IT-314: Software Engineering

Group -14

Social Media Platform

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Under the guidance of:

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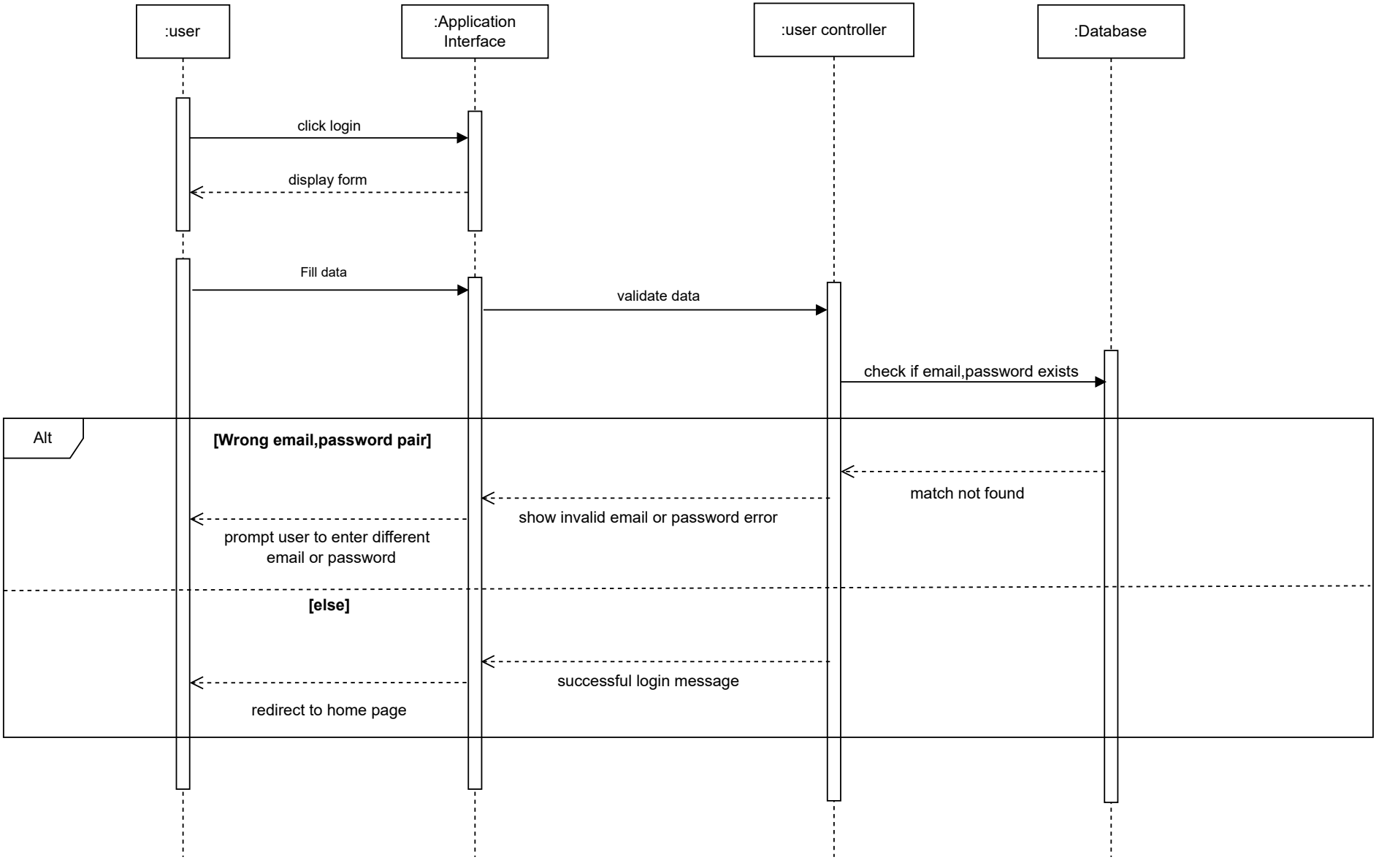
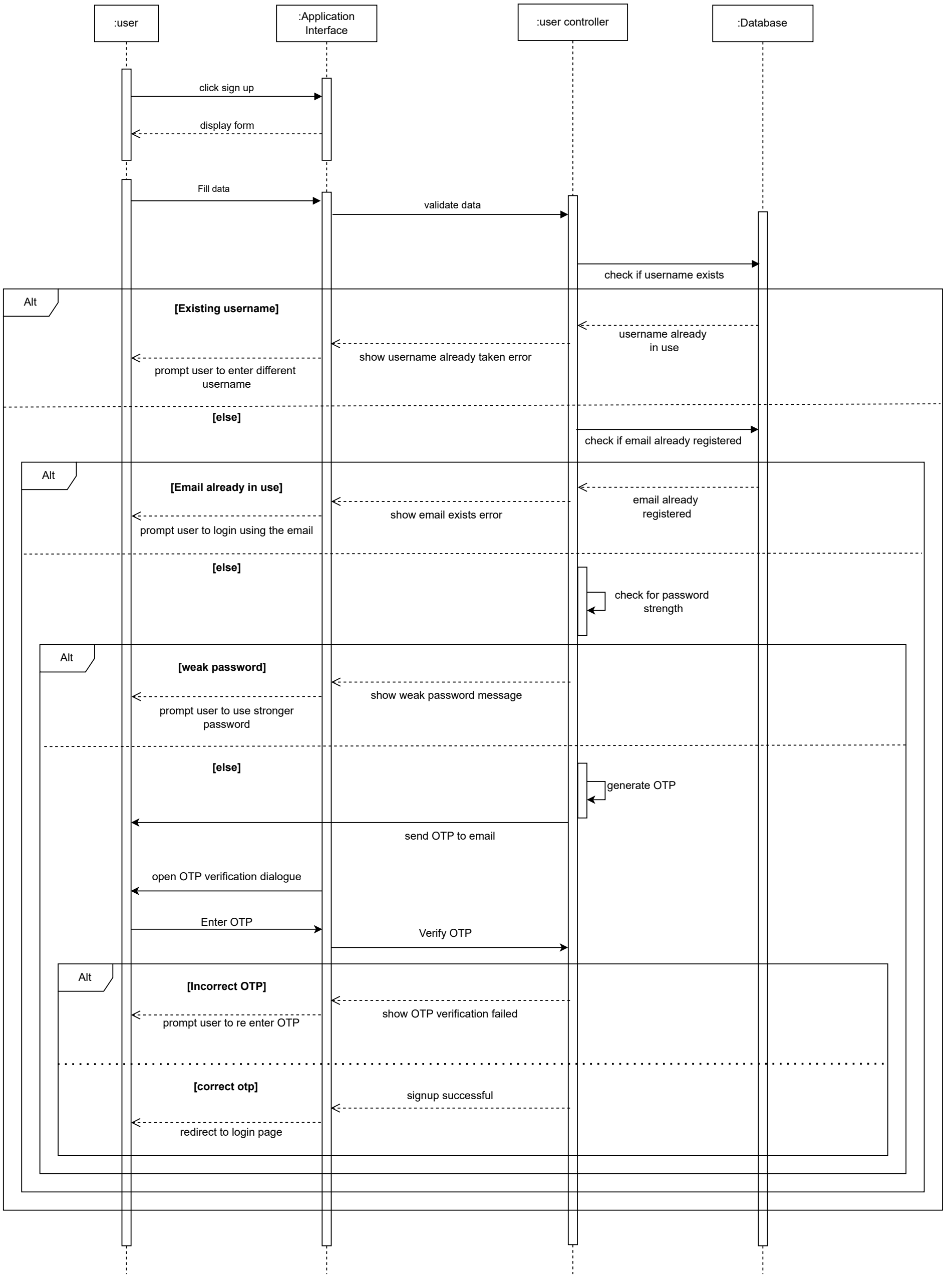
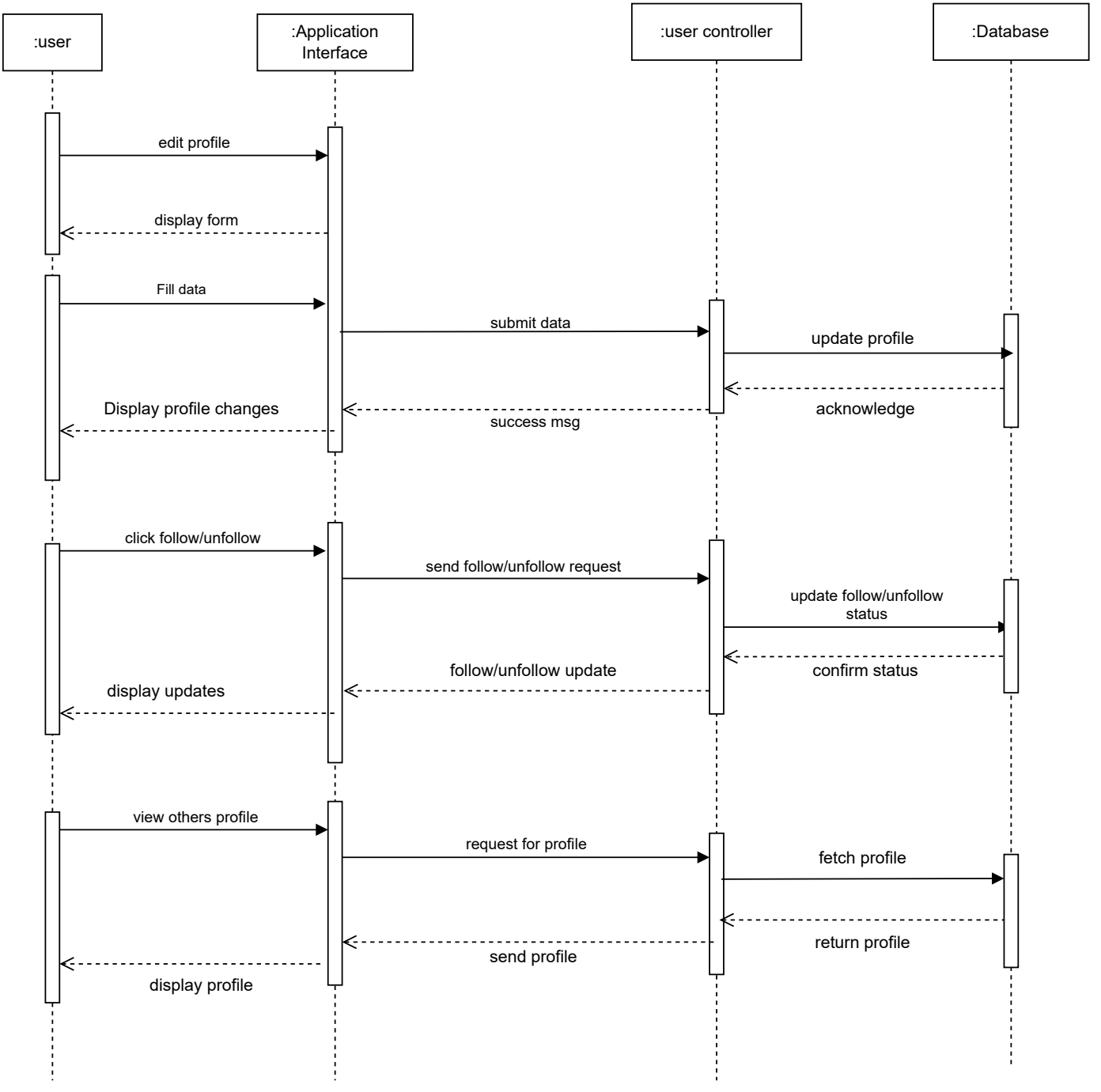
login


:user
:Application Interface
:user controller
:Database
click login
display form
Fill data
validate data
check if email,password exists
Alt
[Wrong email,password pair]
match not found
show invalid email or password error
prompt user to enter different email or password
[else]
successful login message
redirect to home page

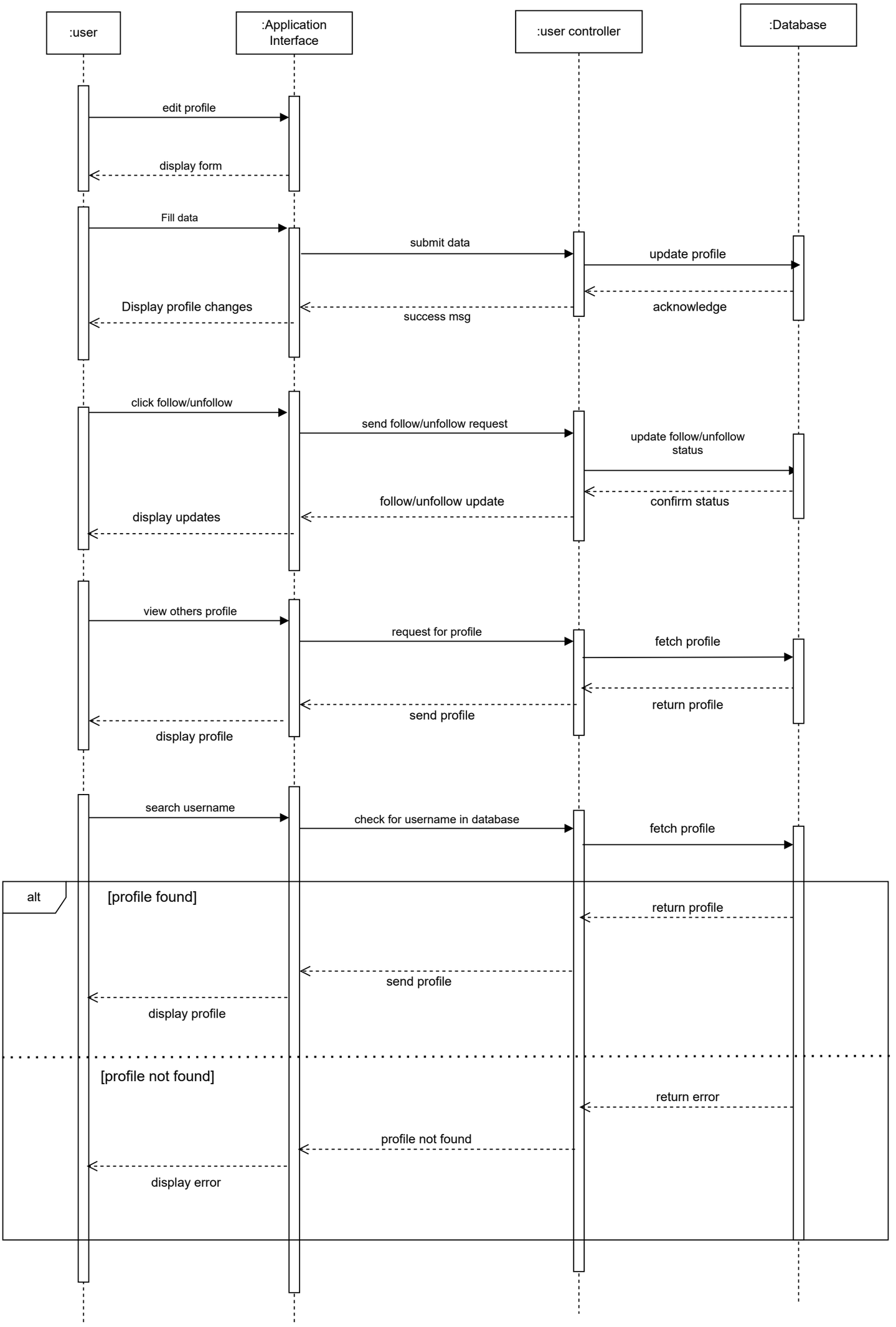
sign up


:user
:Application Interface
:user controller
:Database
click sign up
display form
Fill data
validate data
check if username exists
Alt
[Existing username]
username already in use
show username already taken error
prompt user to enter different username
[else]
check if email already registered
Alt
[Email already in use]
email already registered
show email exists error
prompt user to login using the email
[else]
check for password strength
Alt
[weak password]
show weak password message
prompt user to use stronger password
[else]
generate OTP
send OTP to email
open OTP verification dialogue
Enter OTP
Verify OTP
Alt
[Incorrect OTP]
show OTP verification failed
prompt user to re enter OTP
[correct otp]
signup successful
redirect to login page

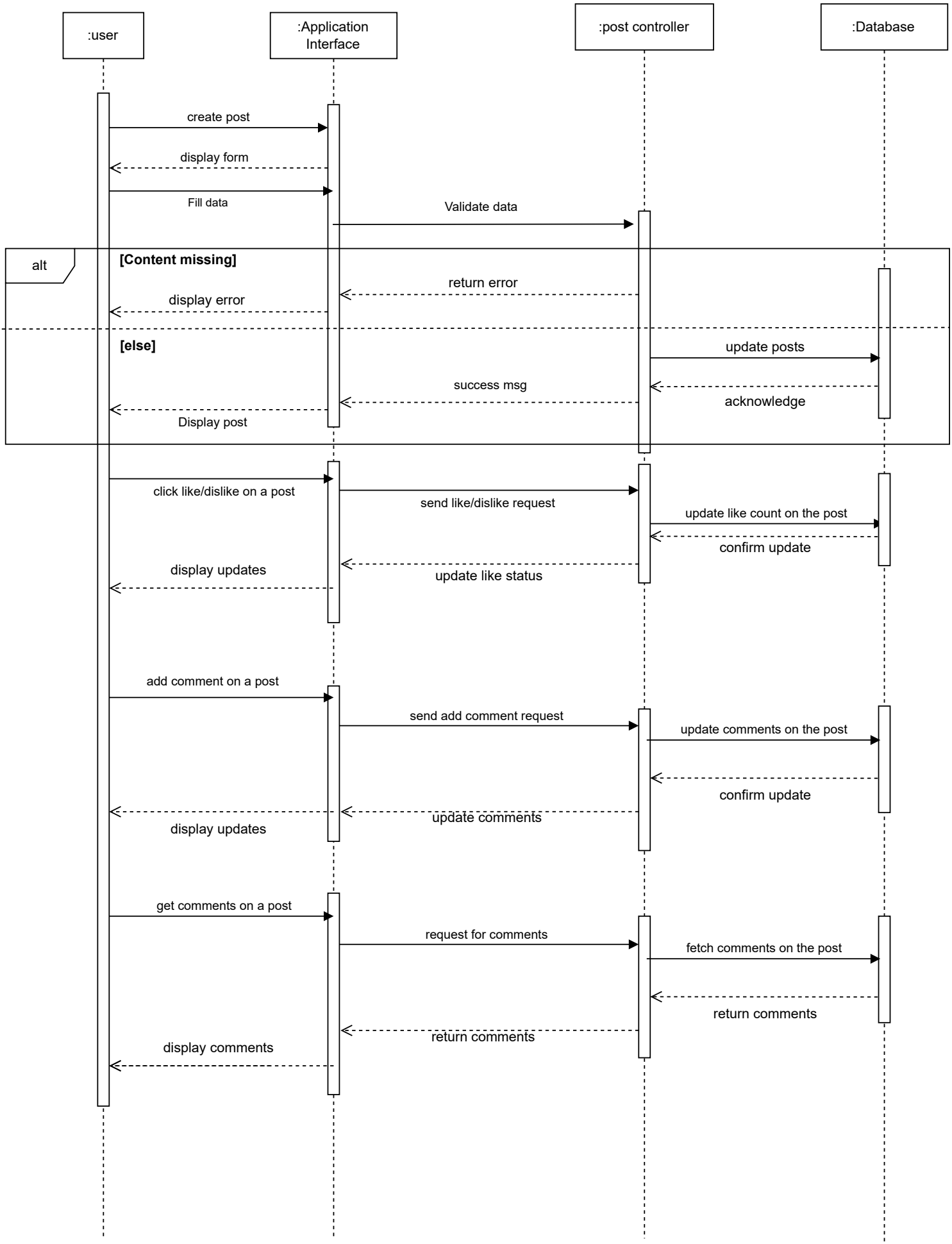
SPRINT - 2


:user
:Application Interface
:user controller
:Database
edit profile
display form
Fill data
submit data
update profile
acknowledge
success msg
Display profile changes
click follow/unfollow
send follow/unfollow request
update follow/unfollow status
confirm status
follow/unfollow update
display updates
view others profile
request for profile
fetch profile
return profile
send profile
display profile

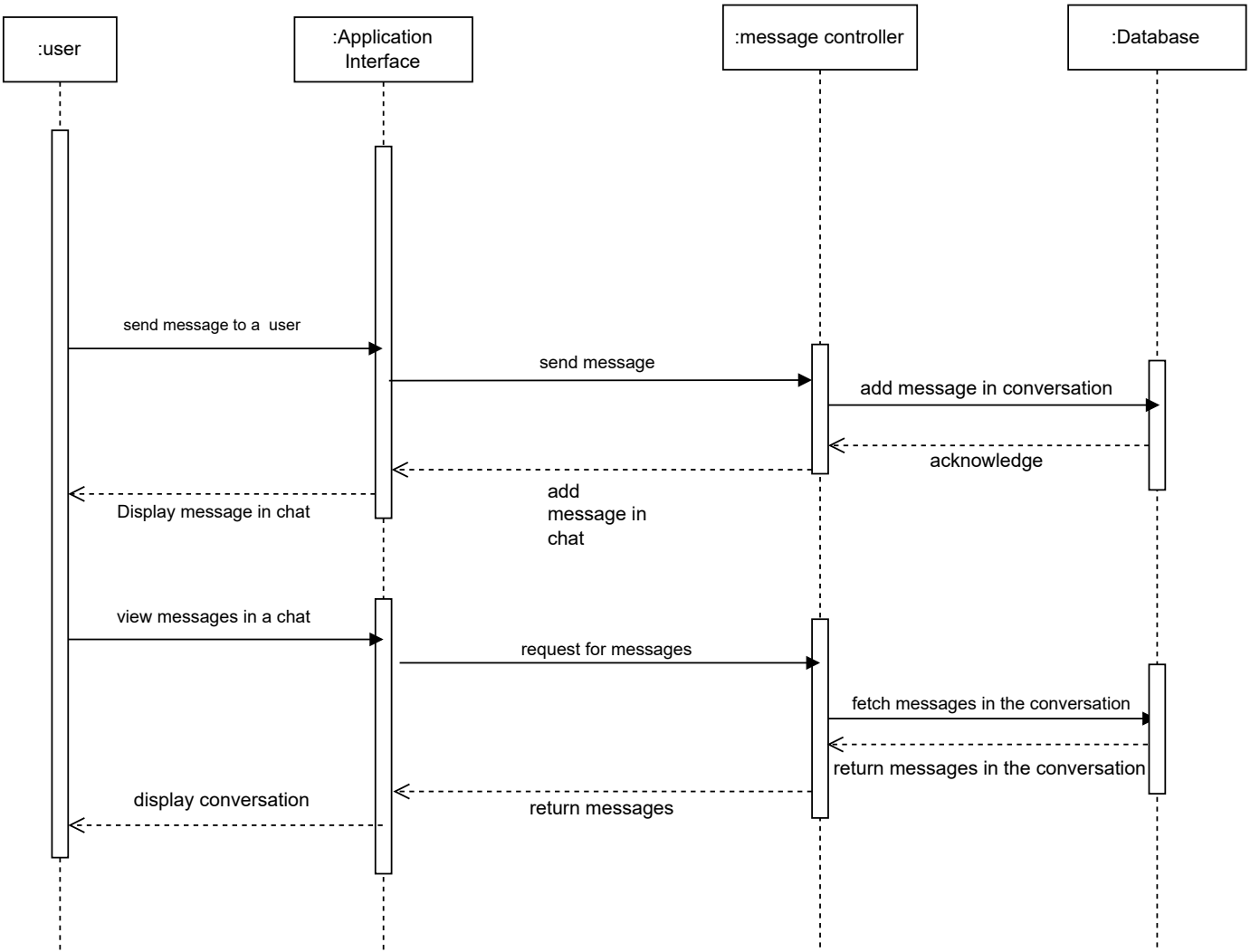
SPRINT - 2


:user
:Application Interface
:user controller
:Database
edit profile
display form
Fill data
submit data
update profile
acknowledge
success msg
Display profile changes
click follow/unfollow
send follow/unfollow request
update follow/unfollow status
confirm status
follow/unfollow update
display updates
view others profile
request for profile
fetch profile
return profile
send profile
display profile
search username
check for username in database
fetch profile
alt
[profile found]
return profile
send profile
display profile
[profile not found]
return error
profile not found
display error

SPRINT - 3


:user
:Application Interface
:post controller
:Database
create post
display form
Fill data
Validate data
alt
[Content missing]
return error
display error
[else]
update posts
success msg
acknowledge
Display post
click like/dislike on a post
send like/dislike request
update like count on the post
confirm update
display updates
update like status
add comment on a post
send add comment request
update comments on the post
confirm update
update comments
display updates
get comments on a post
request for comments
fetch comments on the post
return comments
return comments
display comments

SPRINT - 4


:user
:Application Interface
:message controller
:Database
send message to a user
send message
add message in conversation
acknowledge
Display message in chat
add message in chat
view messages in a chat
request for messages
fetch messages in the conversation
return messages in the conversation
display conversation
return messages