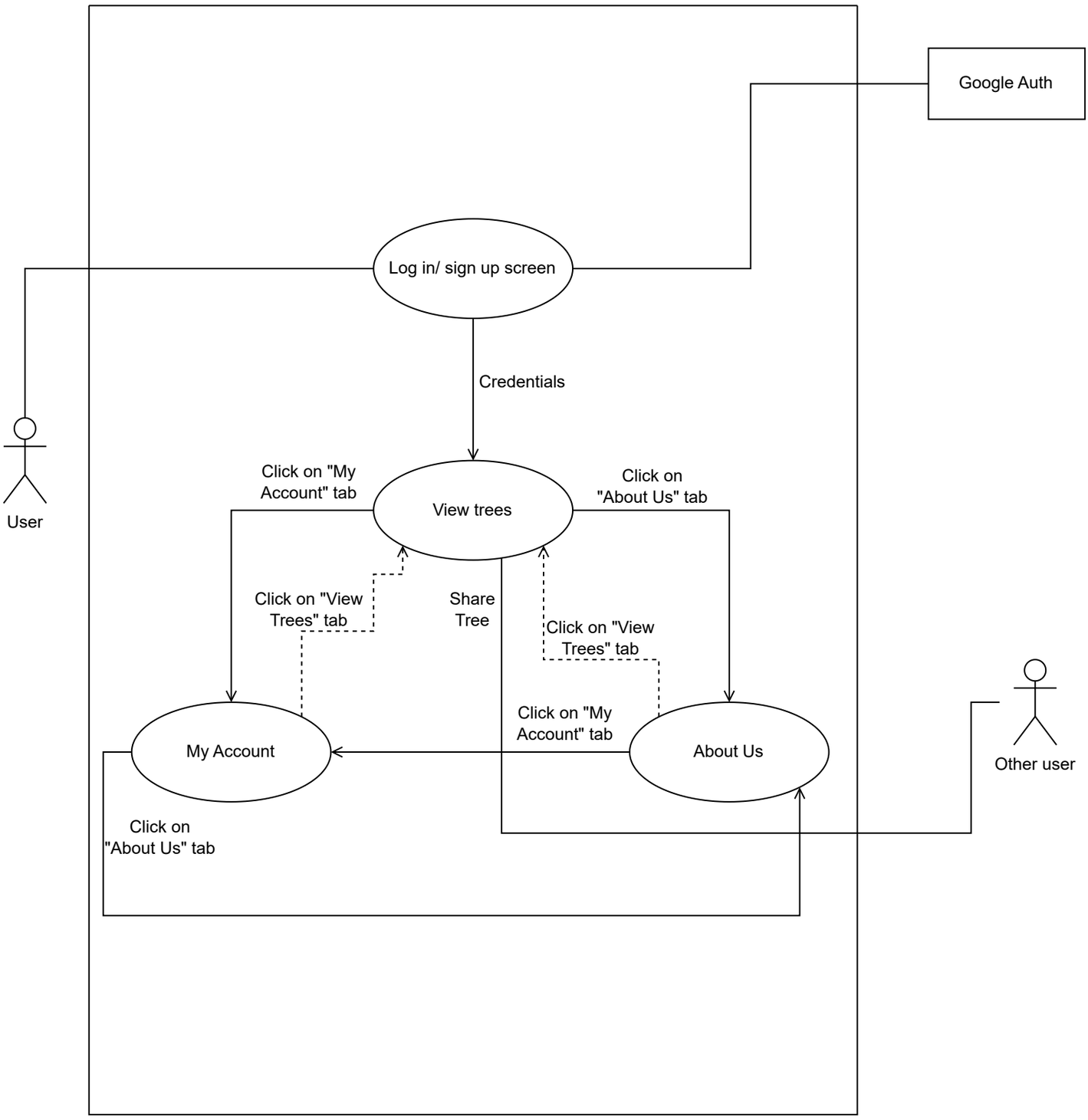
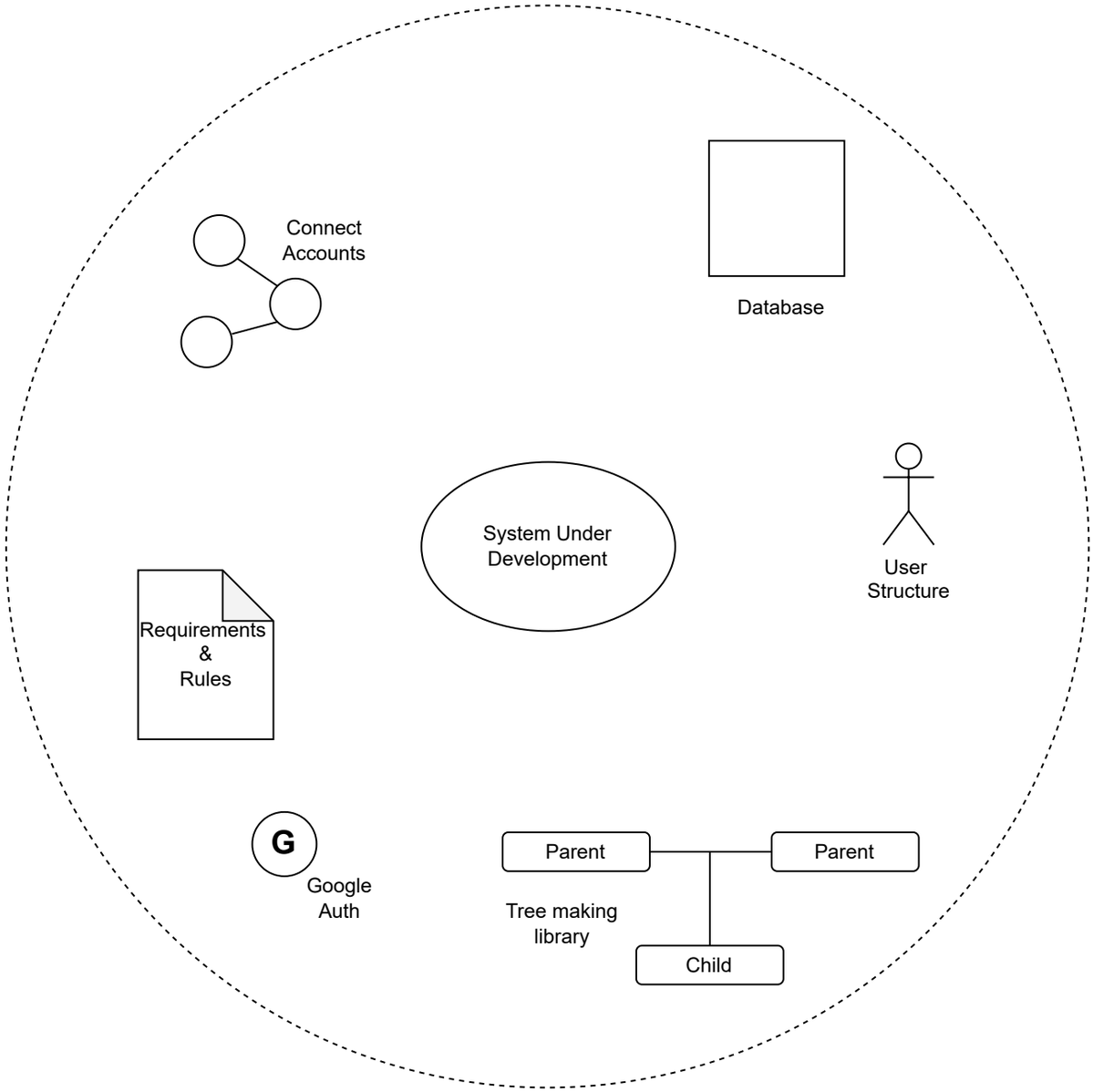
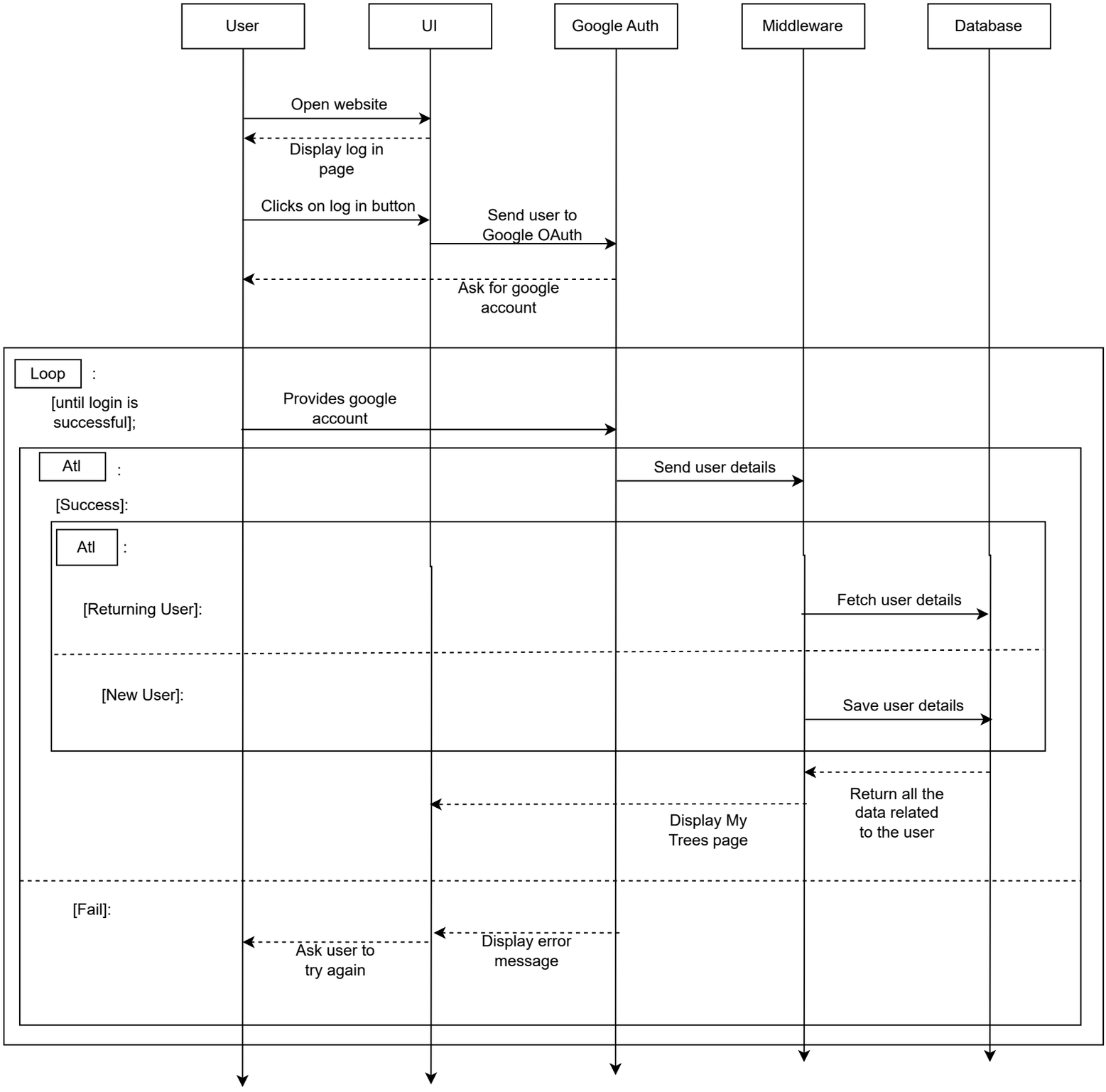
Use case diagram



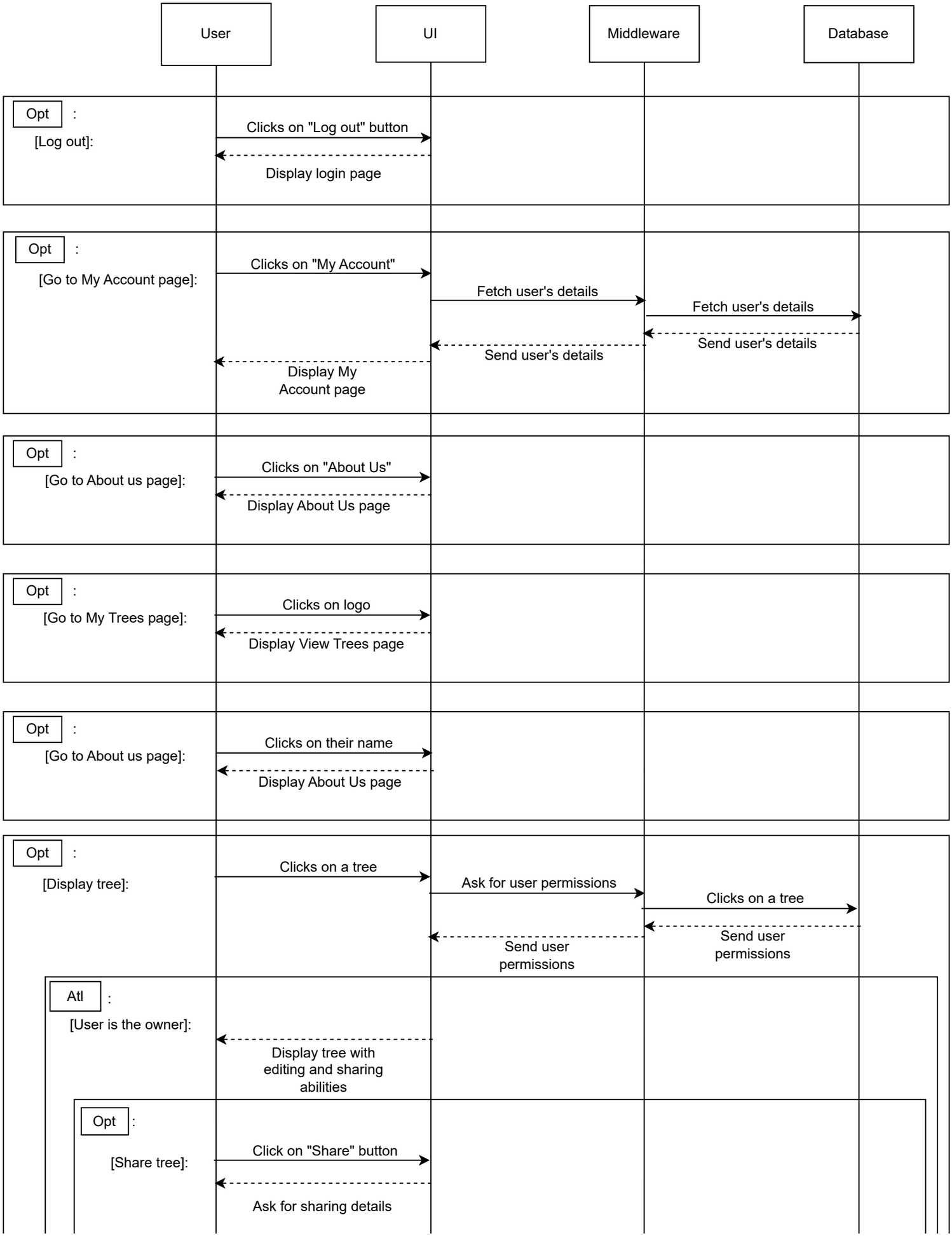
Domain Analysis diagram

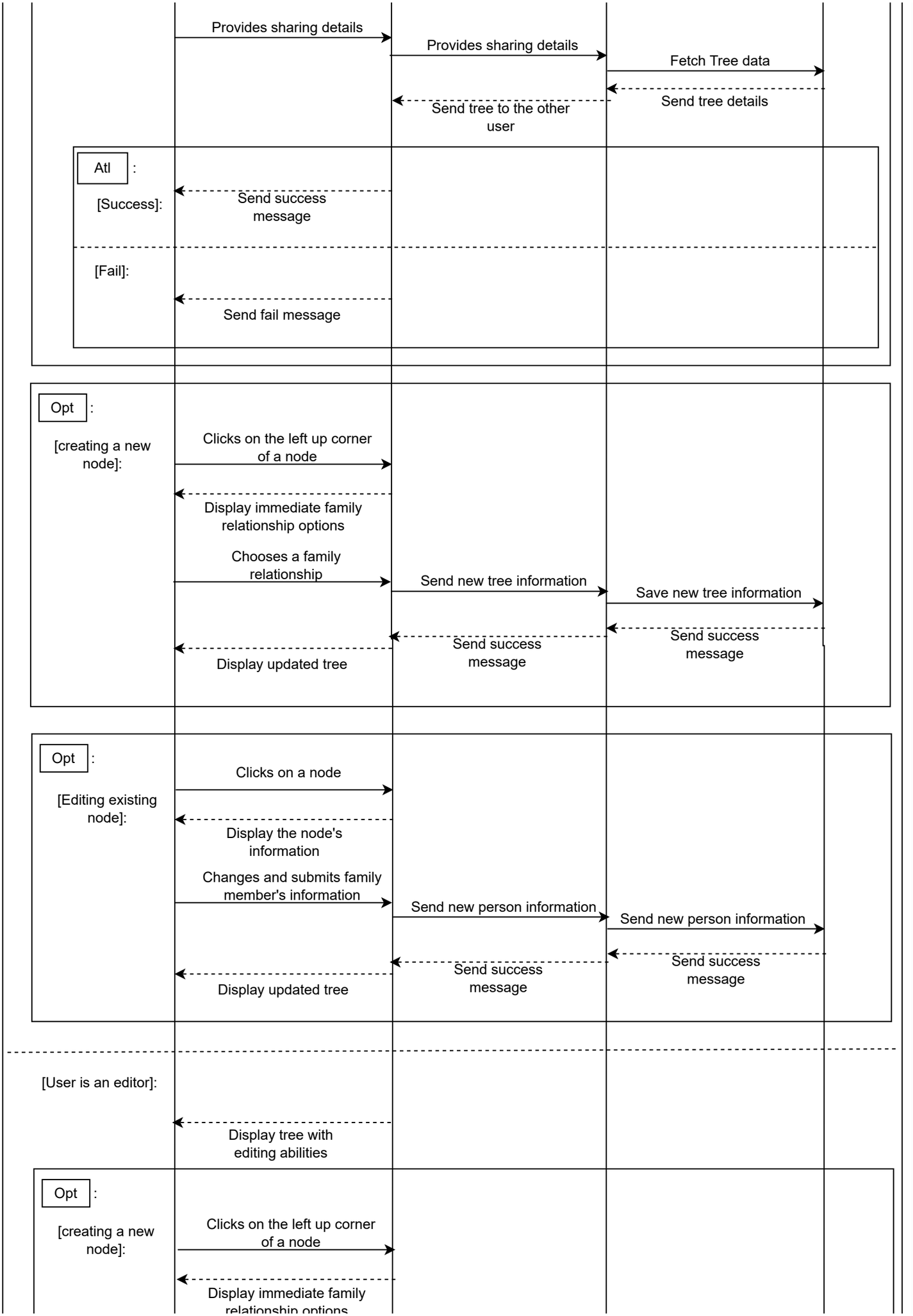


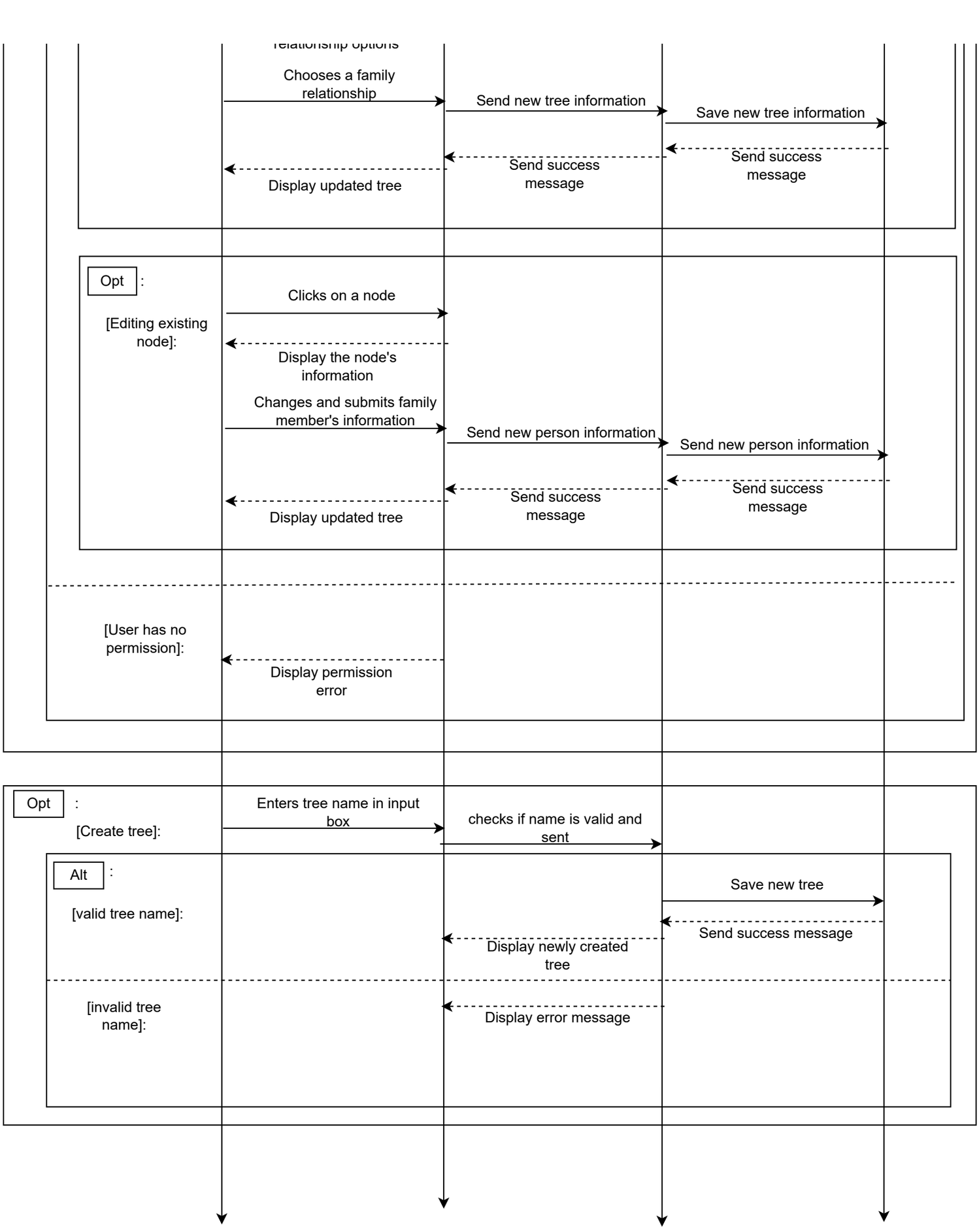
SD for Login/SignUp



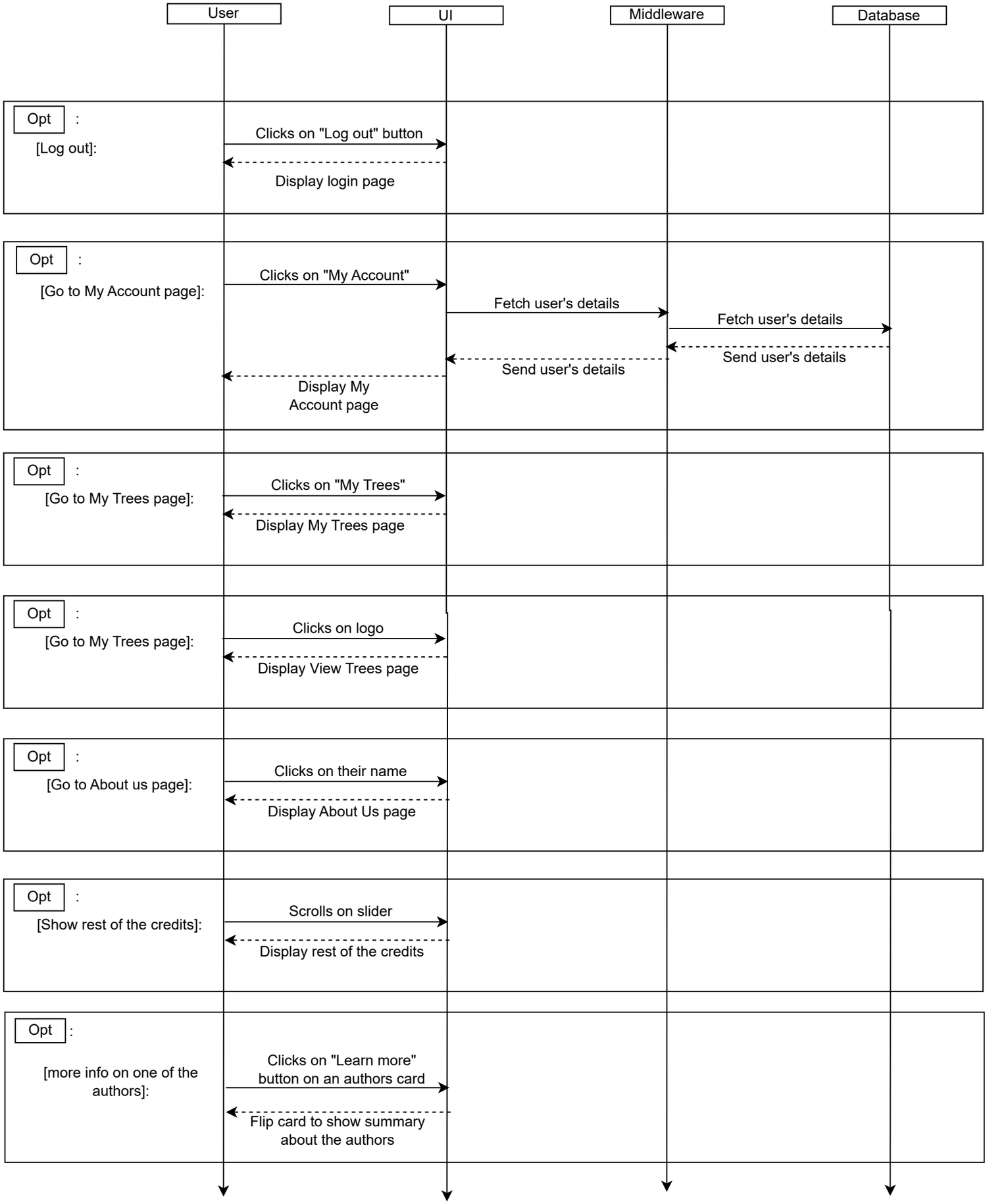
SD for View Trees



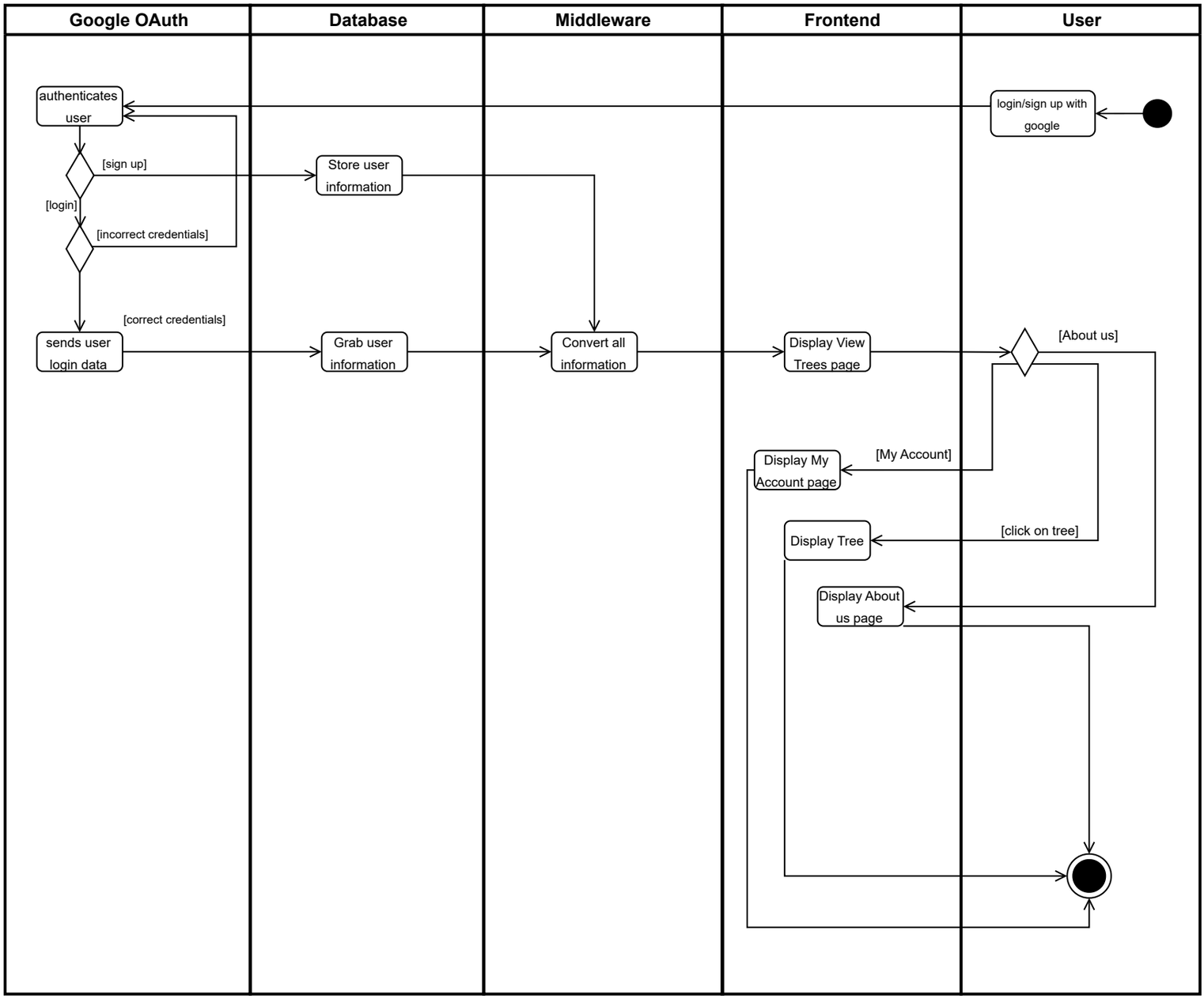

Provides sharing details
Provides sharing details
Fetch Tree data
Send tree details
Send tree to the other user
Atl :
[Success]:
Send success message
[Fail]:
Send fail message
Opt :
[creating a new node]:
Clicks on the left up corner of a node
Display immediate family relationship options
Chooses a family relationship
Send new tree information
Save new tree information
Send success message
Send success message
Display updated tree
Opt :
[Editing existing node]:
Clicks on a node
Display the node's information
Changes and submits family member's information
Send new person information
Send new person information
Send success message
Send success message
Display updated tree
[User is an editor]:
Display tree with editing abilities
Opt :
[creating a new node]:
Clicks on the left up corner of a node
Display immediate family relationship options


relationship options
Chooses a family relationship
Send new tree information
Save new tree information
Send success message
Send success message
Display updated tree
Opt :
[Editing existing node]:
Clicks on a node
Display the node's information
Changes and submits family member's information
Send new person information
Send new person information
Send success message
Send success message
Display updated tree
[User has no permission]:
Display permission error
Opt :
[Create tree]:
Enters tree name in input box
checks if name is valid and sent
Alt :
[valid tree name]:
Save new tree
Send success message
Display newly created tree
[invalid tree name]:
Display error message

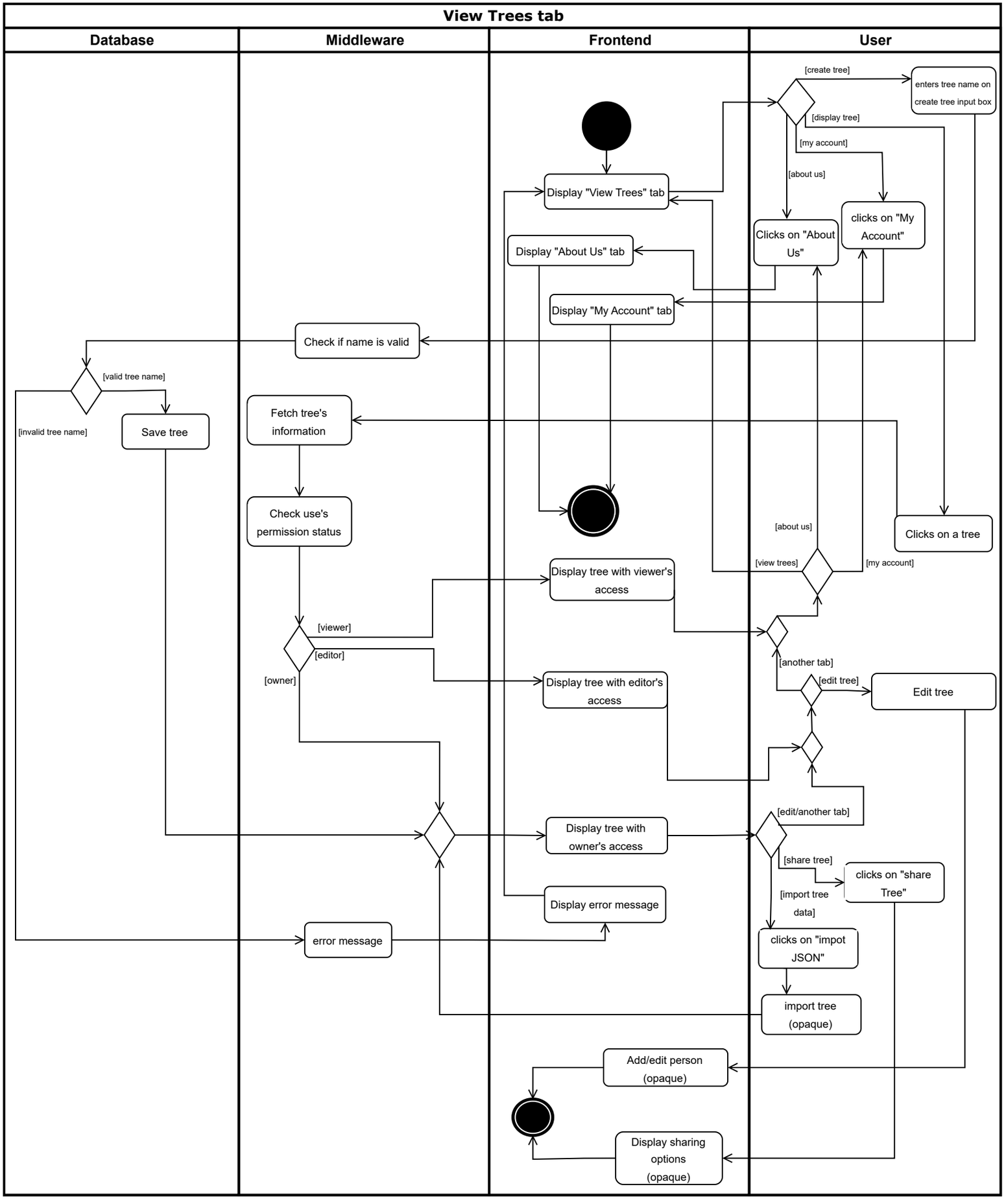
SD for About Us



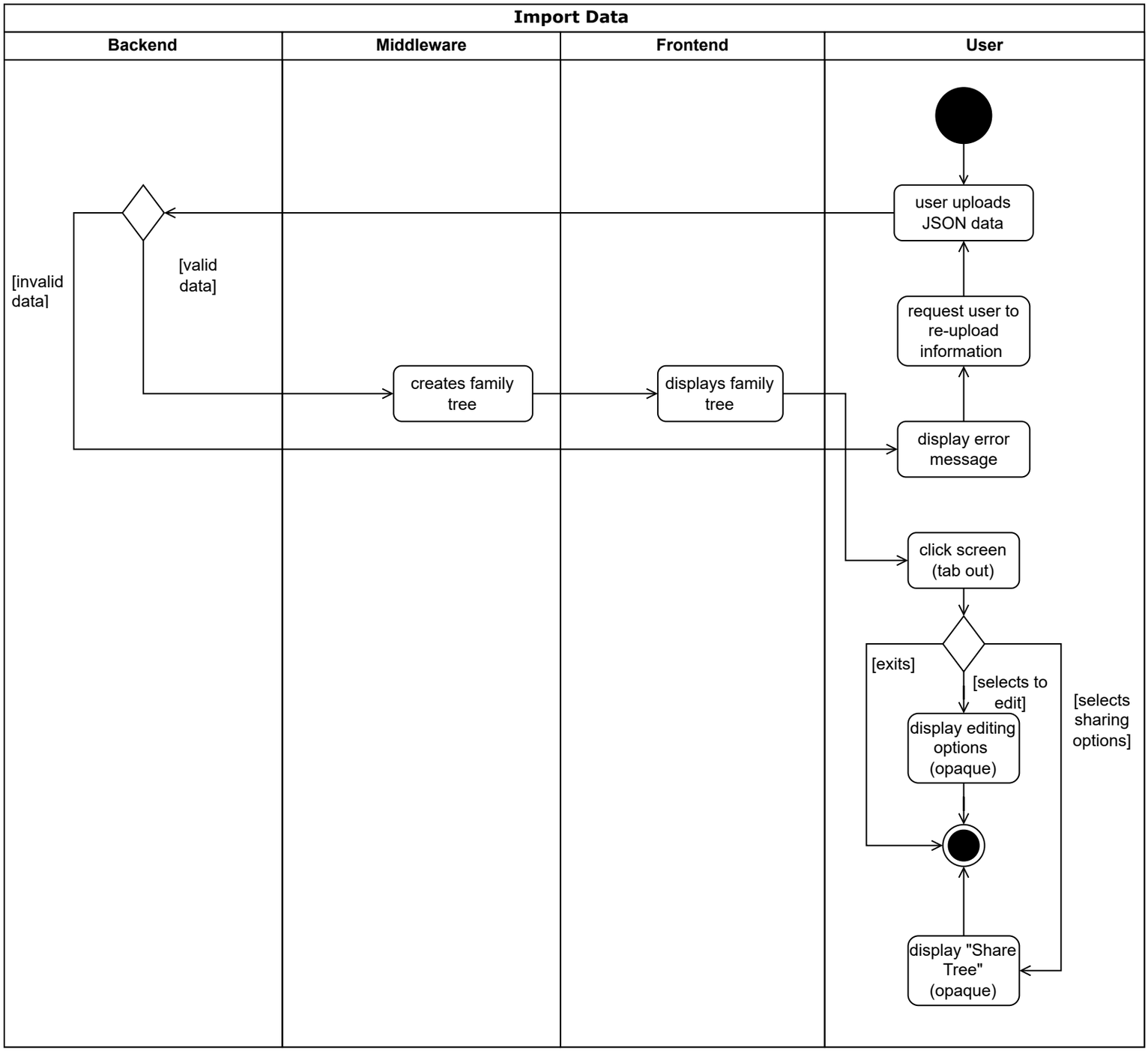
AD for Log in


Google OAuth
Database
Middleware
Frontend
User
authenticates user
login/sign up with google
[sign up]
Store user information
[login]
[incorrect credentials]
[correct credentials]
sends user login data
Grab user information
Convert all information
Display View Trees page
[About us]
Display My Account page
[My Account]
Display Tree
[click on tree]
Display About us page

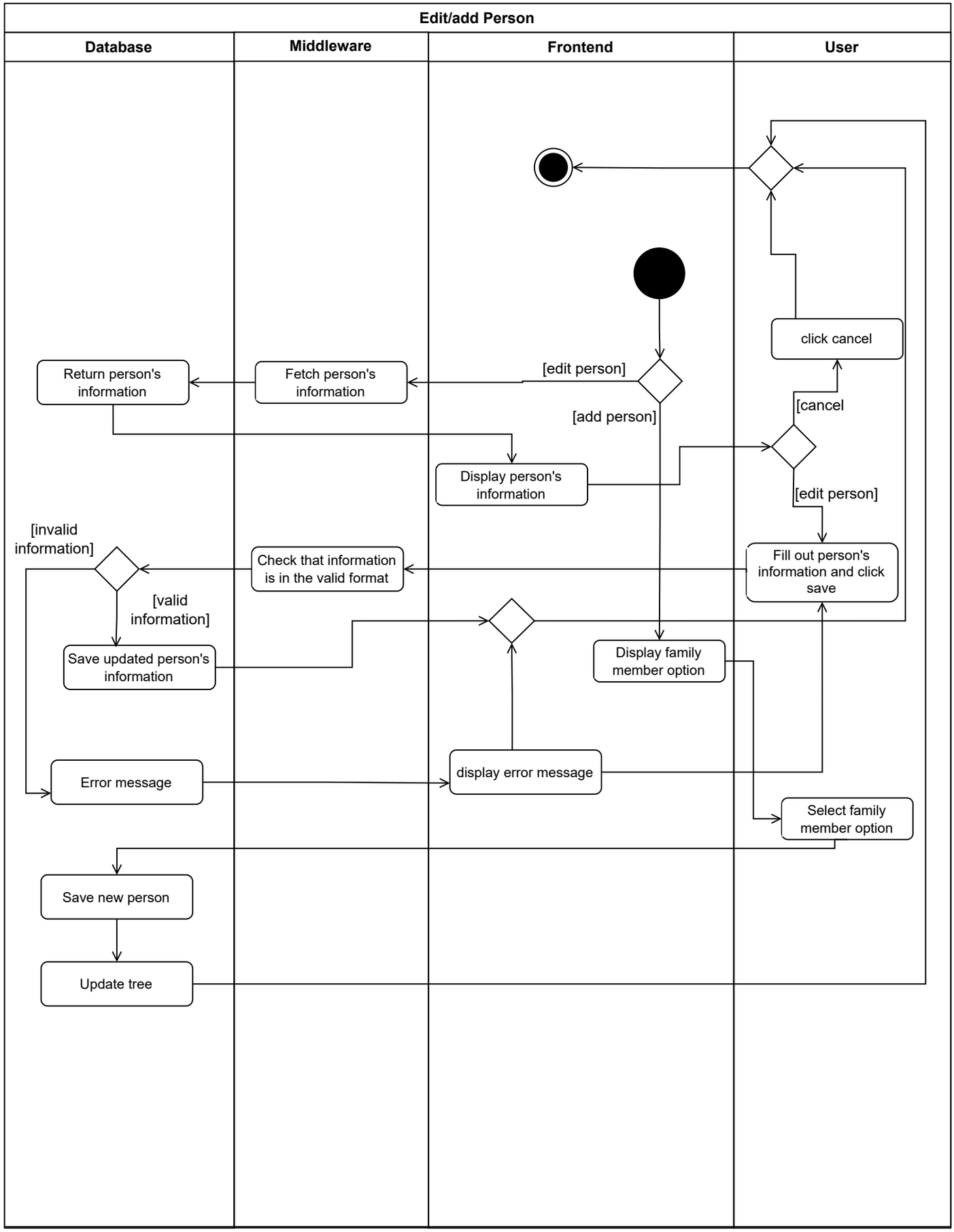
AD for View Trees



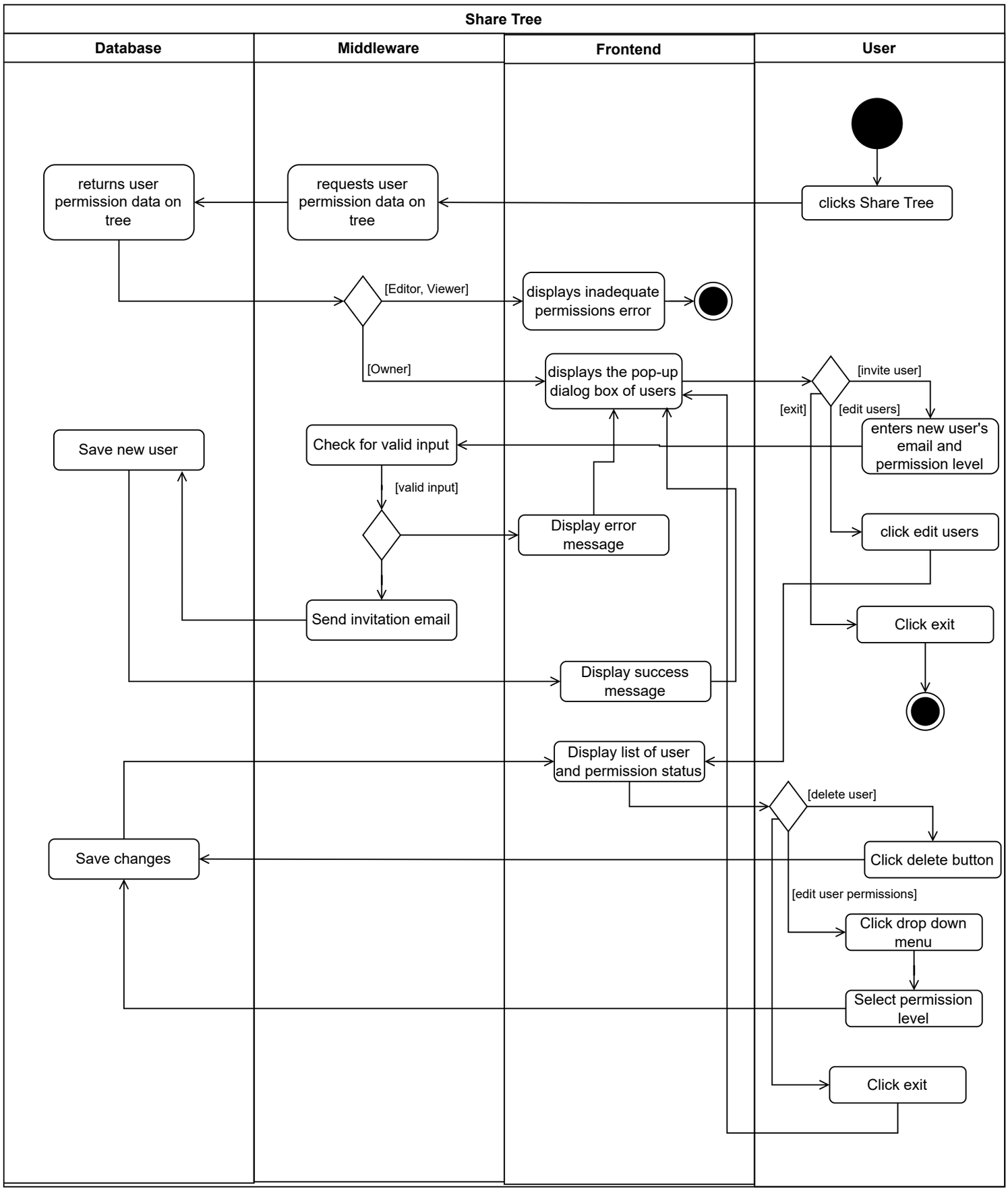
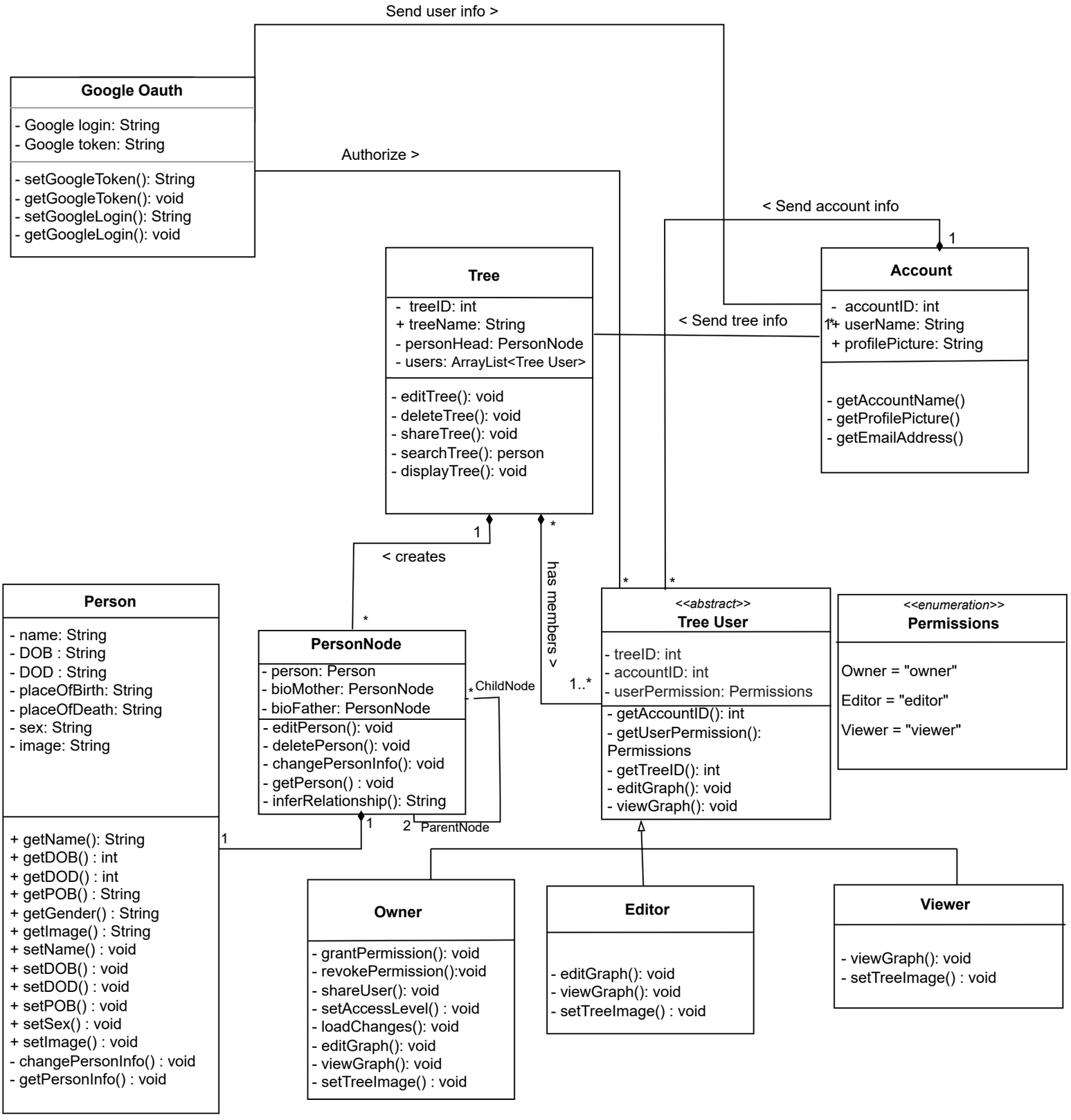
AD for Import Tree data



AD for edit/add person



AD for share tree



UML Class Digram