

UM LLD Backing Document Failure Cases: Eden Fresh

Provided by Team Web Crawlers

Alexander Dung

Devarsh Patel

Justin Calma (Team Leader)

Kayla Chu

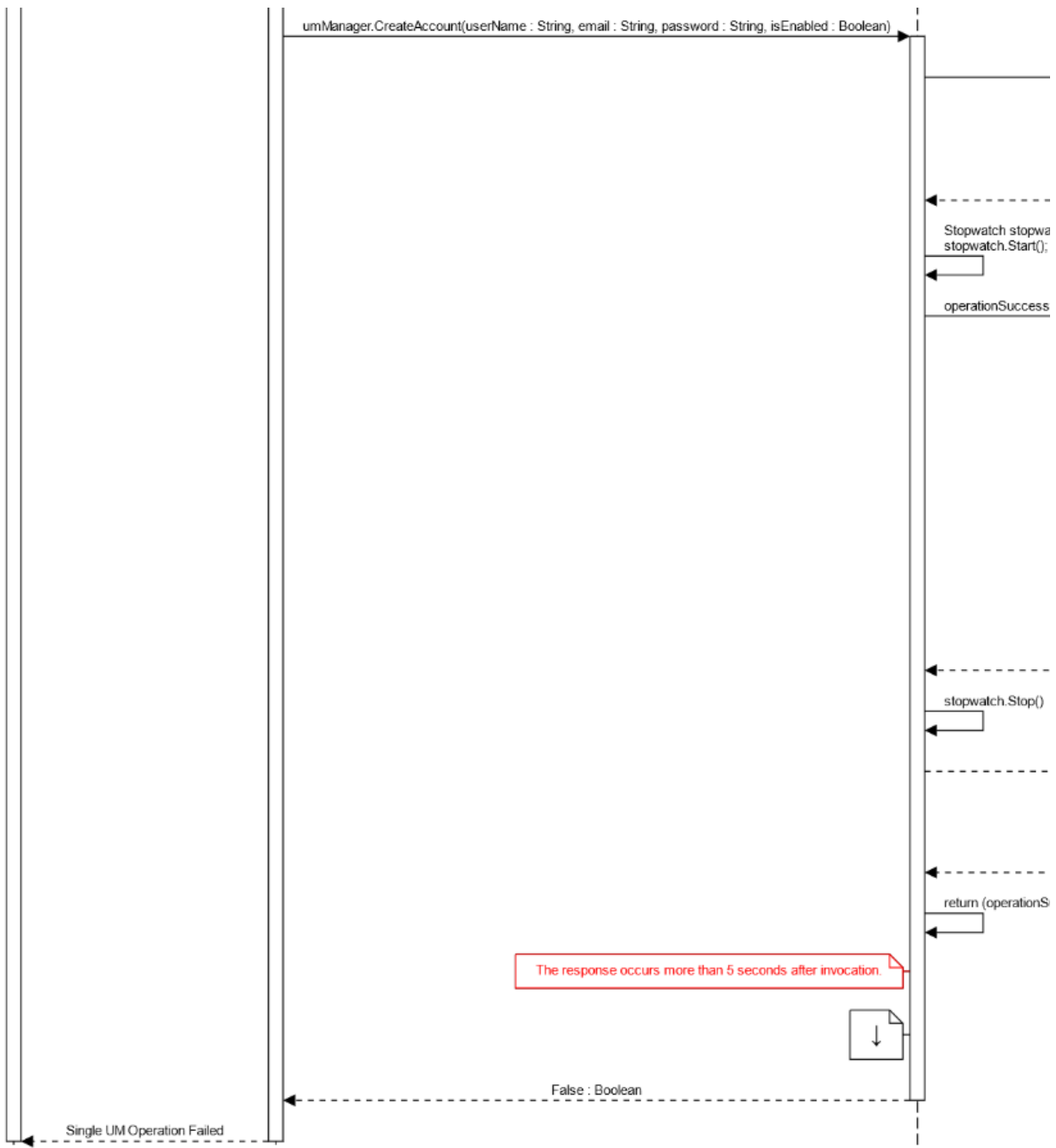
Sze Man Tang

Submission Date: December 12, 2021

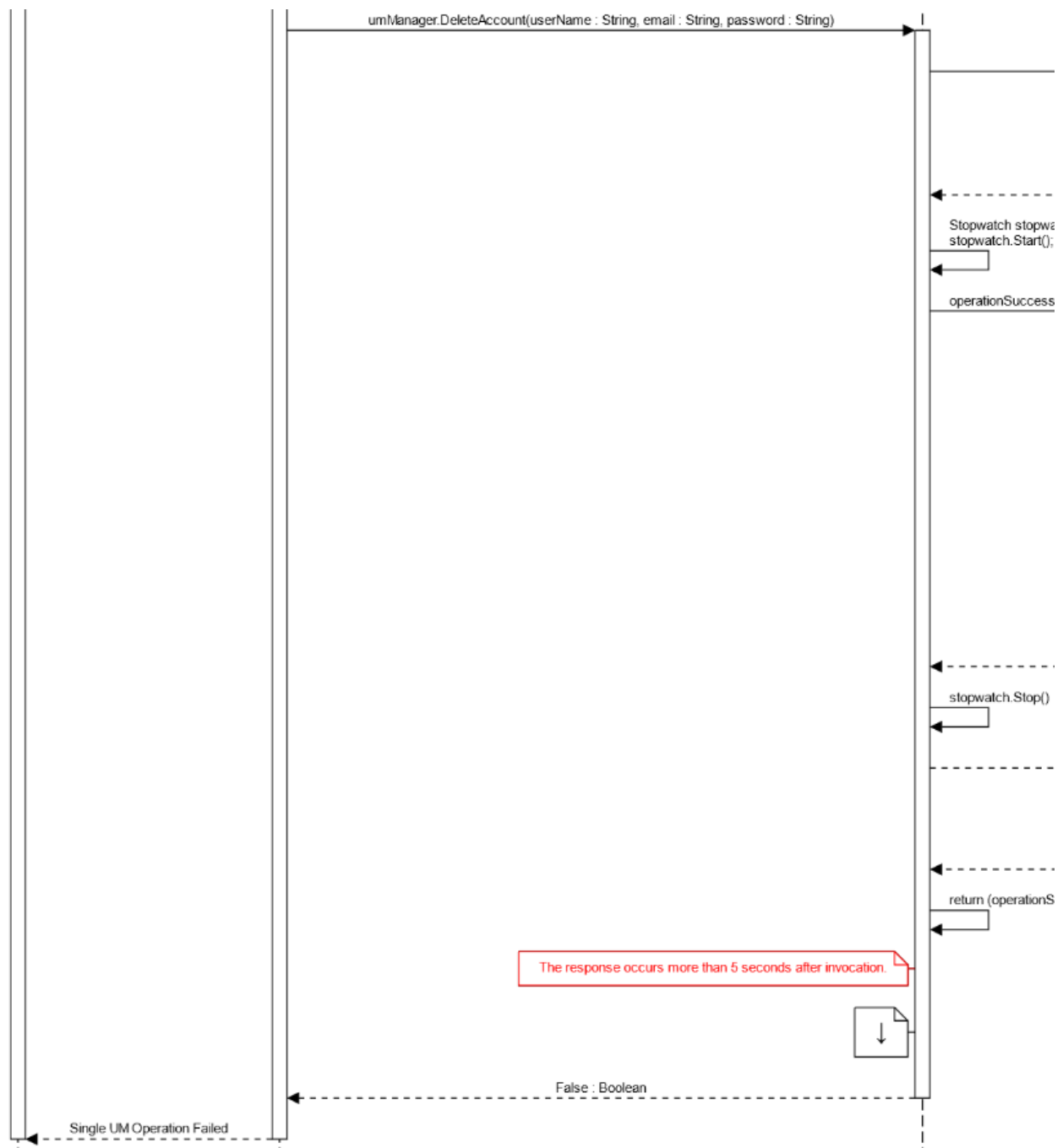
1. Single Operation Takes Longer Than 5 Seconds

- If the system takes longer than 5 seconds to complete the desired operations, it will cause a timeout. This is done so that the system doesn't buffer for too long

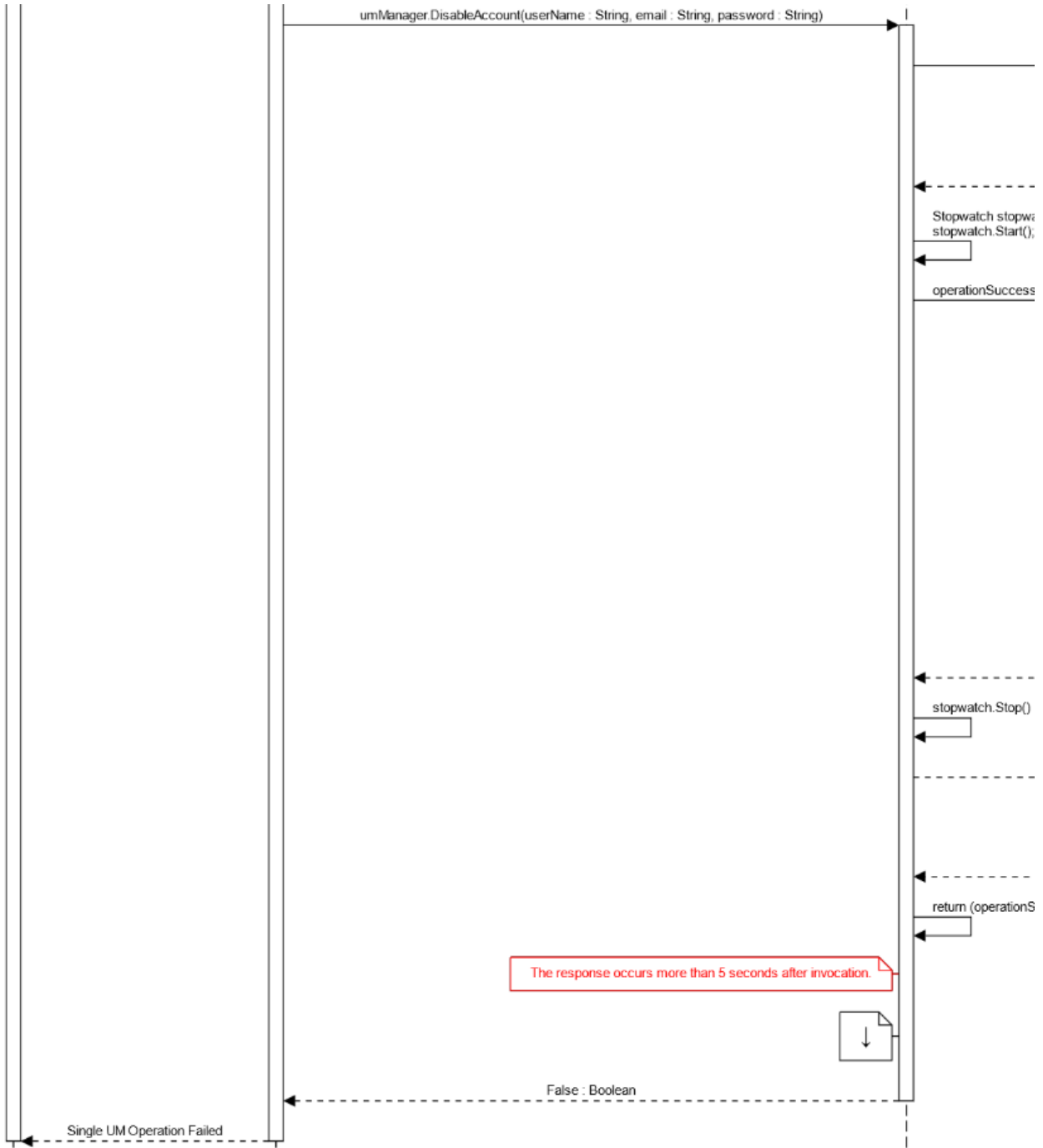
1.1. Create



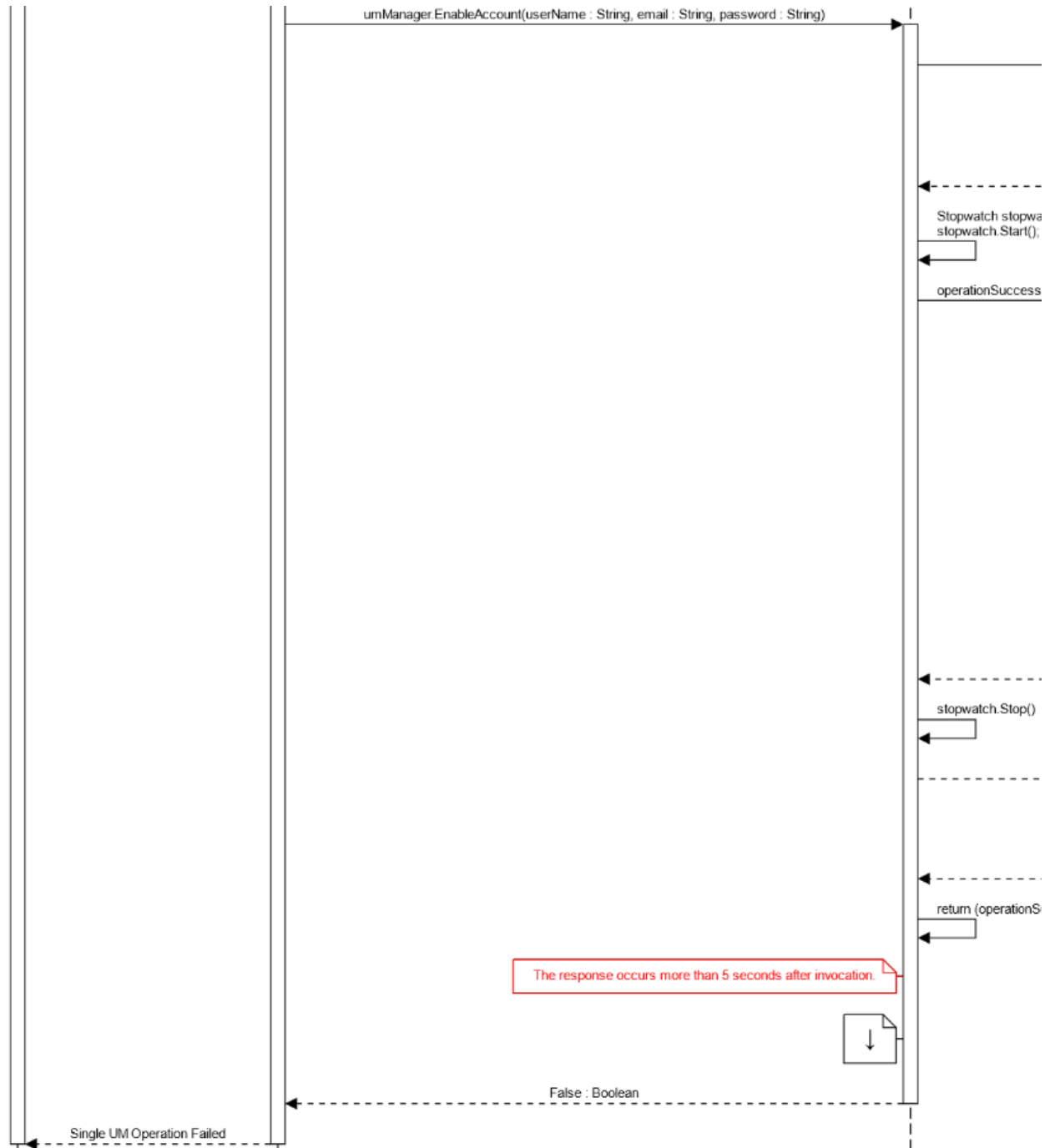
1.2. Delete



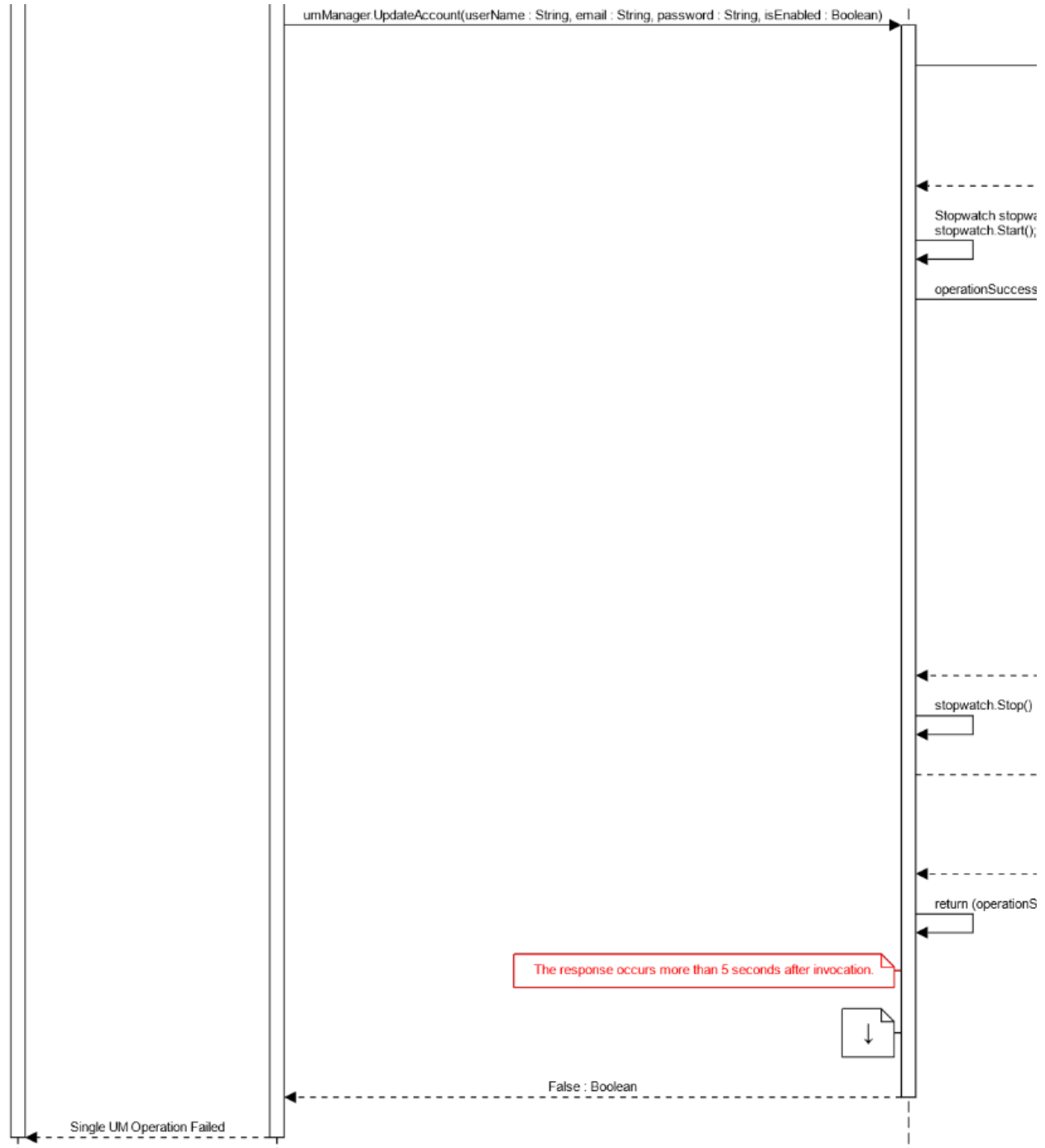
1.3. Disable



1.4. Enable

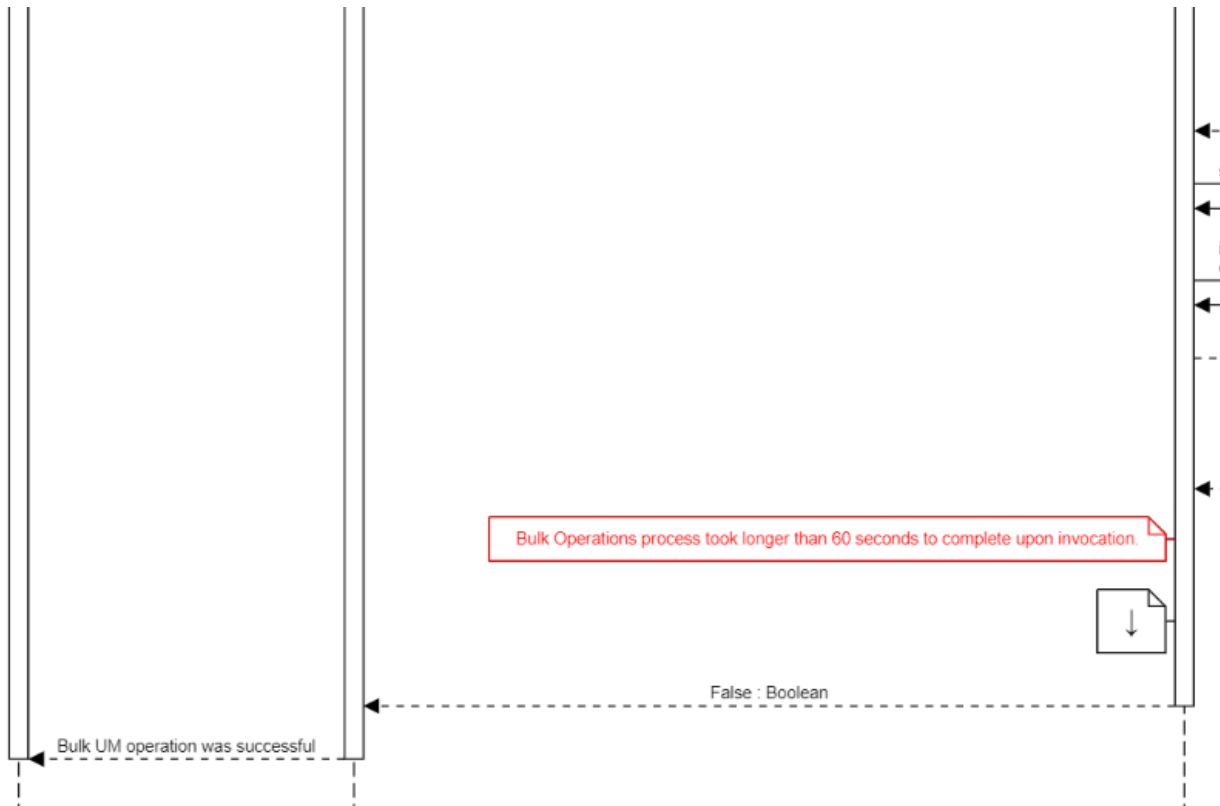


1.5. Update



2. Bulk Operation Takes Longer Than 60 Seconds

- Failure cases #2 and #7
- If the system takes longer than 60 seconds to complete the desired operations, it will cause a timeout. This is done so that the system doesn't buffer for too long

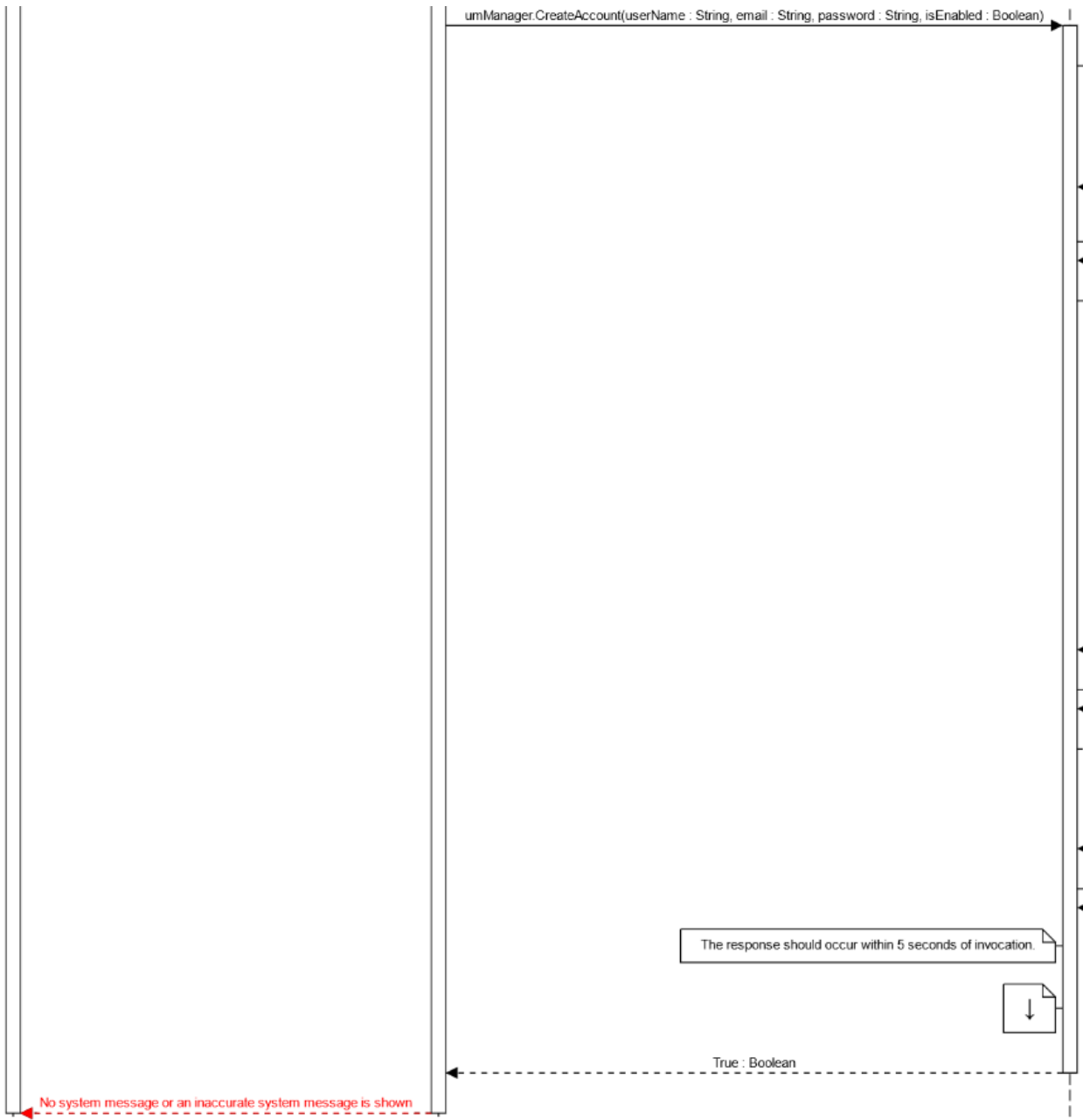


3. Single Operation Shows Wrong System

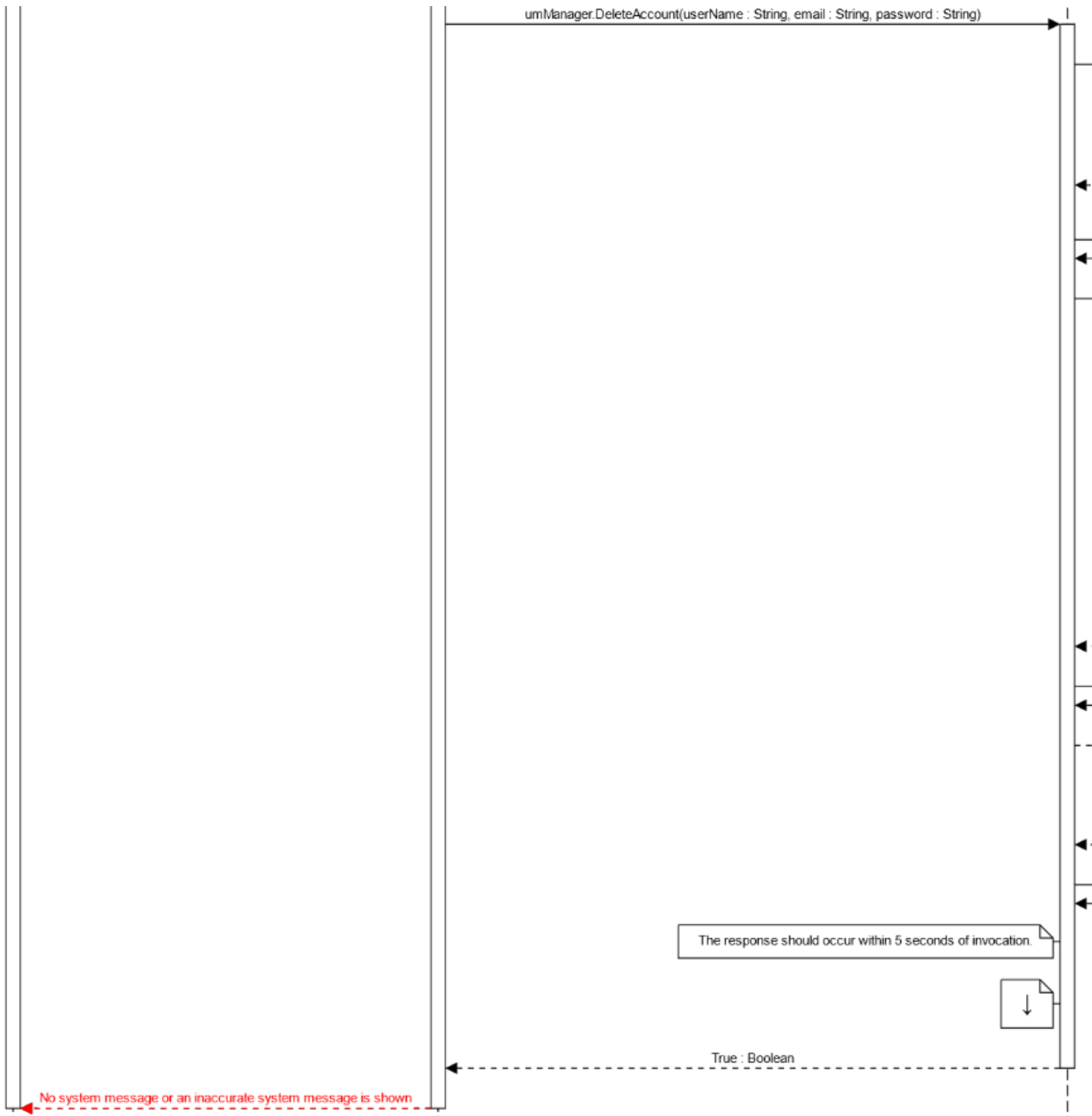
Message

- If the system is able to complete the desired operation but no system message is shown, the system will still complete and log the operation given that no other unexpected error is encountered. After performing the operation, the system will also log an error stating that the system message did not show up.

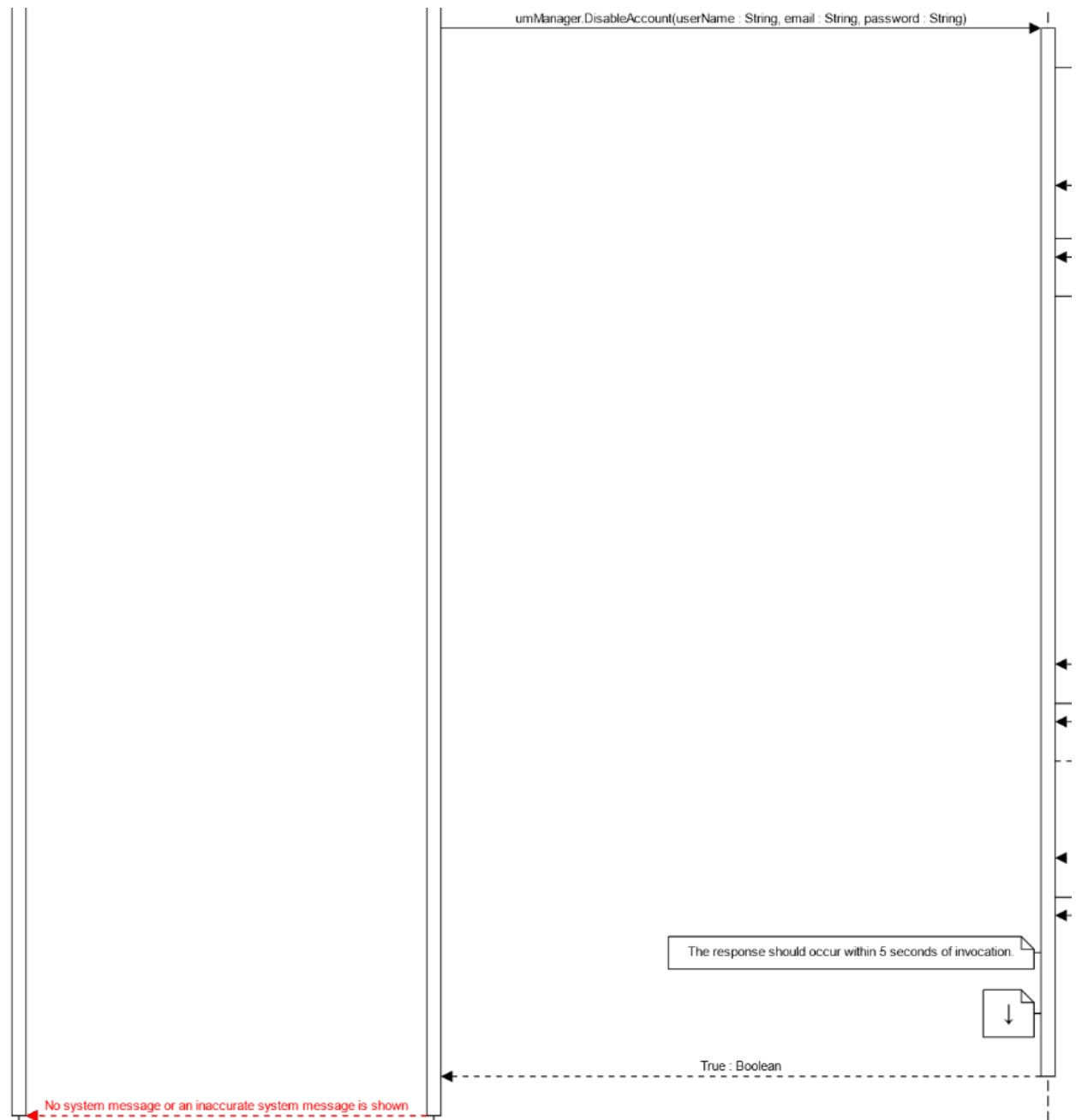
3.1. Create



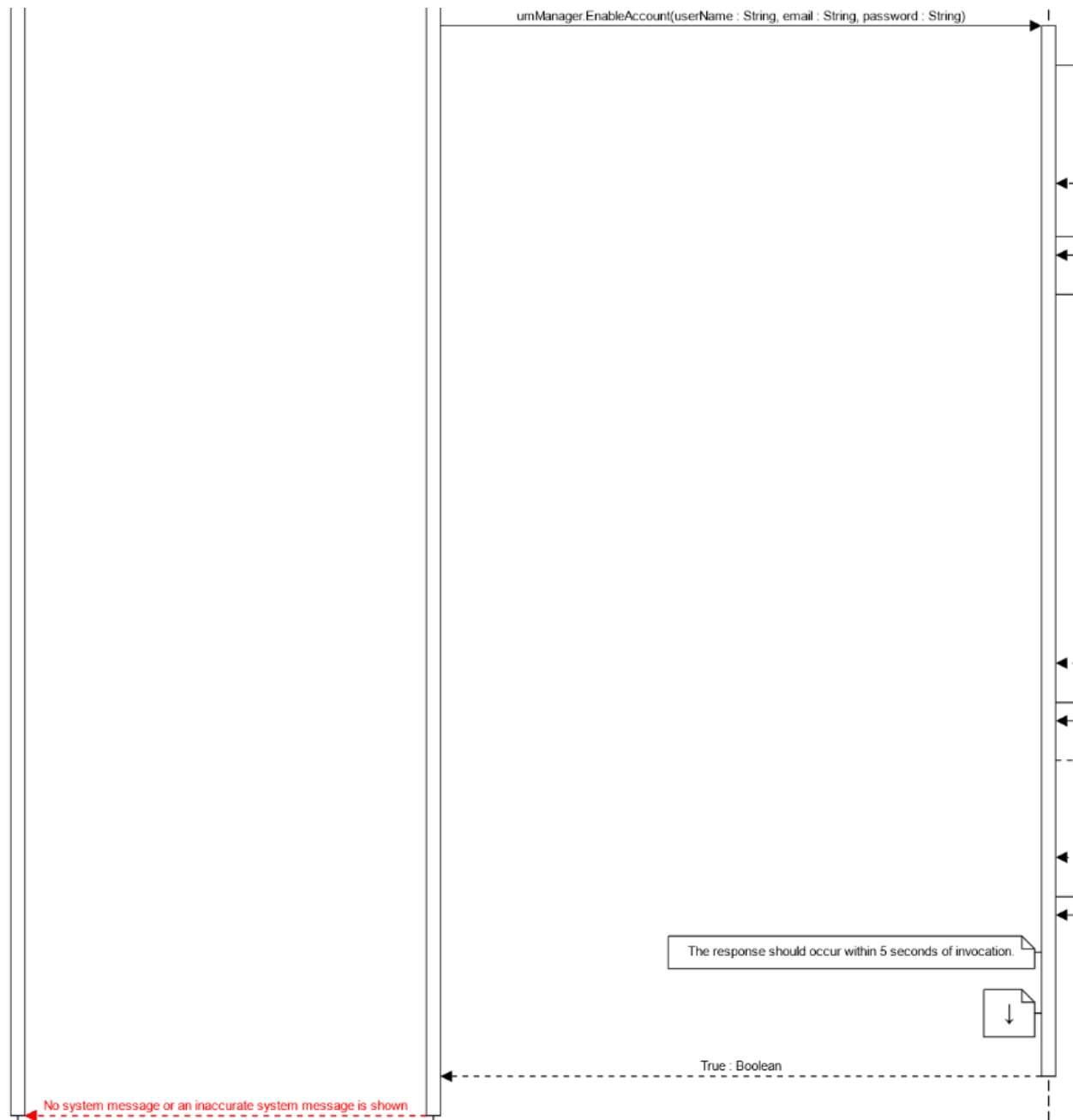
3.2. Delete



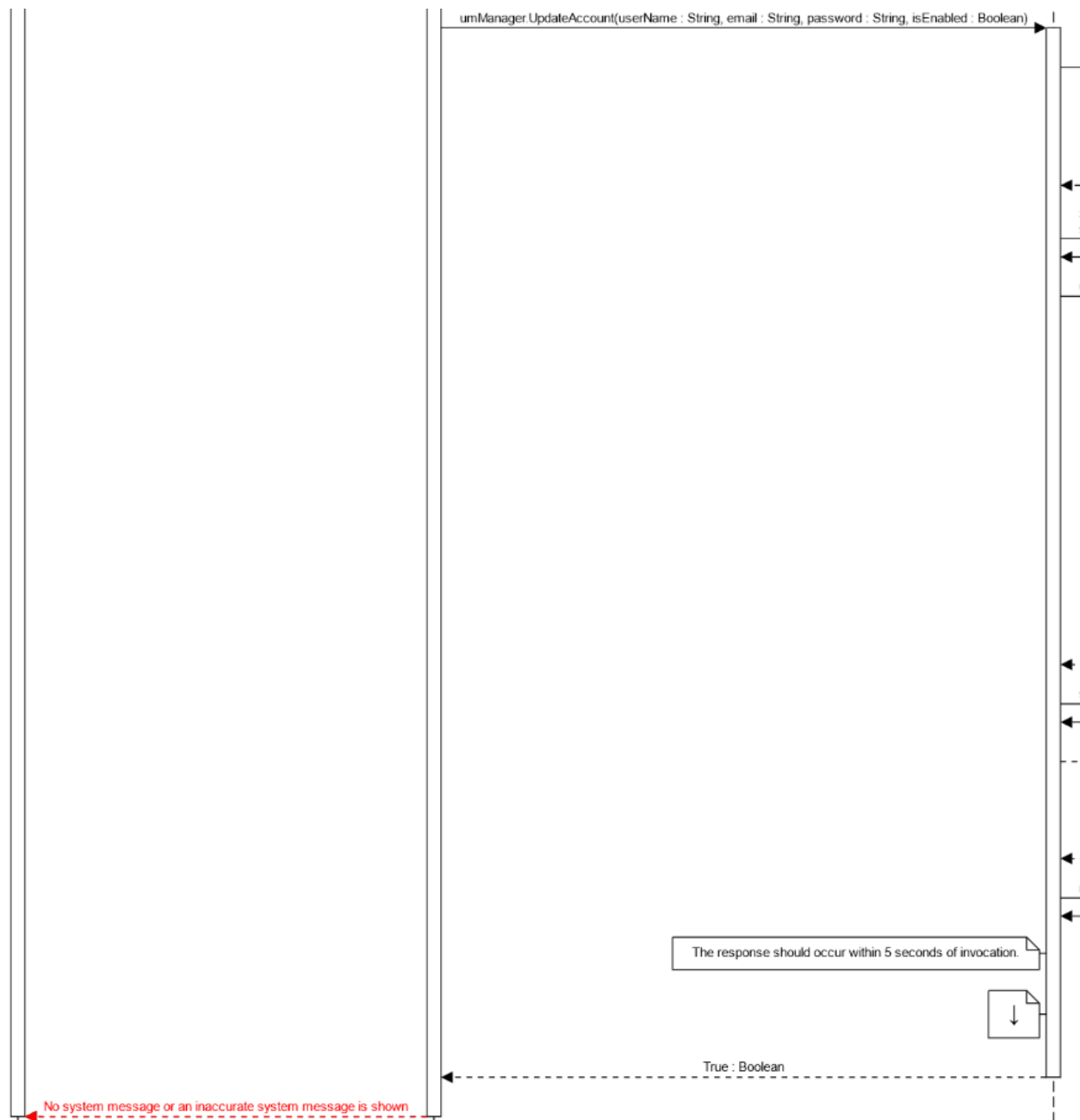
3.3. Disable



3.4. Enable

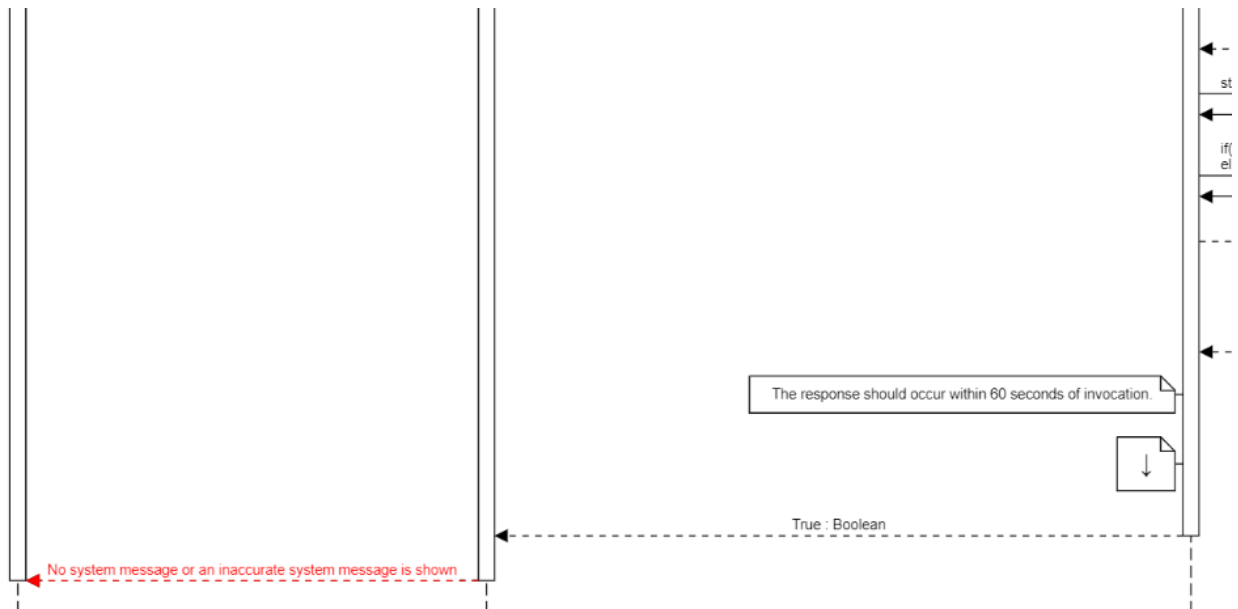


3.5. Update



4. Bulk Operation Shows Wrong System Message

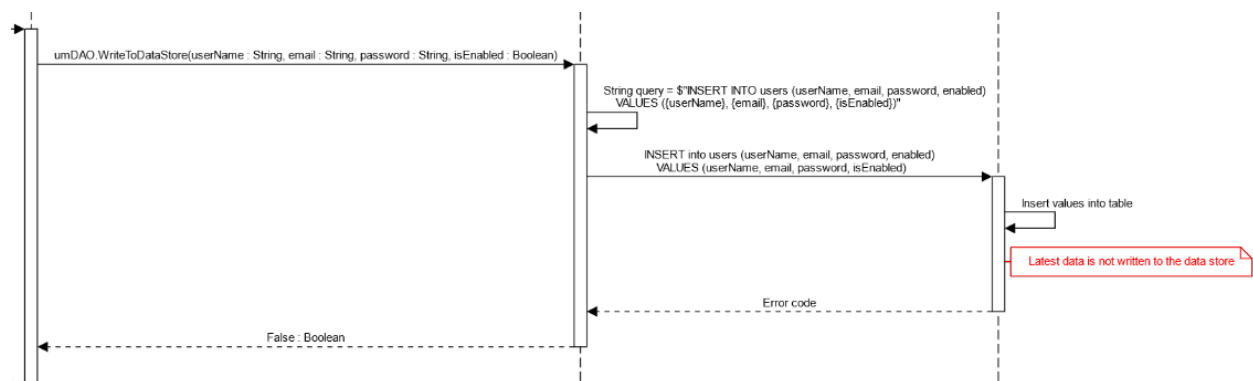
- Failure Cases #4 and #8
- If the system is able to complete the desired operation but no system message is shown, the system will still complete and log the operation given that no other unexpected error is encountered. After logging the operation, the system will also log an error stating that the system message did not show up.



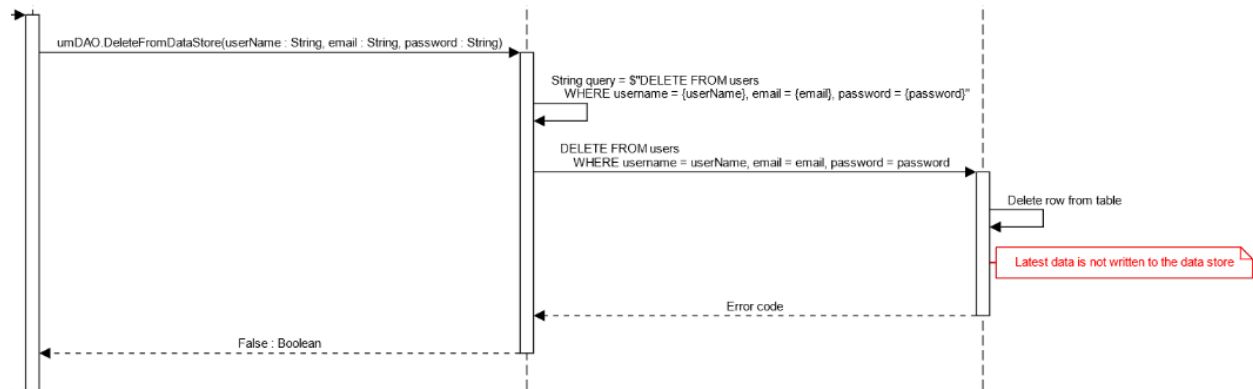
5. Single Operation Latest Data is not Written to Data Store

- If the system is unable to write to the data store, the system will log the error and revert the previous actions. A system error will pop up stating that an error has occurred and the system was unable to complete the operation.

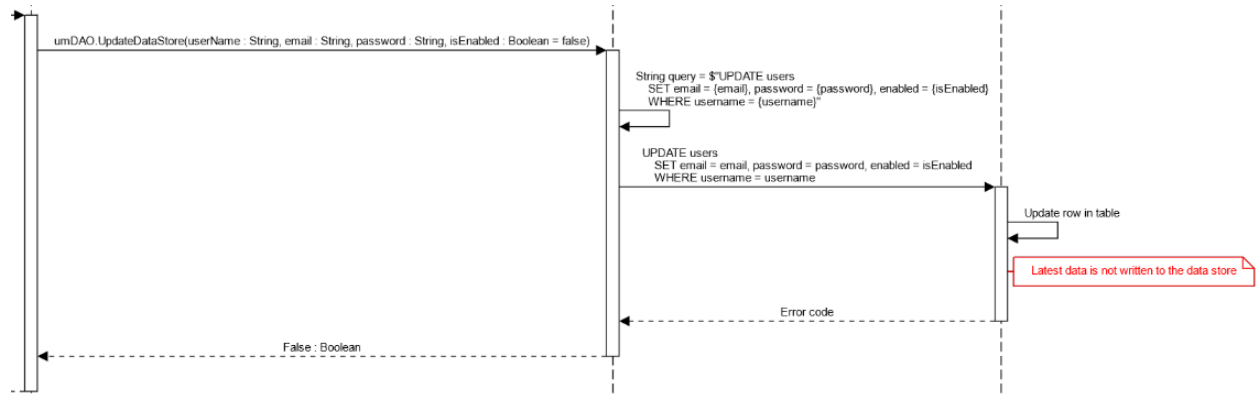
5.1. Create



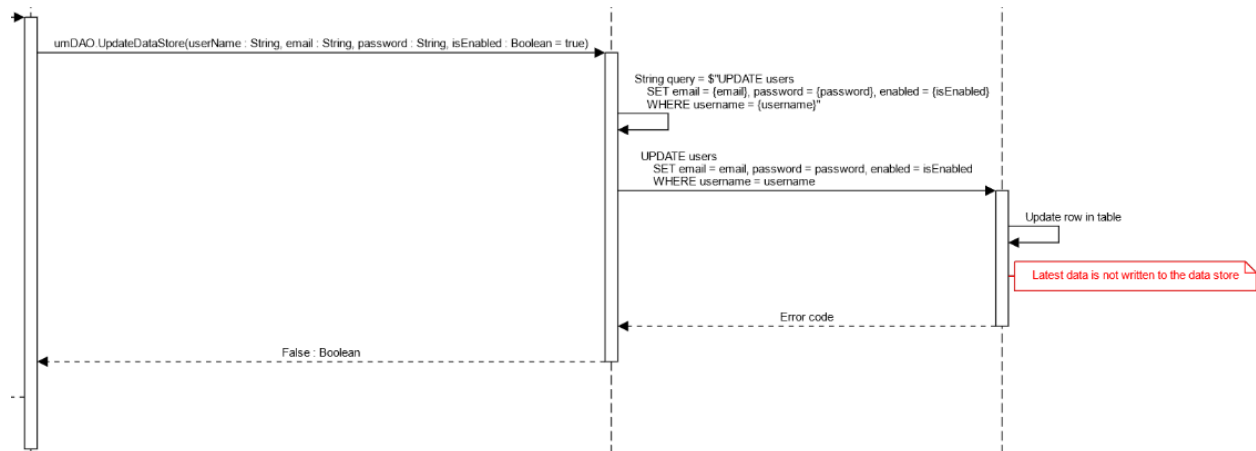
5.2. Delete



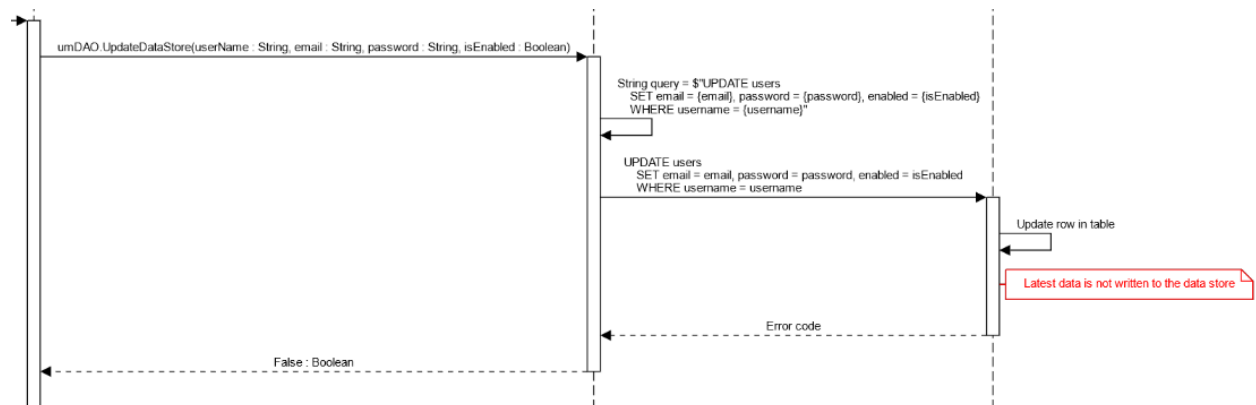
5.3. Disable



5.4. Enable



5.5. Update



6. Bulk Operation Latest Data is not Written to Data Store

- Failure Cases #6 and #9
- If the system is unable to write to the data store, the system will log the error and revert the previous actions. A system error will pop up stating that an error has occurred and the system was unable to complete the operation.

