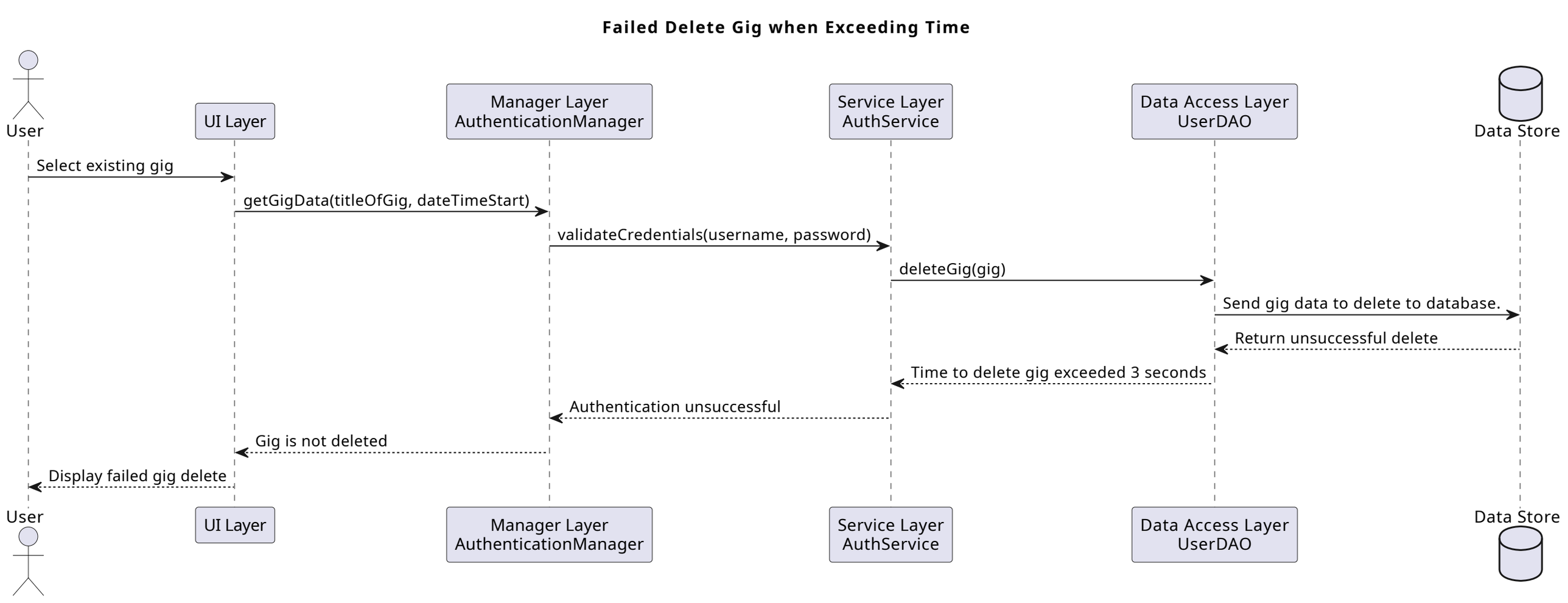
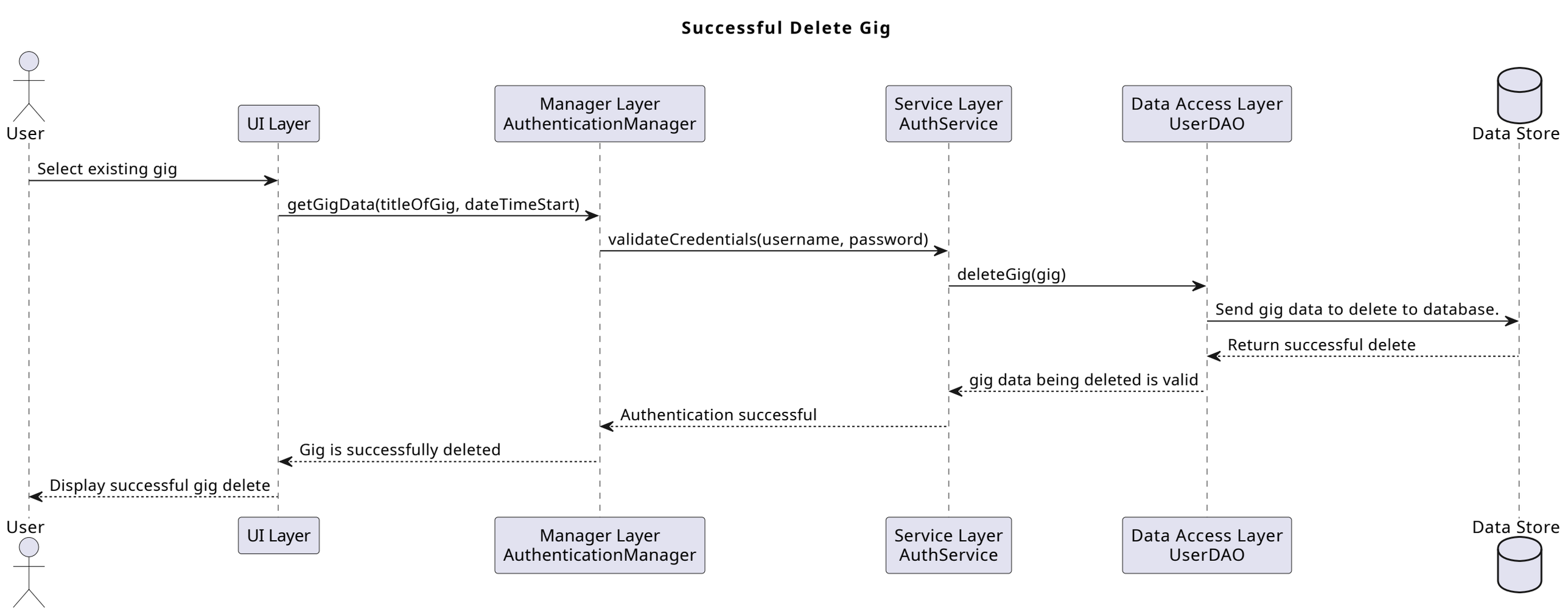
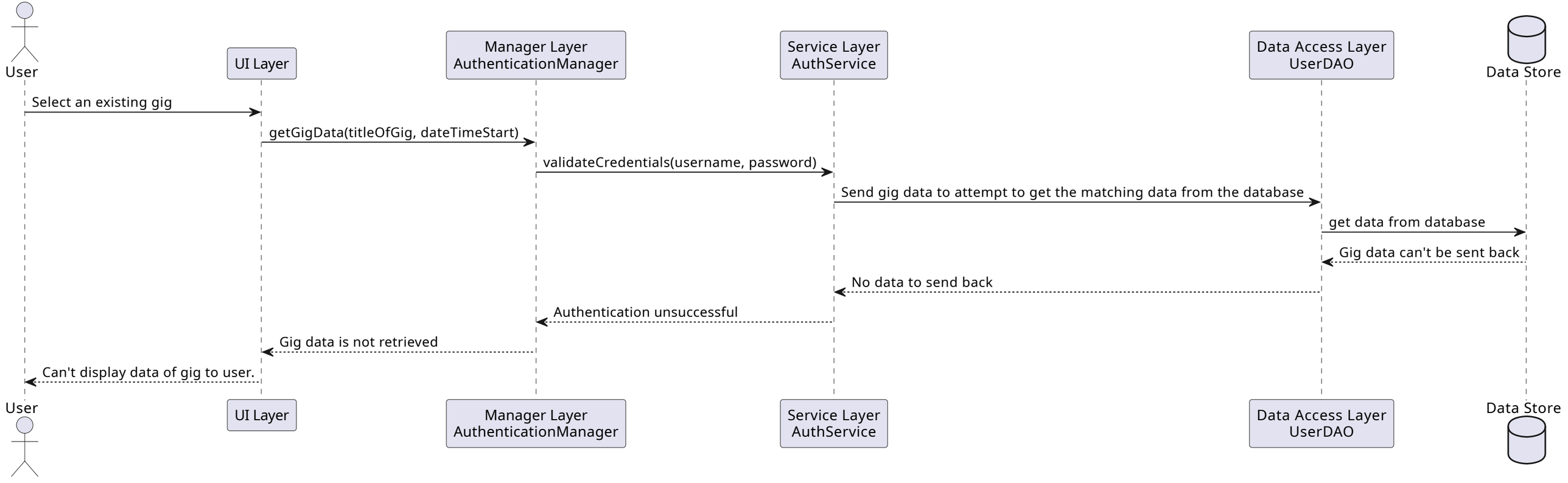
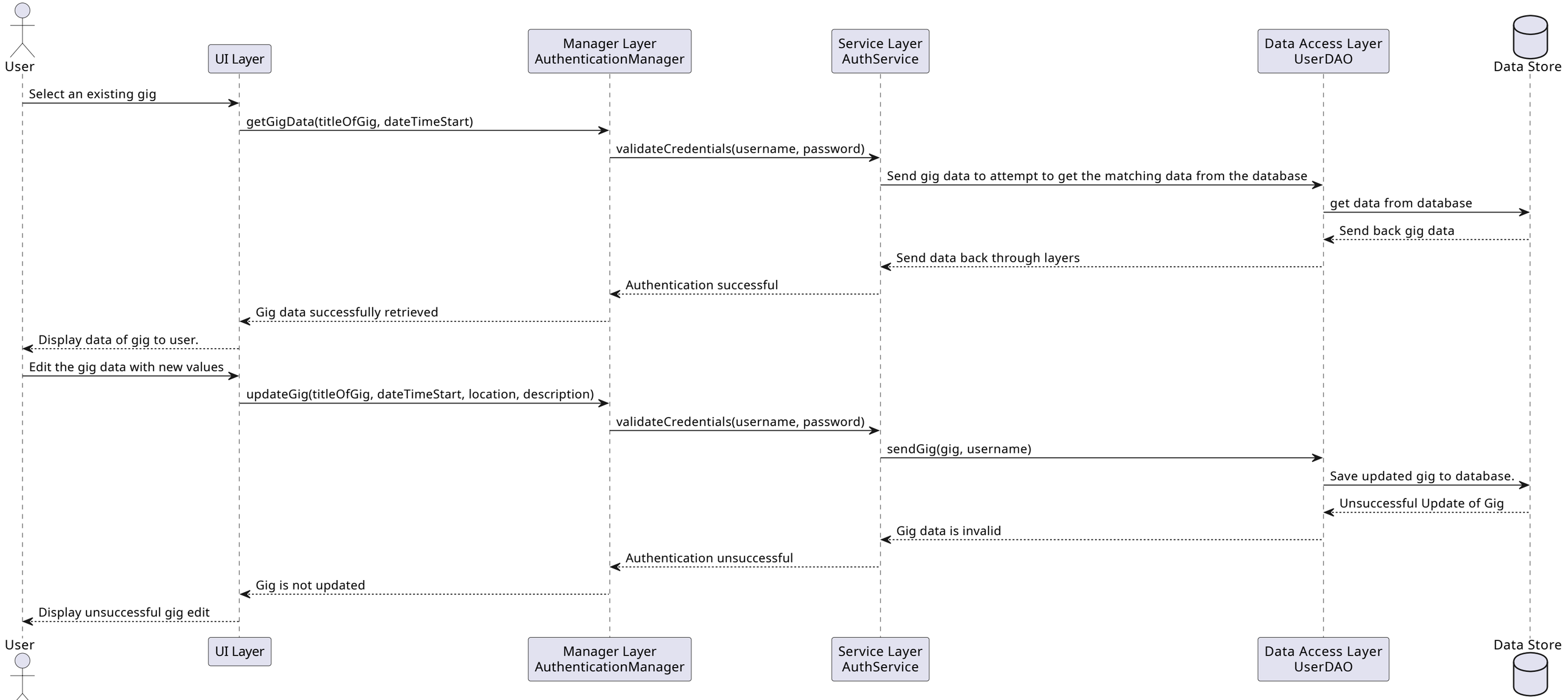

Failed Delete Gig when Exceeding Time
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store
Select existing gig
getGigData(titleOfGig, dateTimeStart)
validateCredentials(username, password)
deleteGig(gig)
Send gig data to delete to database.
Return unsuccessful delete
Time to delete gig exceeded 3 seconds
Authentication unsuccessful
Gig is not deleted
Display failed gig delete
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store


Successful Delete Gig
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store
Select existing gig
getGigData(titleOfGig, dateTimeStart)
validateCredentials(username, password)
deleteGig(gig)
Send gig data to delete to database.
Return successful delete
gig data being deleted is valid
Authentication successful
Gig is successfully deleted
Display successful gig delete
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store

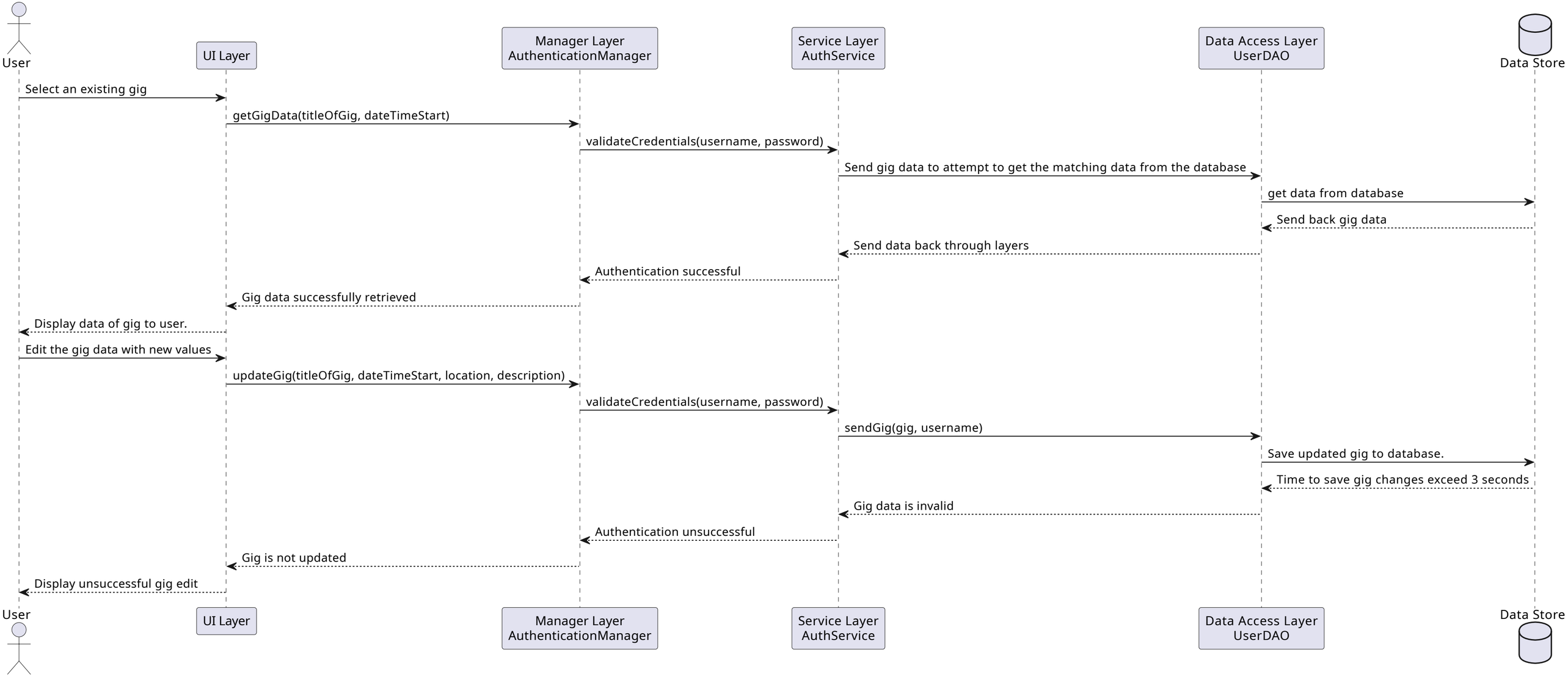
Failed Edit Gig on Retrieving Data

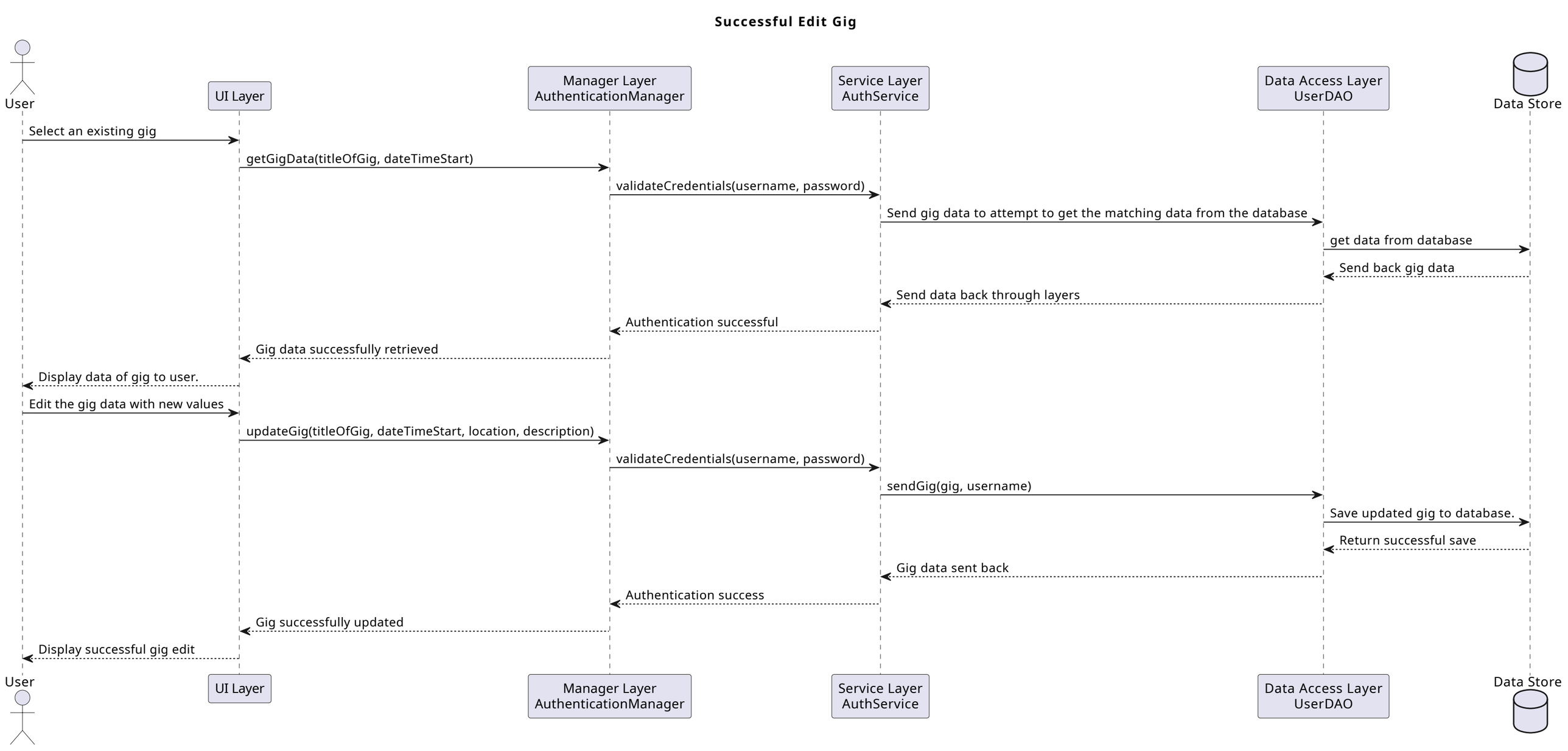


Failed Edit Gig on Database Update

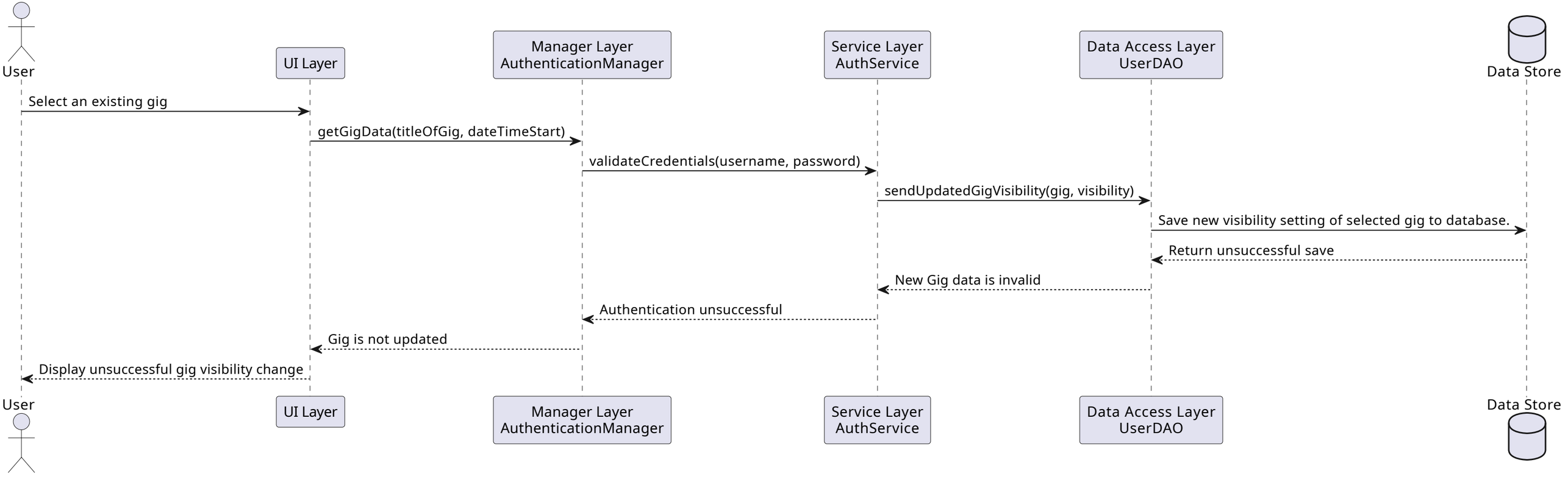


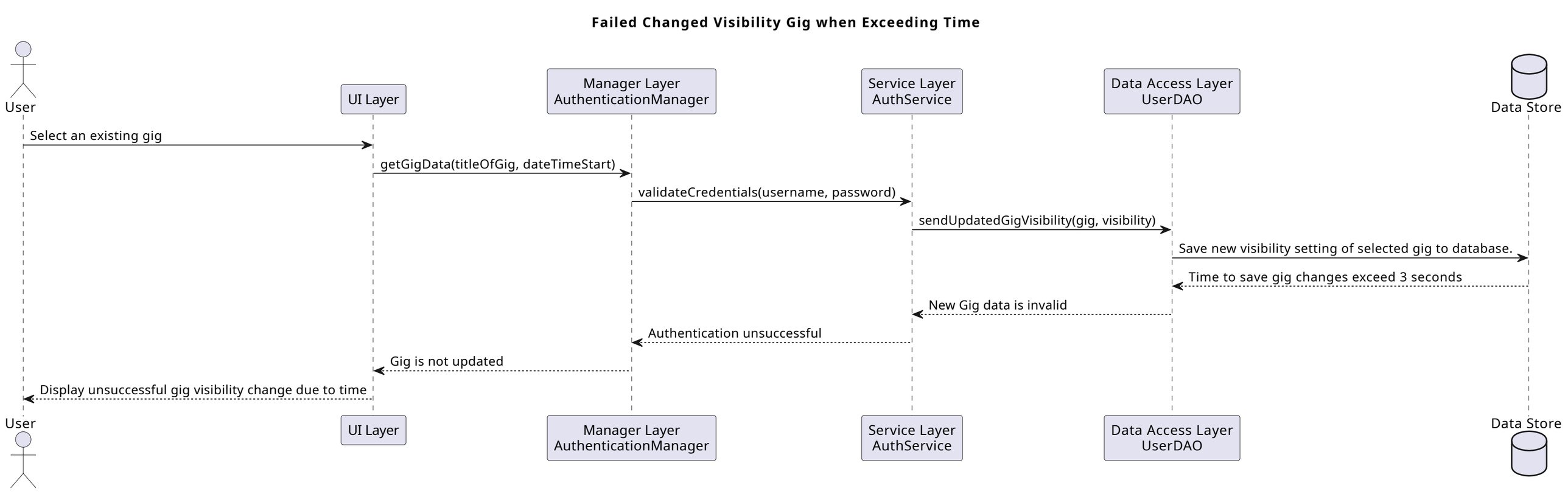
Failed Edit Gig on Database Time



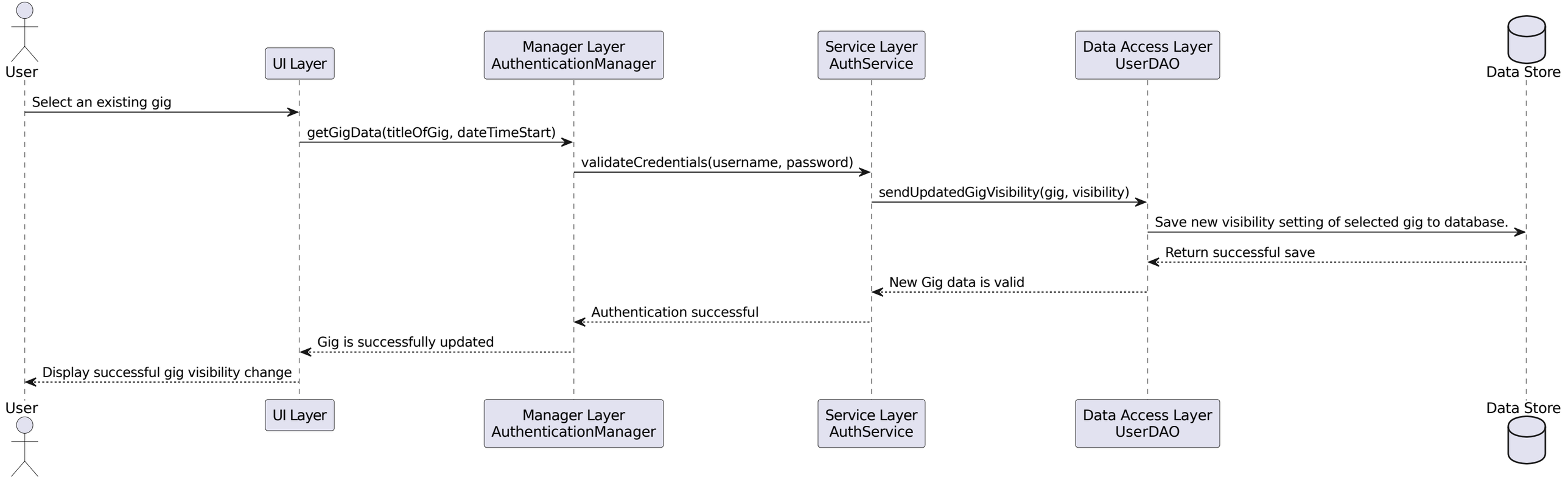

Successful Edit Gig
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store
Select an existing gig
getGigData(titleOfGig, dateTimeStart)
validateCredentials(username, password)
Send gig data to attempt to get the matching data from the database
get data from database
Send back gig data
Send data back through layers
Authentication successful
Gig data successfully retrieved
Display data of gig to user.
Edit the gig data with new values
updateGig(titleOfGig, dateTimeStart, location, description)
validateCredentials(username, password)
sendGig(gig, username)
Save updated gig to database.
Return successful save
Gig data sent back
Authentication success
Gig successfully updated
Display successful gig edit
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store

Failed Changed Visibility Gig on Database Save

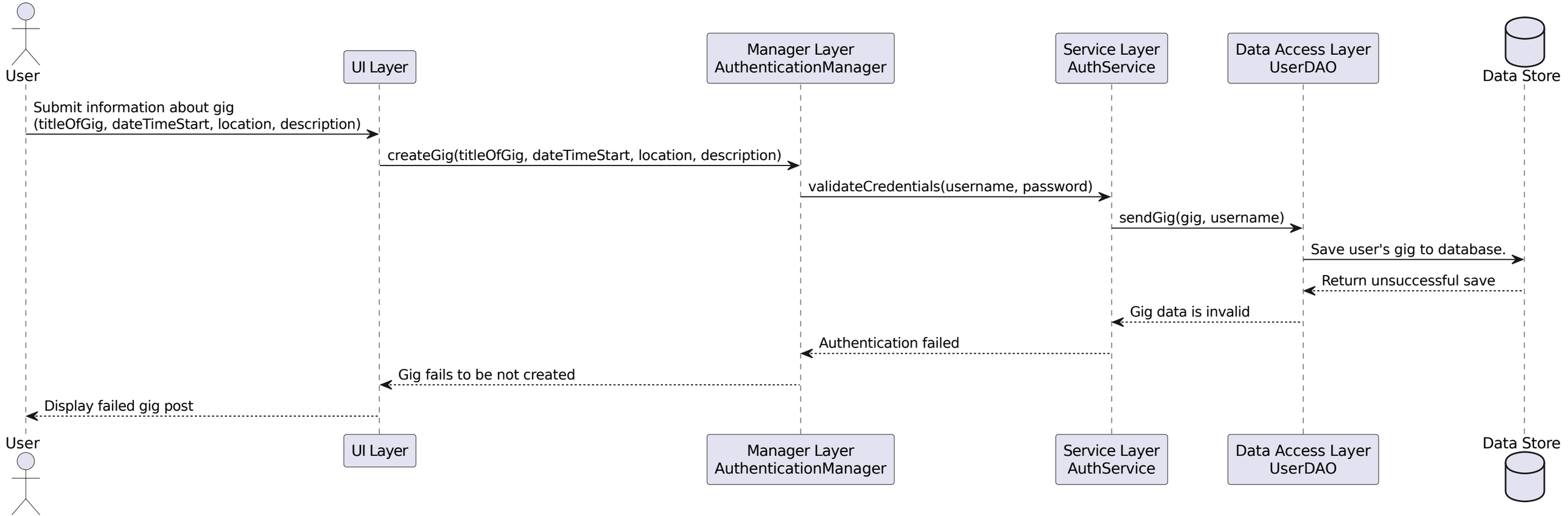



Failed Changed Visibility Gig when Exceeding Time
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store
Select an existing gig
getGigData(titleOfGig, dateTimeStart)
validateCredentials(username, password)
sendUpdatedGigVisibility(gig, visibility)
Save new visibility setting of selected gig to database.
Time to save gig changes exceed 3 seconds
New Gig data is invalid
Authentication unsuccessful
Gig is not updated
Display unsuccessful gig visibility change due to time
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store

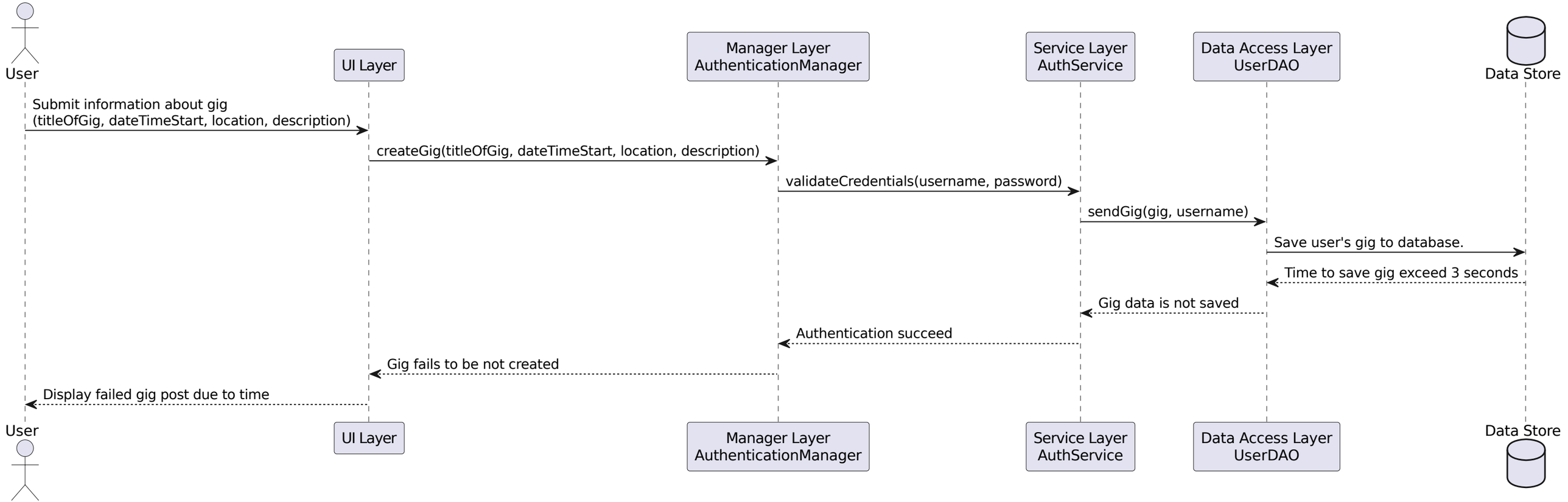
Successful Changed Visibility Gig

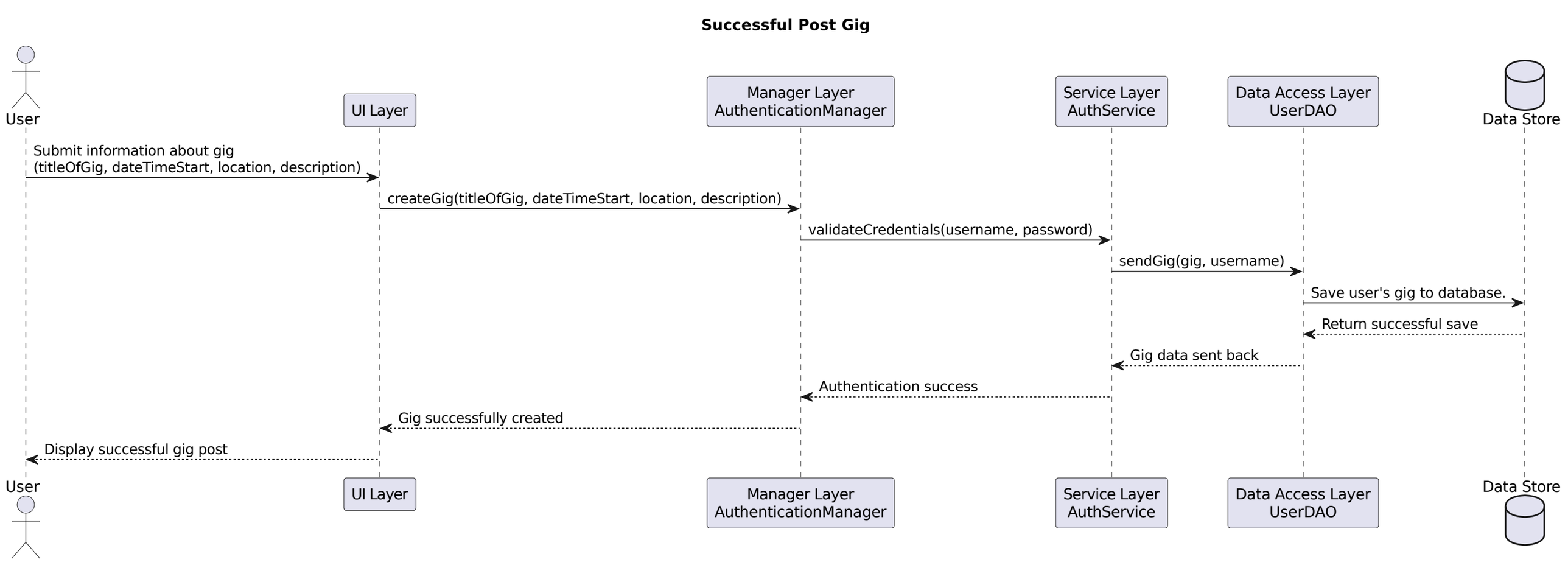


Failed Post Gig on Database Save

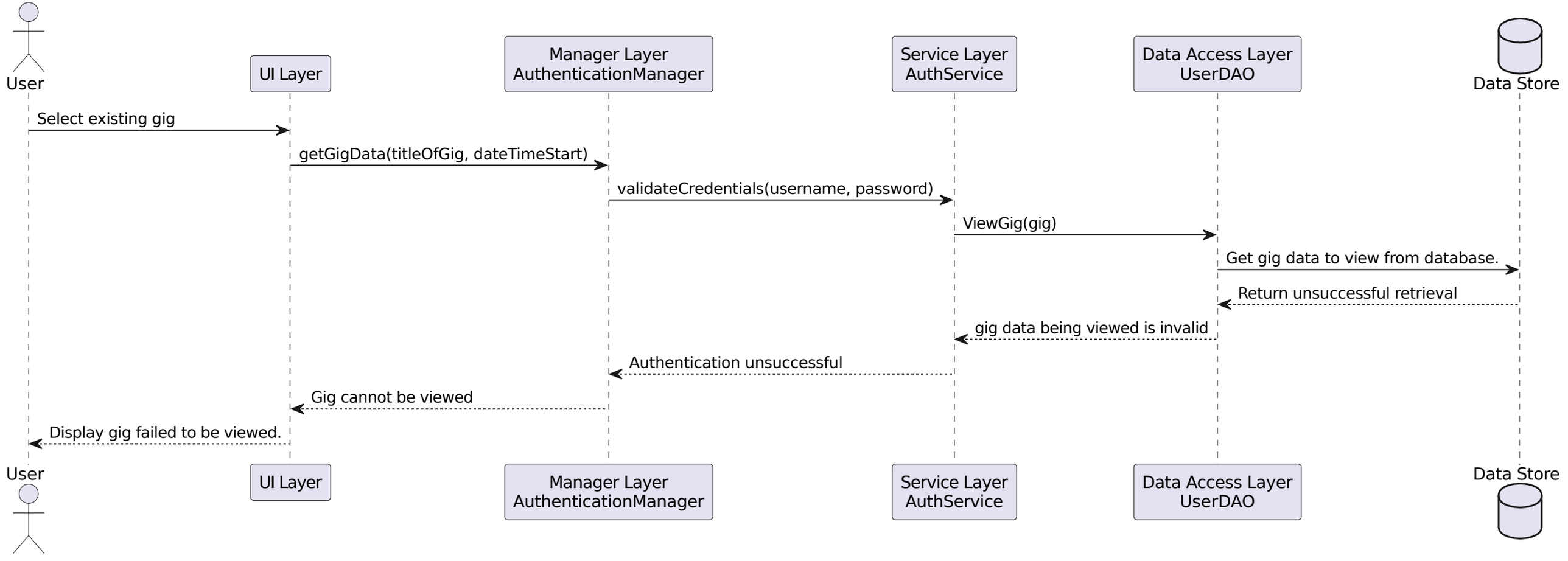


Failed Post Gig when Exceeding Time

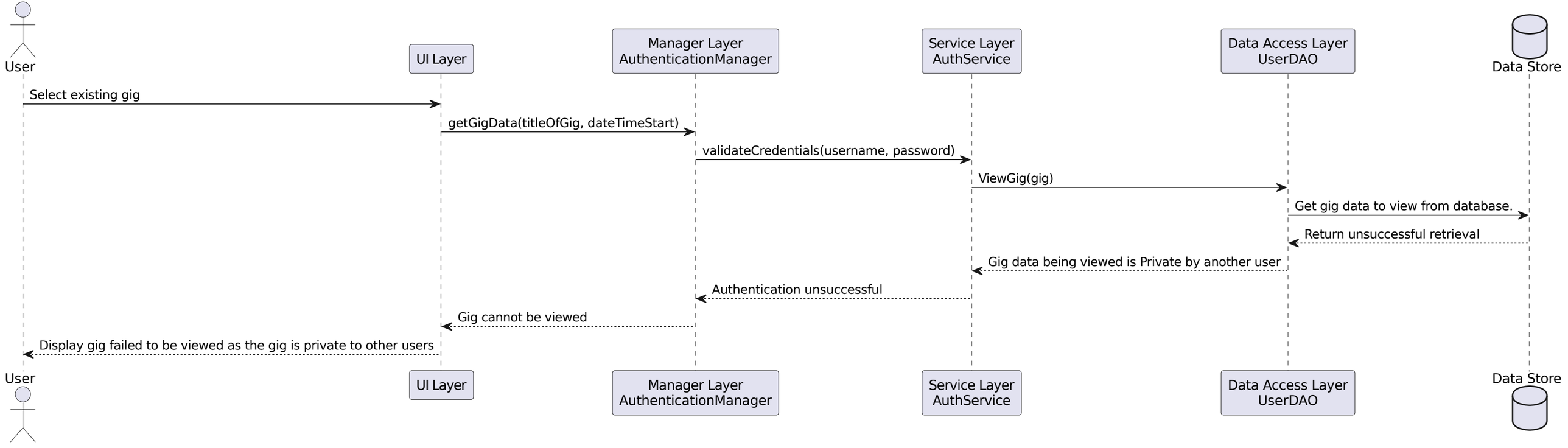



Successful Post Gig
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store
Submit information about gig
(titleOfGig, dateTimeStart, location, description)
createGig(titleOfGig, dateTimeStart, location, description)
validateCredentials(username, password)
sendGig(gig, username)
Save user's gig to database.
Return successful save
Gig data sent back
Authentication success
Gig successfully created
Display successful gig post
User
UI Layer
Manager Layer
AuthenticationManager
Service Layer
AuthService
Data Access Layer
UserDAO
Data Store

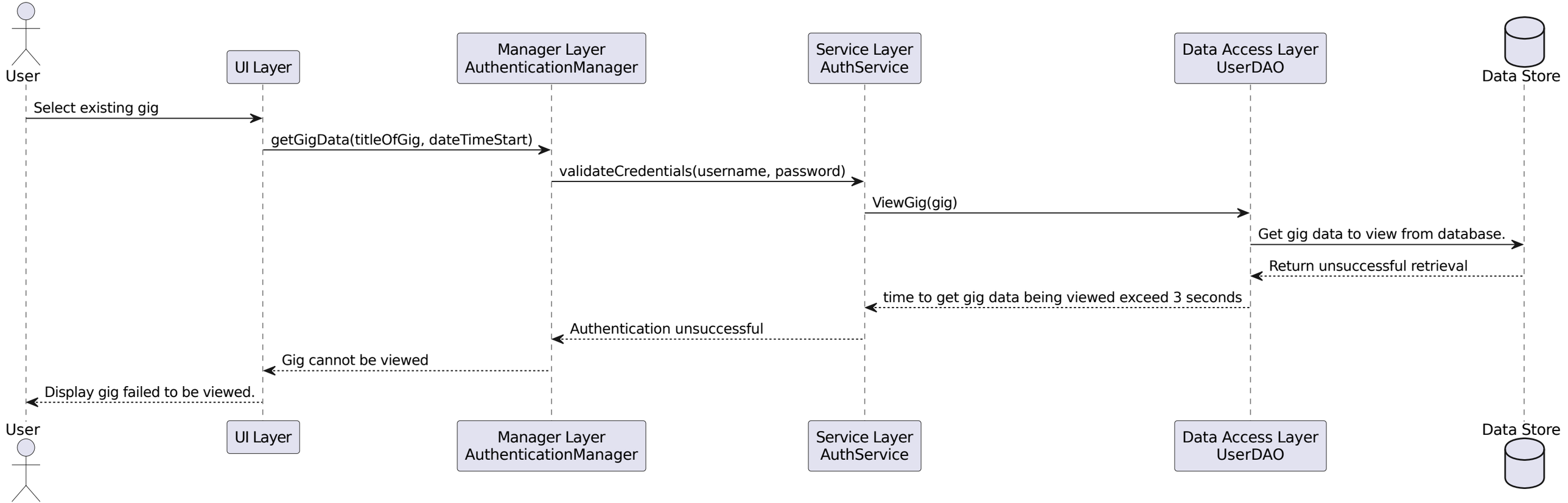
Failed View Gig of Nonexistent Gig



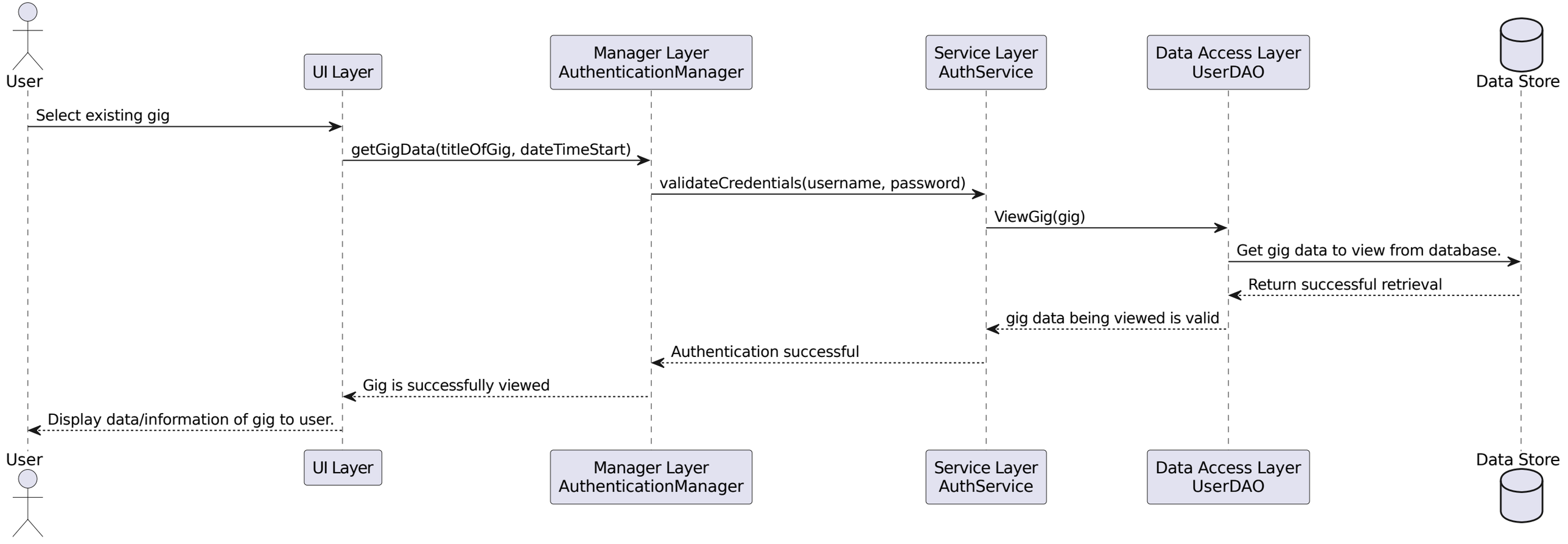
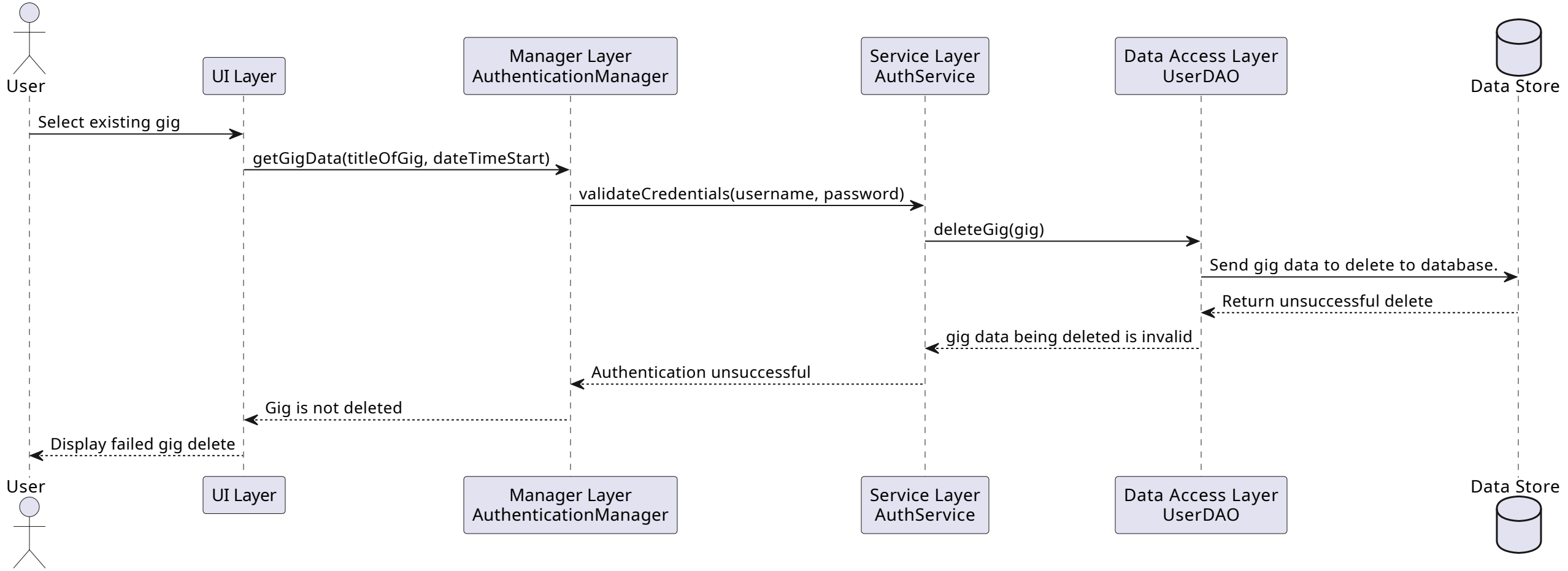
Failed View Gig of Private Gig



Failed View Gig when Exceeding Time



Successful View Gig



Failed Delete Gig due to Nonexistent Gig