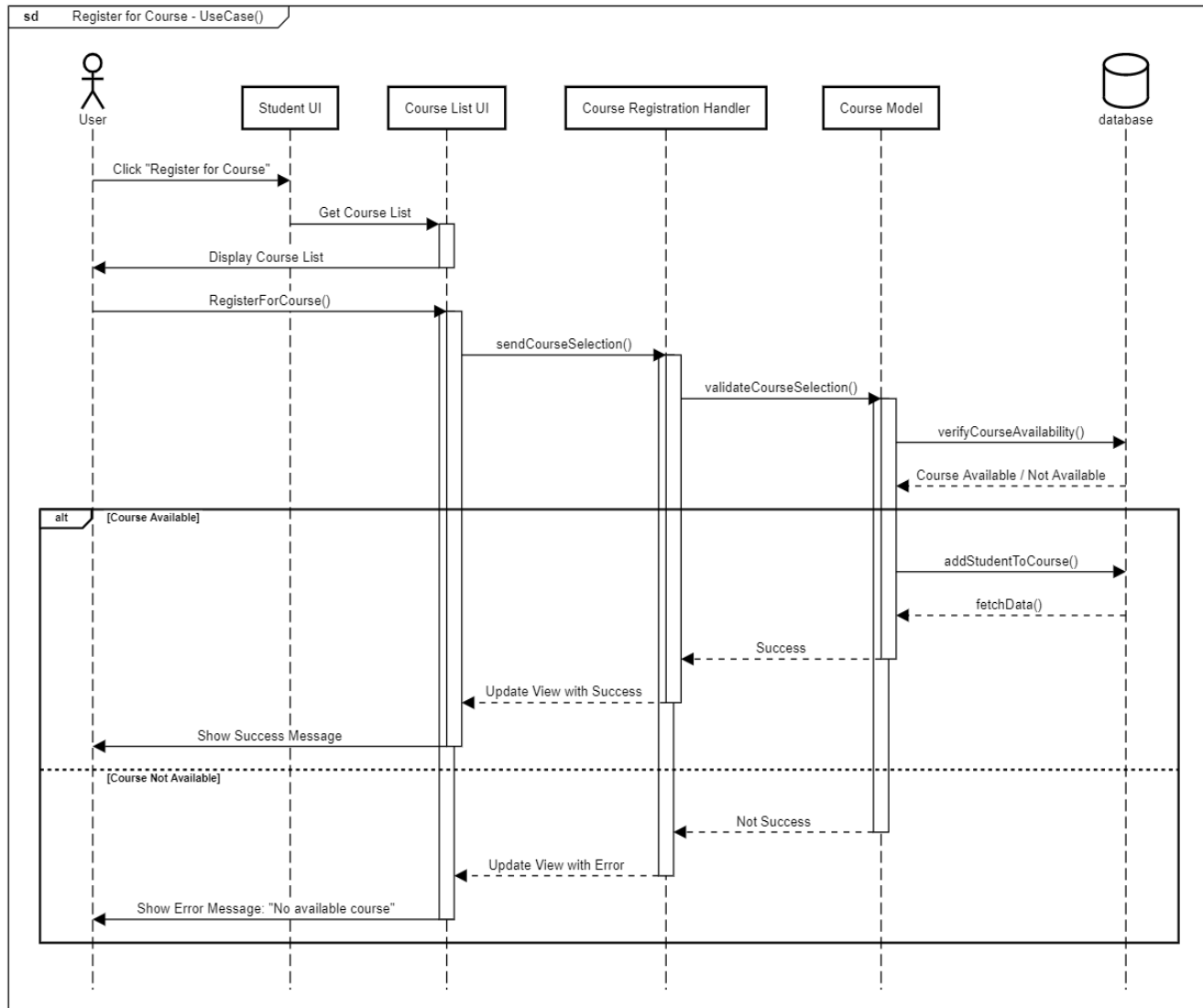


# SEQUENCE DIAGRAM 1



frame Register for Course – UseCase()

actor User

User -> Student UI: Click "Register for Course"

Student UI -> Course List UI: Get Course List

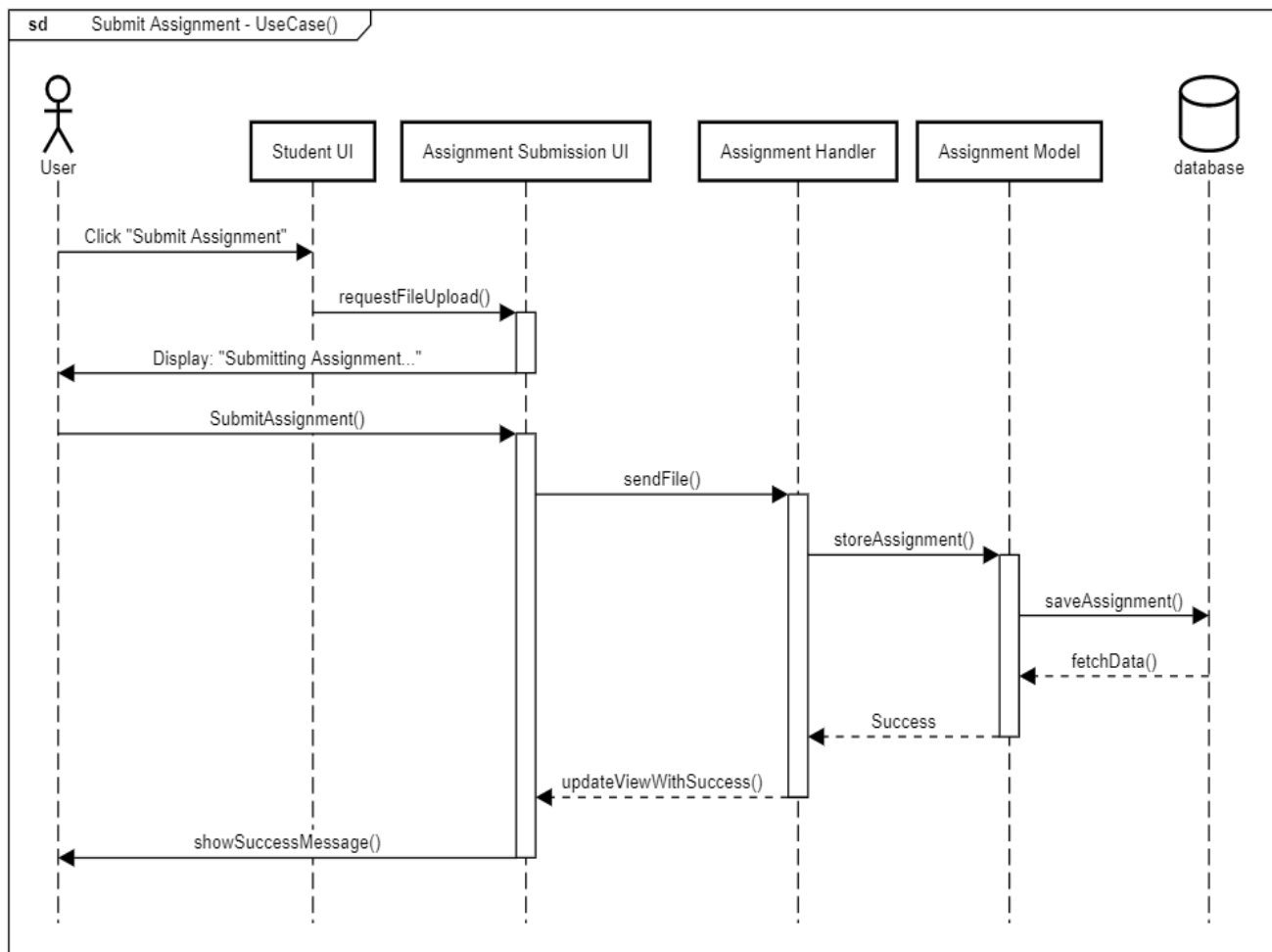
activate Course List UI

Course List UI -> User: Display Course List

deactivate Course List UI

User -> Course List UI: RegisterForCourse()  
activate Course List UI  
activate Course List UI  
Course List UI -> Course Registration Handler: sendCourseSelection()  
activate Course Registration Handler  
activate Course Registration Handler  
Course Registration Handler -> Course Model: validateCourseSelection()  
activate Course Model  
activate Course Model  
database database  
Course Model -> database: verifyCourseAvailability()  
database --> Course Model: Course Available / Not Available  
alt Course Available  
Course Model -> database: addStudentToCourse()  
database --> Course Model: Confirmation  
Course Model --> Course Registration Handler: Success  
deactivate Course Model  
  
Course Registration Handler --> Course List UI: Update View with Success  
deactivate Course Registration Handler  
  
Course List UI -> User: Show Success Message  
deactivate Course List UI  
else Course Not Available  
Course Model --> Course Registration Handler: Not Success  
deactivate Course Model  
  
Course Registration Handler --> Course List UI: Update View with Error  
deactivate Course Registration Handler  
Course List UI -> User: Show Error Message: "No available course"  
deactivate Course List UI  
end

## SEQUENCE DIAGRAM 2



frame     Submit Assignment – UseCase()

actor User

User -> Student UI: Click "Submit Assignment"

Student UI -> Assignment Submission UI: requestFileUpload()

activate Assignment Submission UI

Assignment Submission UI -> User: Display: "Submitting Assignment..."

deactivate Assignment Submission UI

User -> Assignment Submission UI: SubmitAssignment()

activate Assignment Submission UI

Assignment Submission UI -> Assignment Handler: sendFile()

activate Assignment Handler

Assignment Handler -> Assignment Model: storeAssignment()

activate Assignment Model

database database

Assignment Model -> database: saveAssignment()

database --> Assignment Model: Success

Assignment Model --> Assignment Handler: Success

deactivate Assignment Model

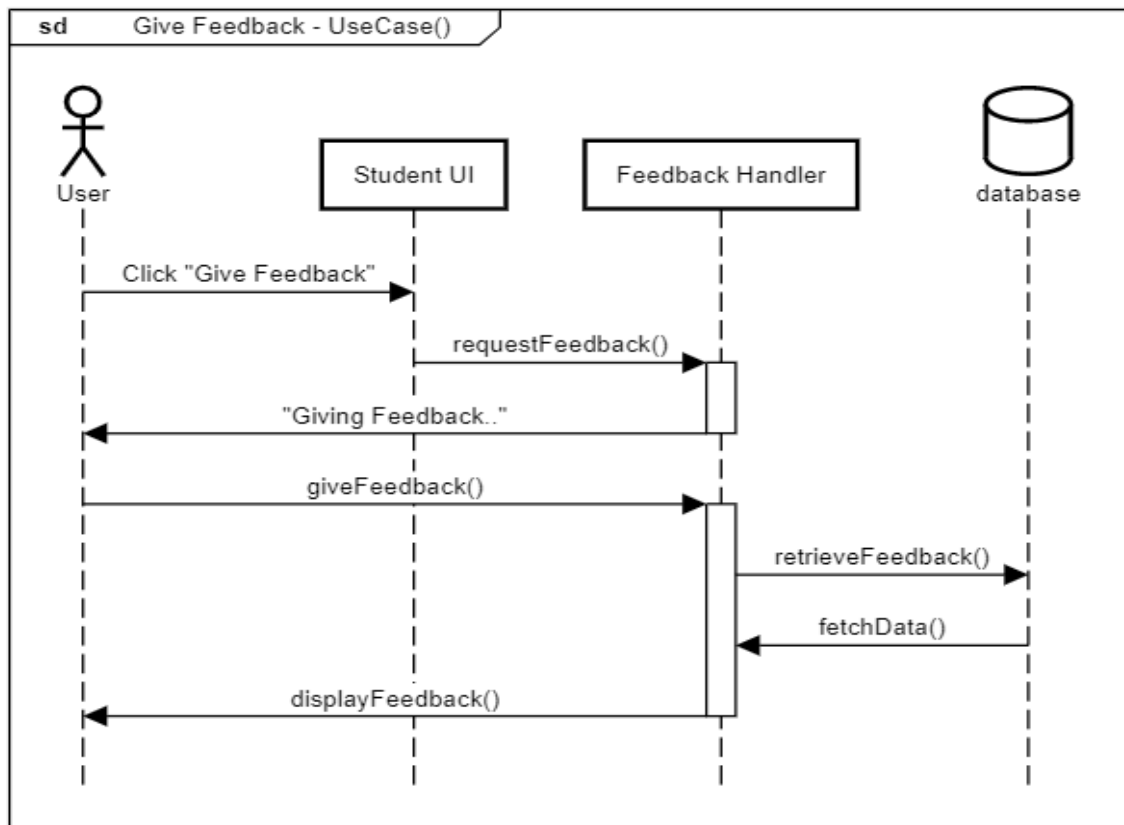
Assignment Handler --> Assignment Submission UI: updateViewWithSuccess()

deactivate Assignment Handler

Assignment Submission UI -> User: showSuccessMessage()

deactivate Assignment Submission UI

## SEQUENCE DIAGRAM 3



frame Give Feedback – UseCase()

actor User

User -> Student UI: Click "Give Feedback"

Student UI -> Feedback Handler: requestFeedback()

activate Feedback Handler

Feedback Handler -> User: "Giving Feedback..."

deactivate Feedback Handler

User -> Feedback Handler: giveFeedback()

activate Feedback Handler

database database

Feedback Handler -> database: retrieveFeedback()

database -> Feedback Handler: fetchData()

Feedback Handler -> User: displayFeedback()

deactivate Feedback Handler