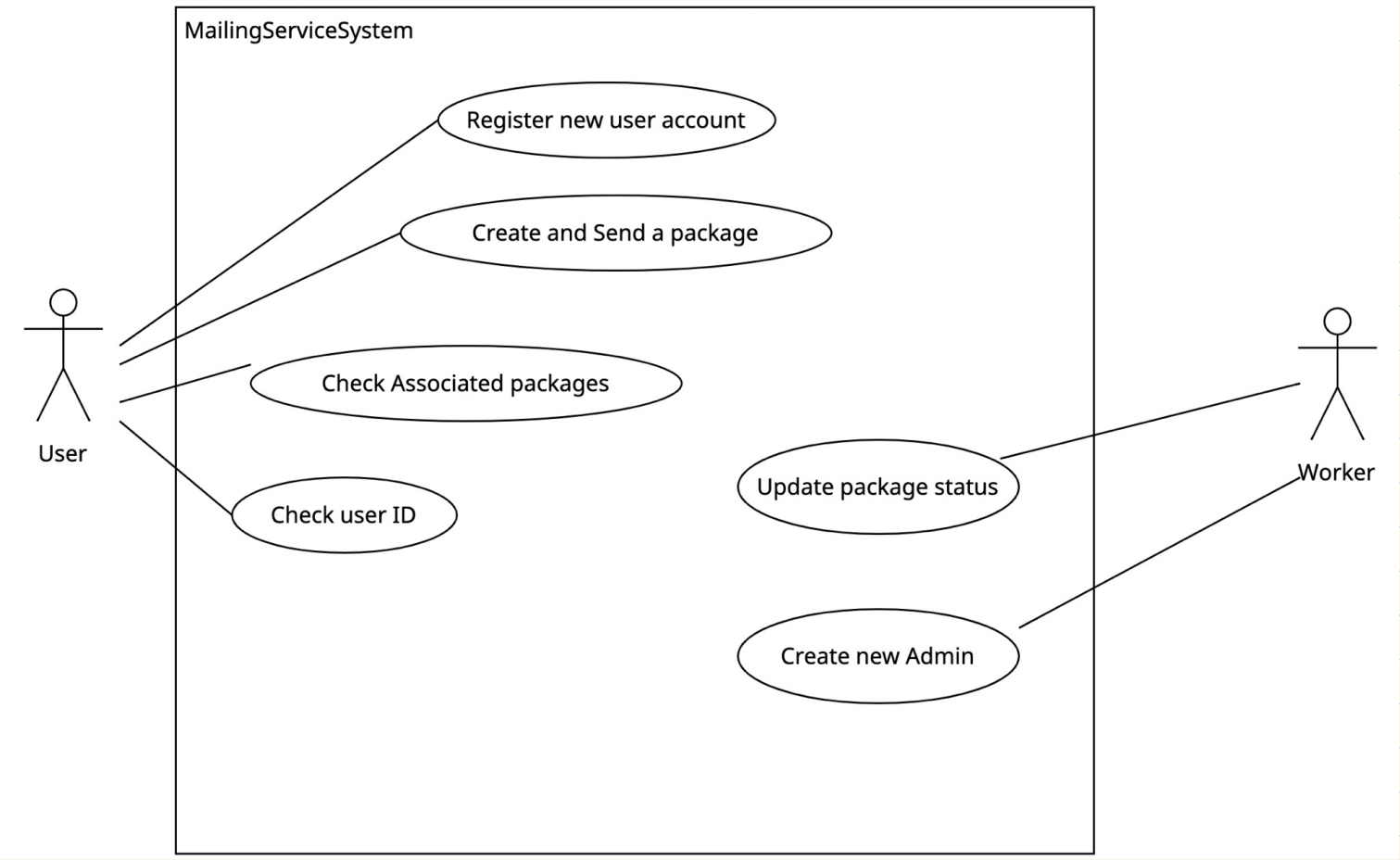
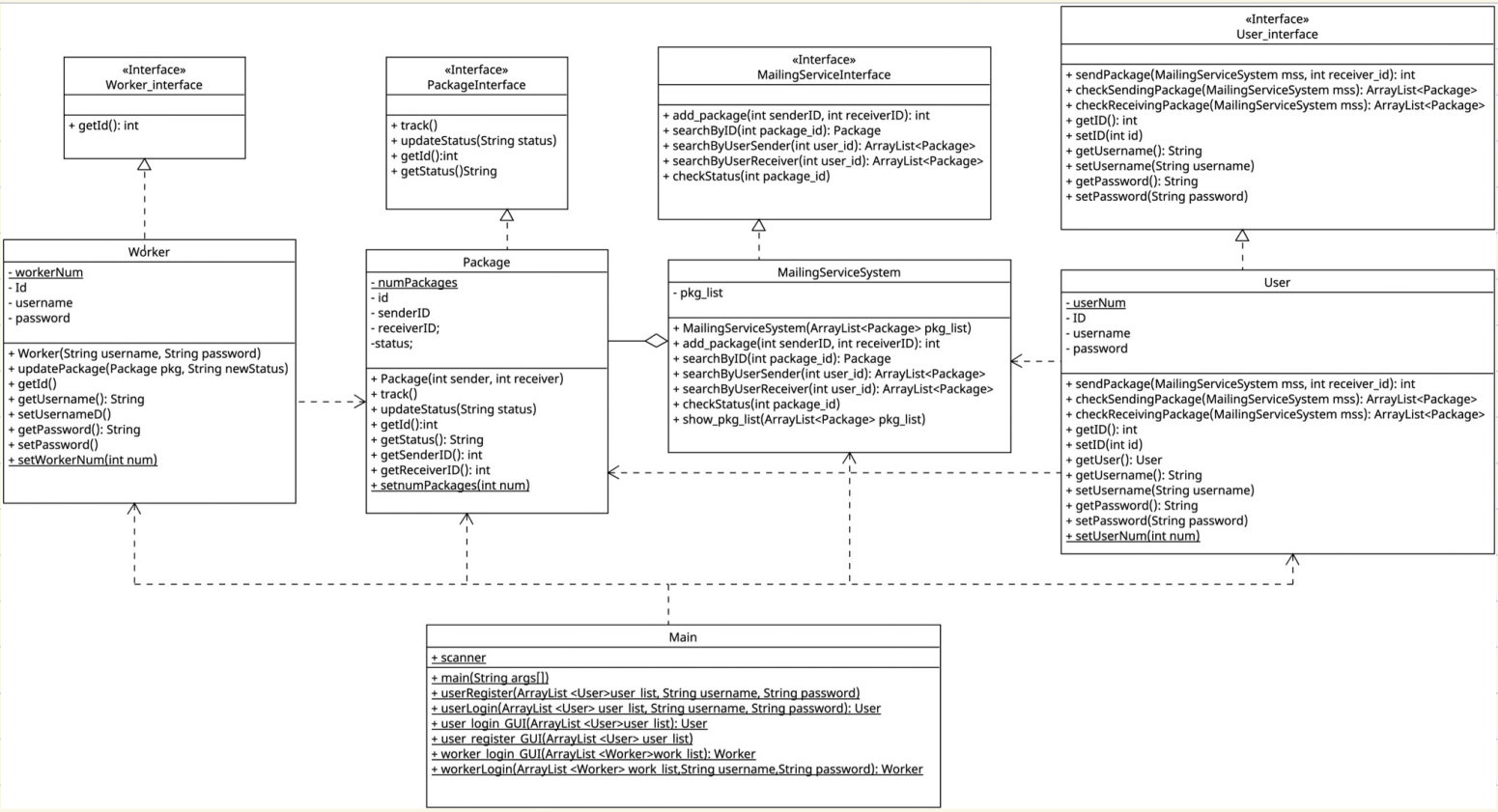
Use Case Diagram



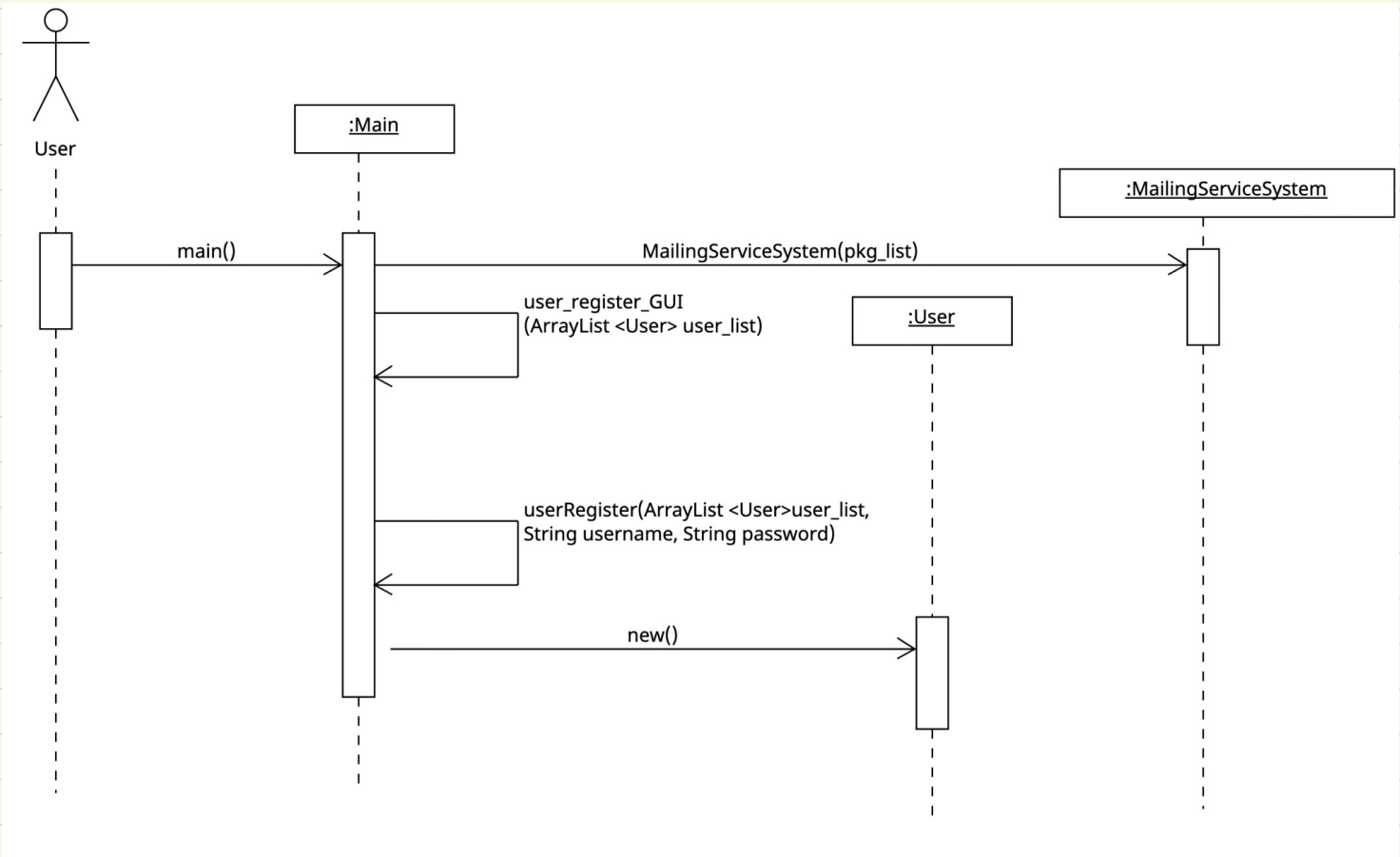
UC Reference Name	Actors	Related Usecase	Overview	Pre Conditions(Optimal)	Post Condition(Optimal)
Register new user account	User		Register a new user account to the mailing system with given username and password	User is in the main interface	A new user is created in the system
Send a package	User		Send a package by indictaing the receiver's user ID	User has login and is in the user interface	A new package is created with specific ID
Check Associated packages	User		Check the status of the sent/ receiving packages by the user	User has login and is in the user interface	The information regarding the associated paclage are shown
Check User ID	User		Check the user ID of the current user	User has login and is in the user interface	Display the User ID of the current user
Update package status	Worker		The worker updates the shipping status of a package by its ID	The worker is in the Admin Interface	package status updated
Create new Admin	Worker		Create a new Admin account with given username and password	The worker is in the Admin Interface	A new admin is created in the system

Class Diagram

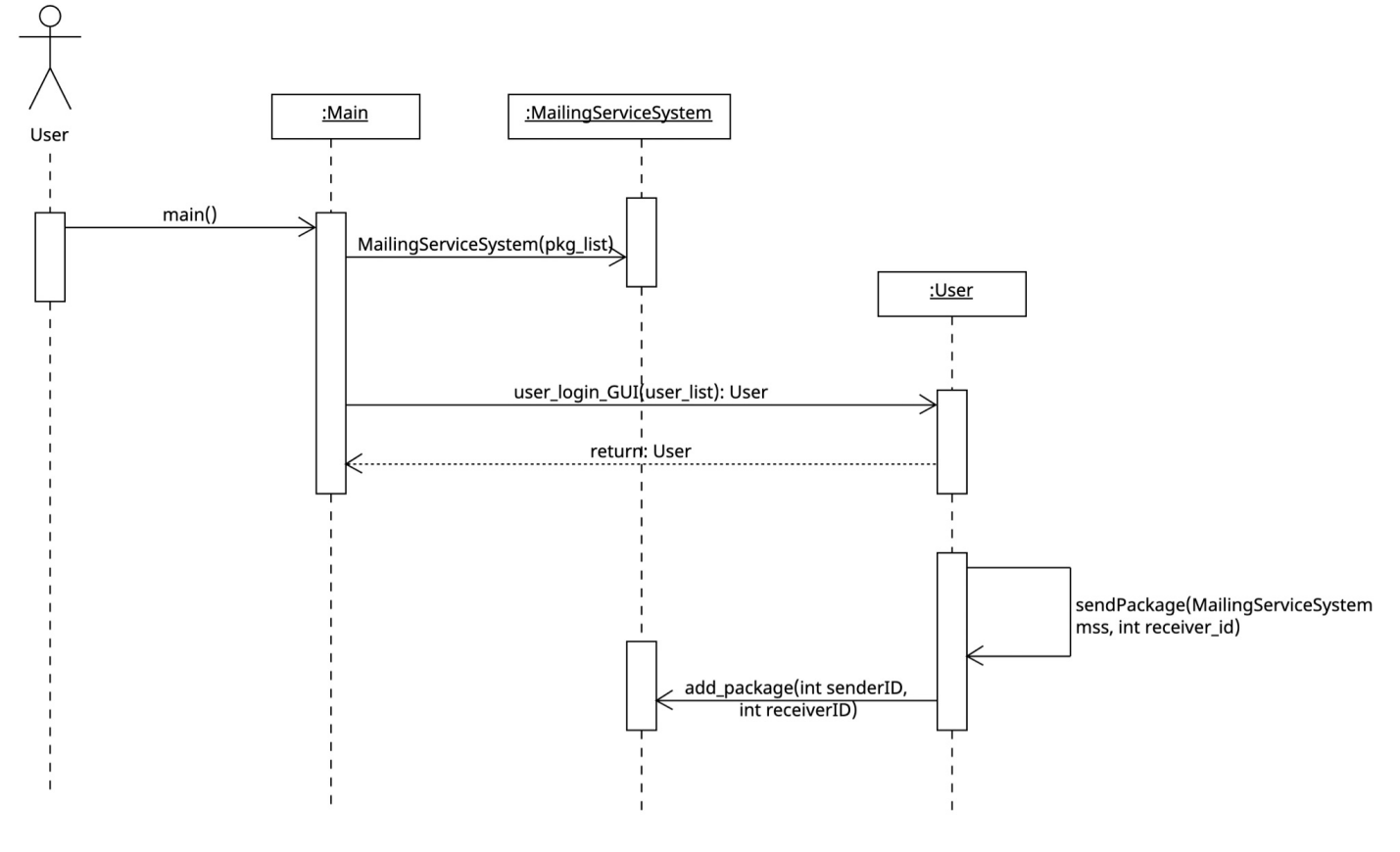


Sequence Diagram

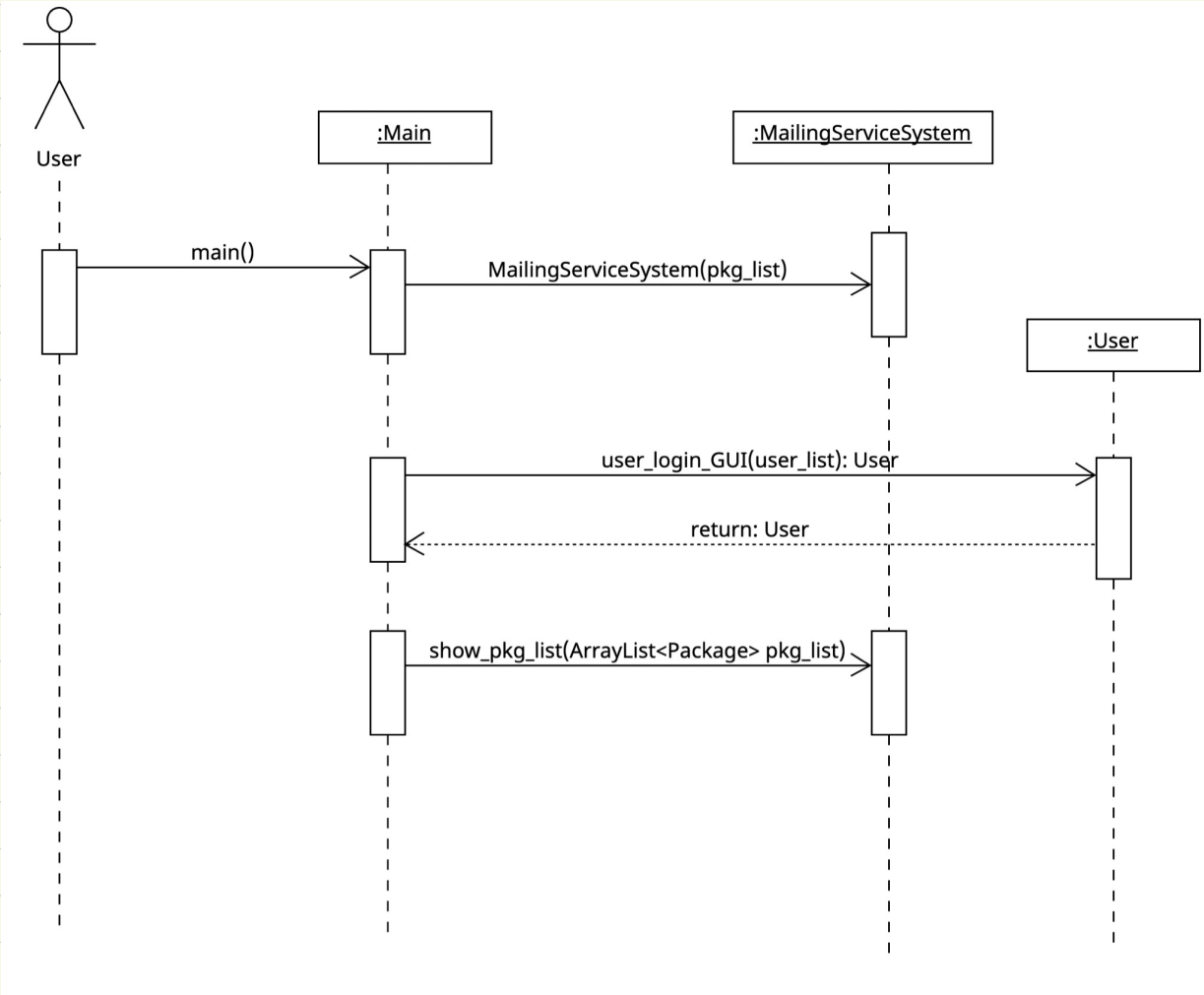
Register new User



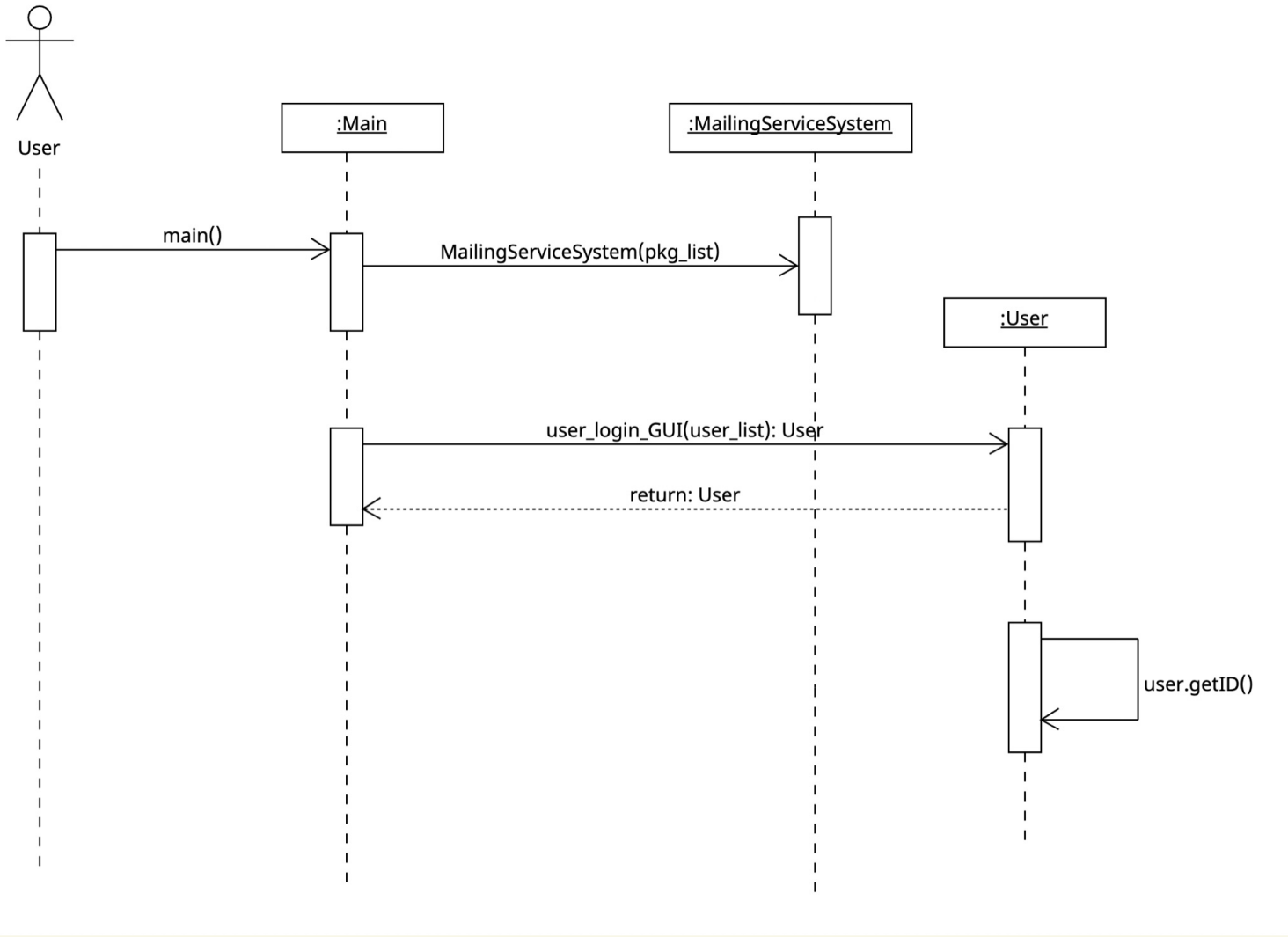
Create and send a package



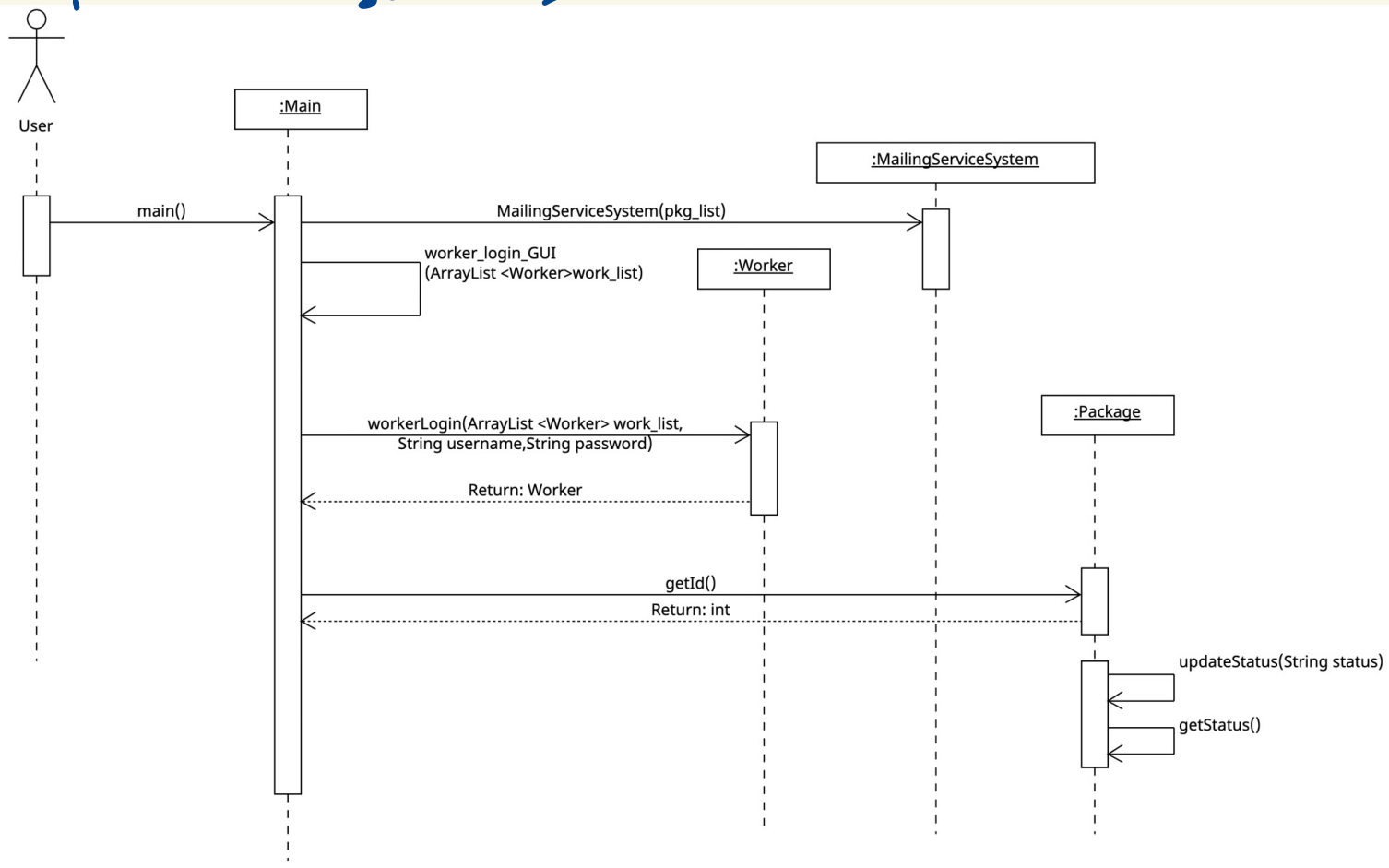
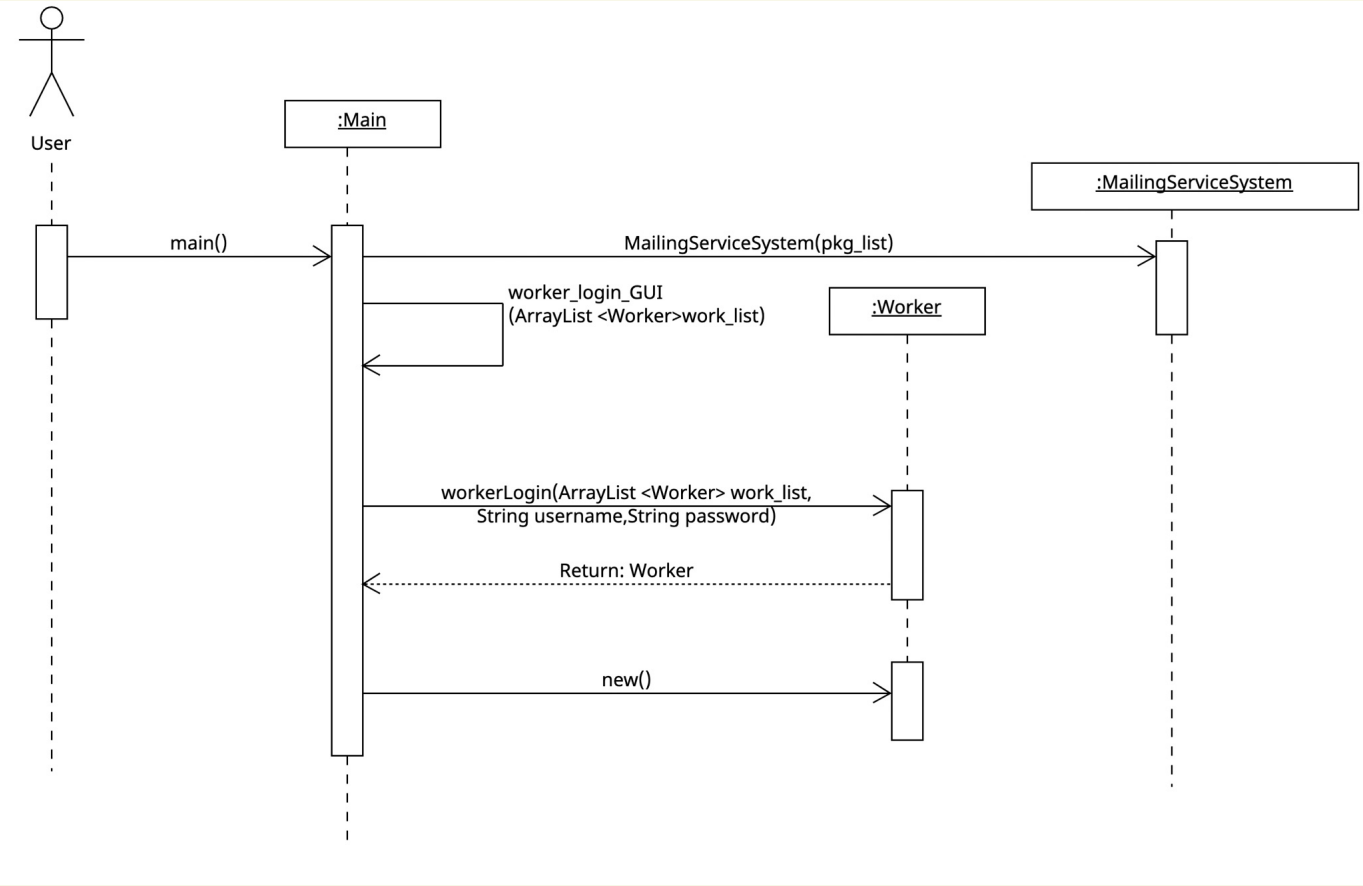
Check Associated Packages



Check User ID



Update Package Status



Create new worke