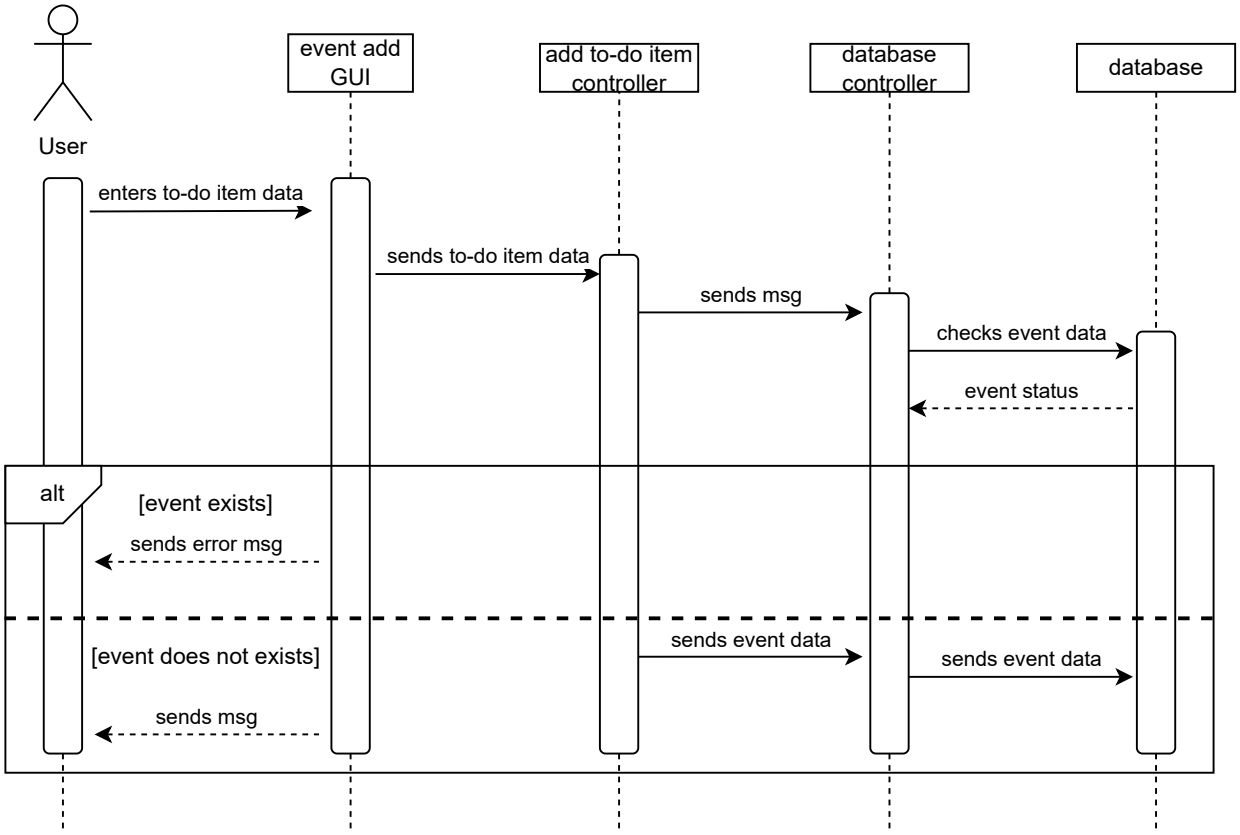


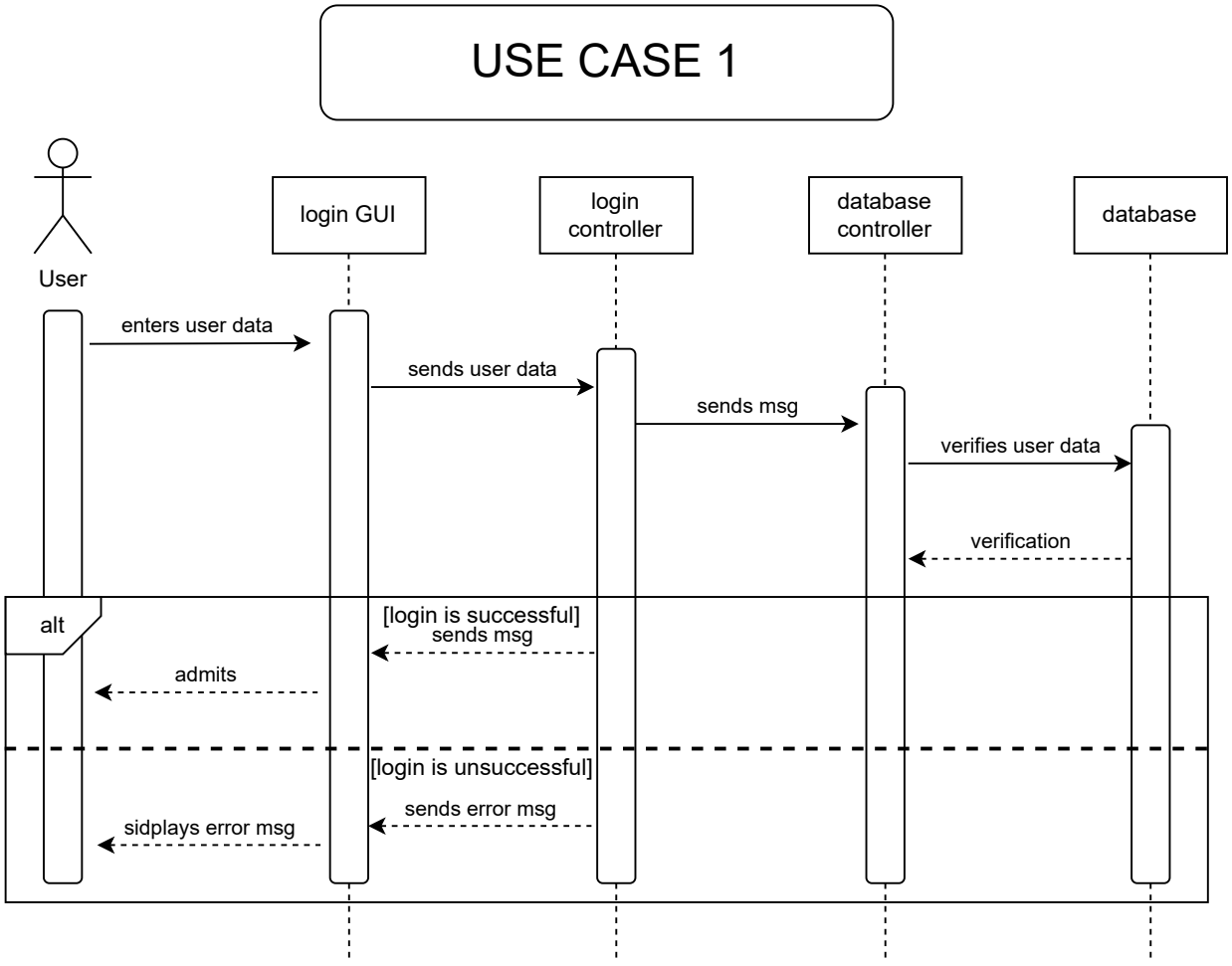
# USE CASE 4


User
event add GUI
event add controller
database controller
database
enter event data
sends event data
sends event data
checks event data
event status
alt
[event exists]
sends error msg
[event does not exists]
sends event data
sends event data
sends msg

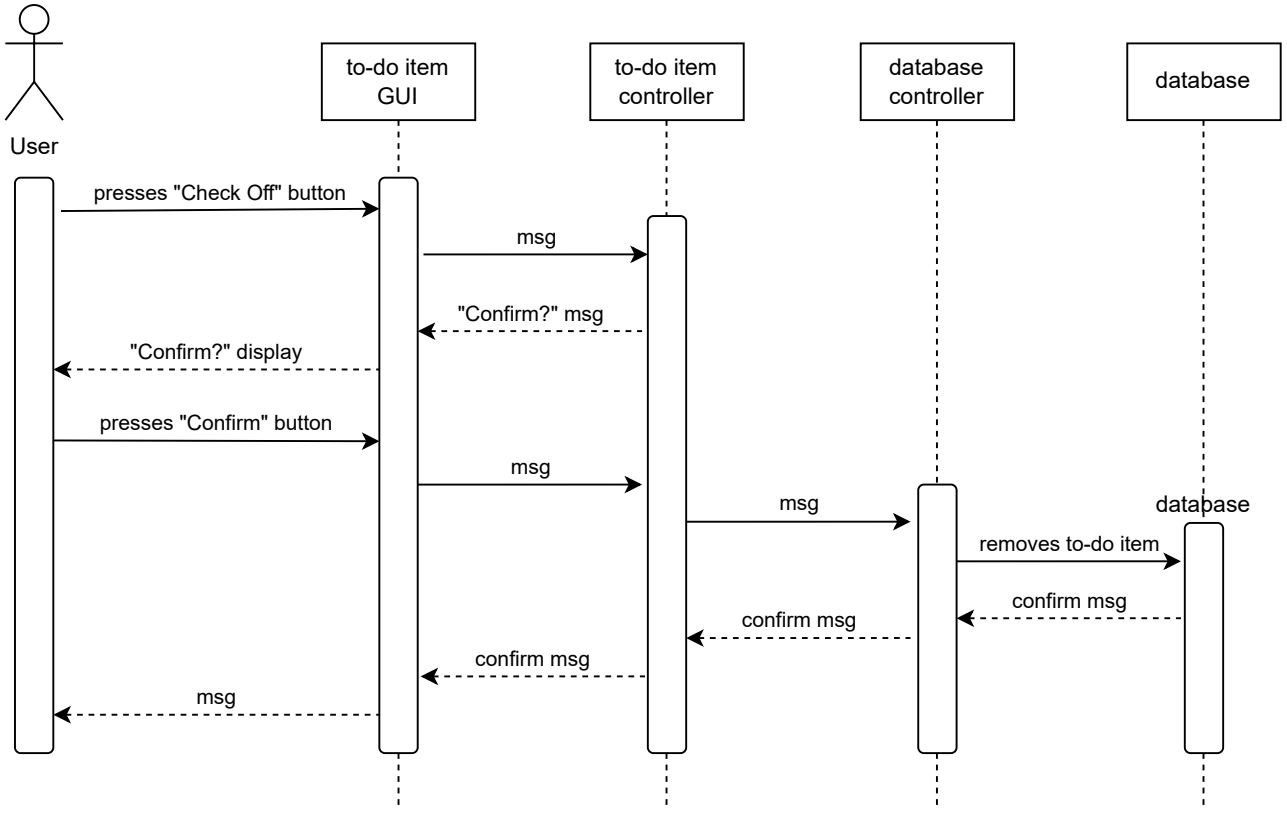

USE CASE 5
User
event add GUI
event add controller
google API
database controller
database
selects import button
sends request msg
requests event
sends event data
checks event name
event exists?
alt
[event exists]
sends error msg
adds event
displays error msg
[event does not exist]

# USE CASE 7

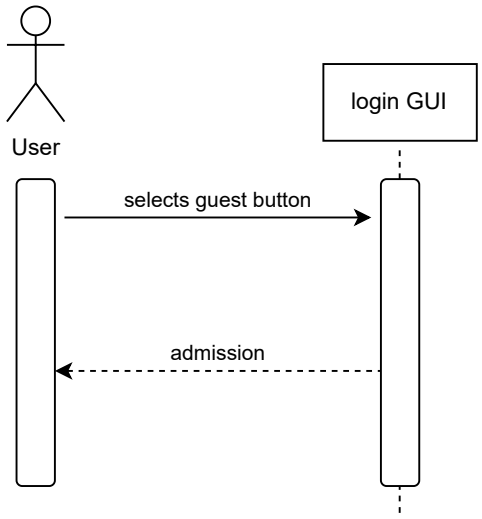

User
event add GUI
add to-do item controller
database controller
database
enters to-do item data
sends to-do item data
sends msg
checks event data
event status
alt
[event exists]
sends error msg
[event does not exists]
sends event data
sends event data
sends msg


USE CASE 1
User
login GUI
login controller
database controller
database
enters user data
sends user data
sends msg
verifies user data
verification
alt
[login is successful]
sends msg
admits
[login is unsuccessful]
sends error msg
sidplays error msg

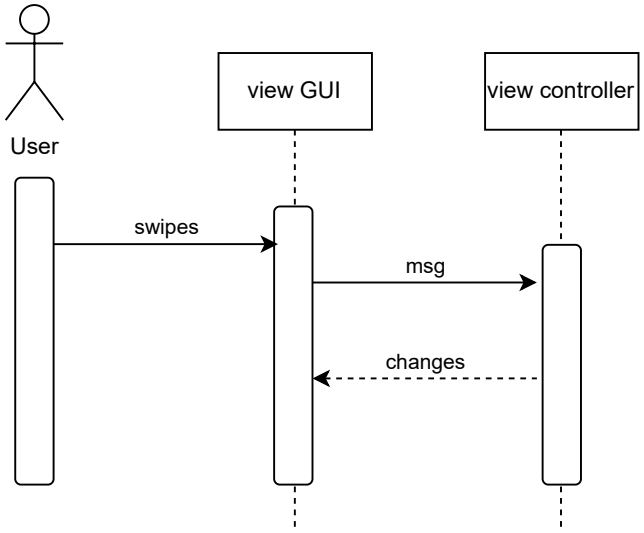
# USE CASE 8


User
to-do item GUI
to-do item controller
database controller
database
presses "Check Off" button
msg
"Confirm?" msg
"Confirm?" display
presses "Confirm" button
msg
msg
database
removes to-do item
confirm msg
confirm msg
confirm msg
msg

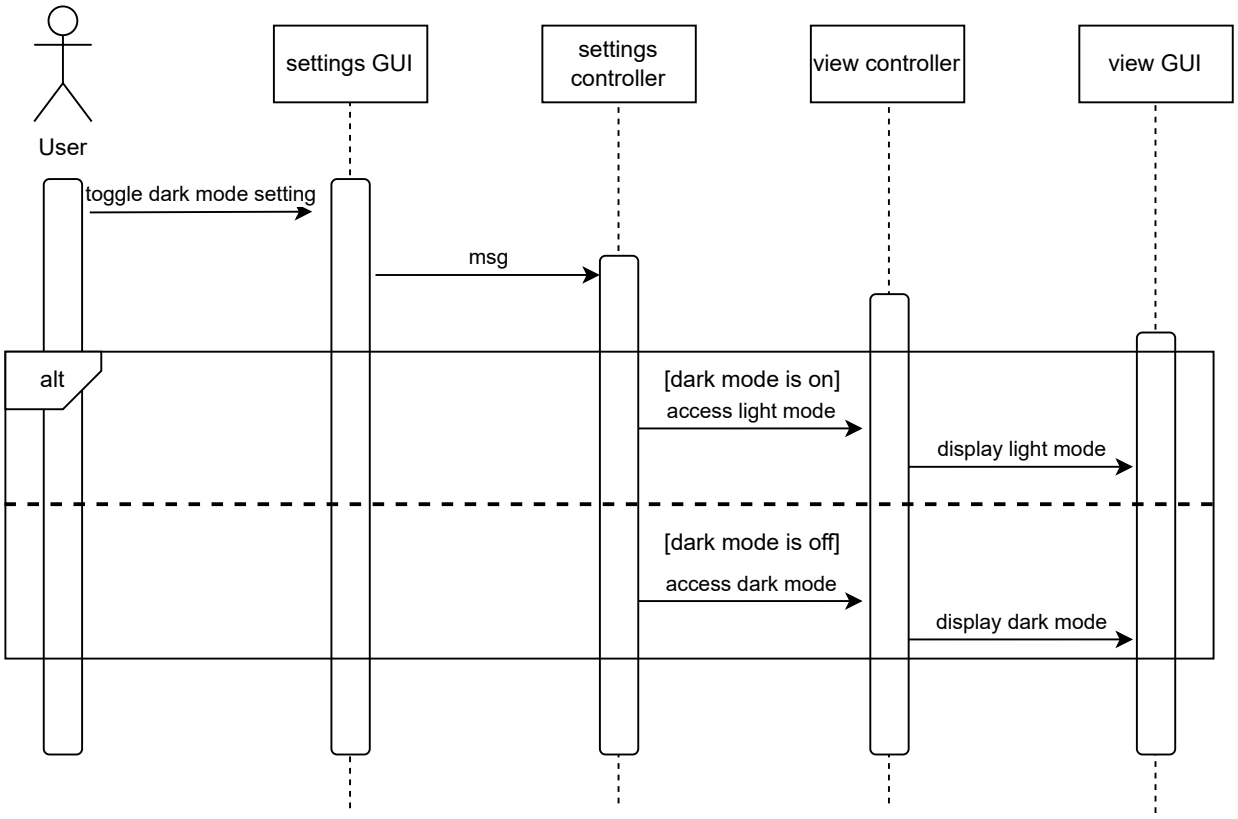
# USE CASE 9

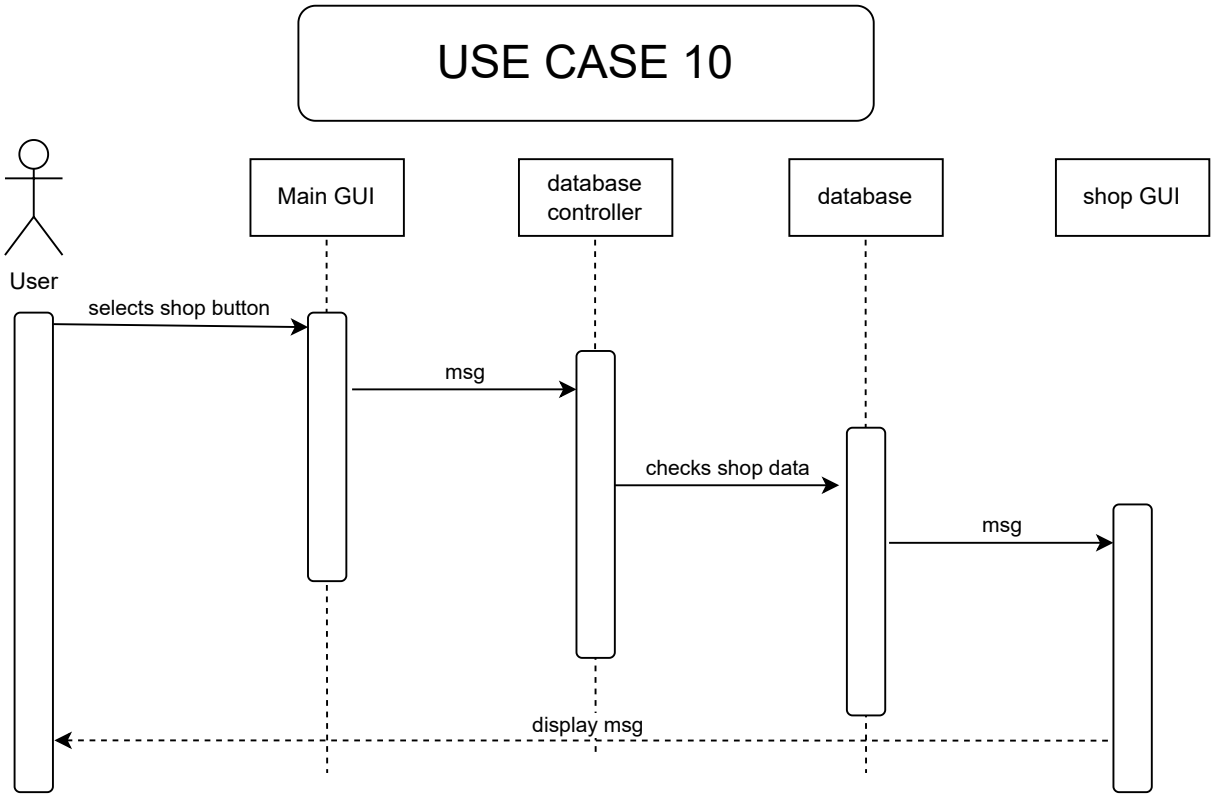



# USE CASE 18

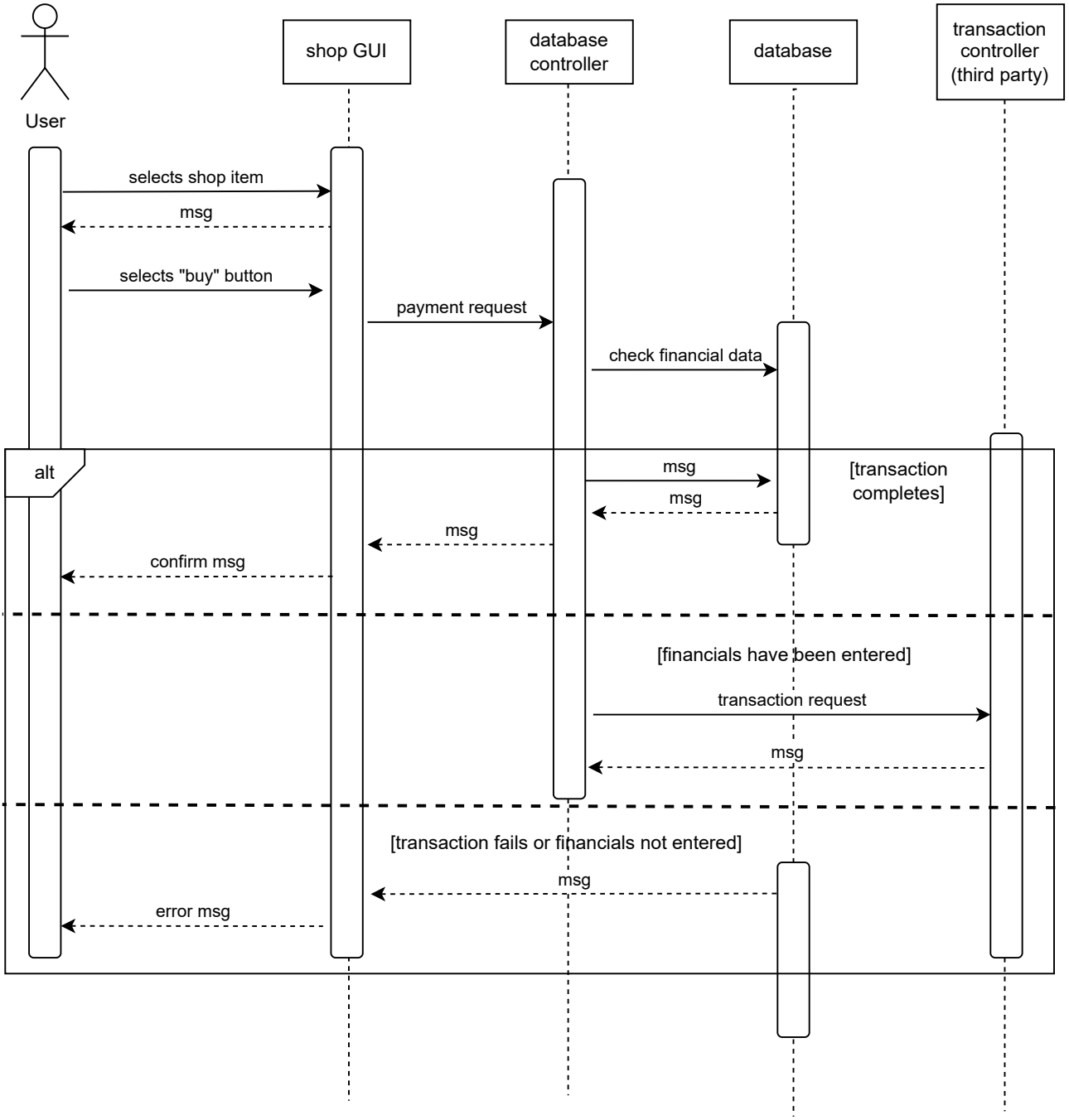


# USE CASE 14


User
settings GUI
settings controller
view controller
view GUI
toggle dark mode setting
msg
alt
[dark mode is on]
access light mode
display light mode
[dark mode is off]
access dark mode
display dark mode


USE CASE 10
User
Main GUI
database controller
database
shop GUI
selects shop button
msg
checks shop data
msg
display msg

# USE CASE 11


User
shop GUI
database controller
database
transaction controller (third party)
selects shop item
msg
selects "buy" button
payment request
check financial data
alt
msg
msg
[transaction completes]
msg
confirm msg
[financials have been entered]
transaction request
msg
[transaction fails or financials not entered]
msg
error msg