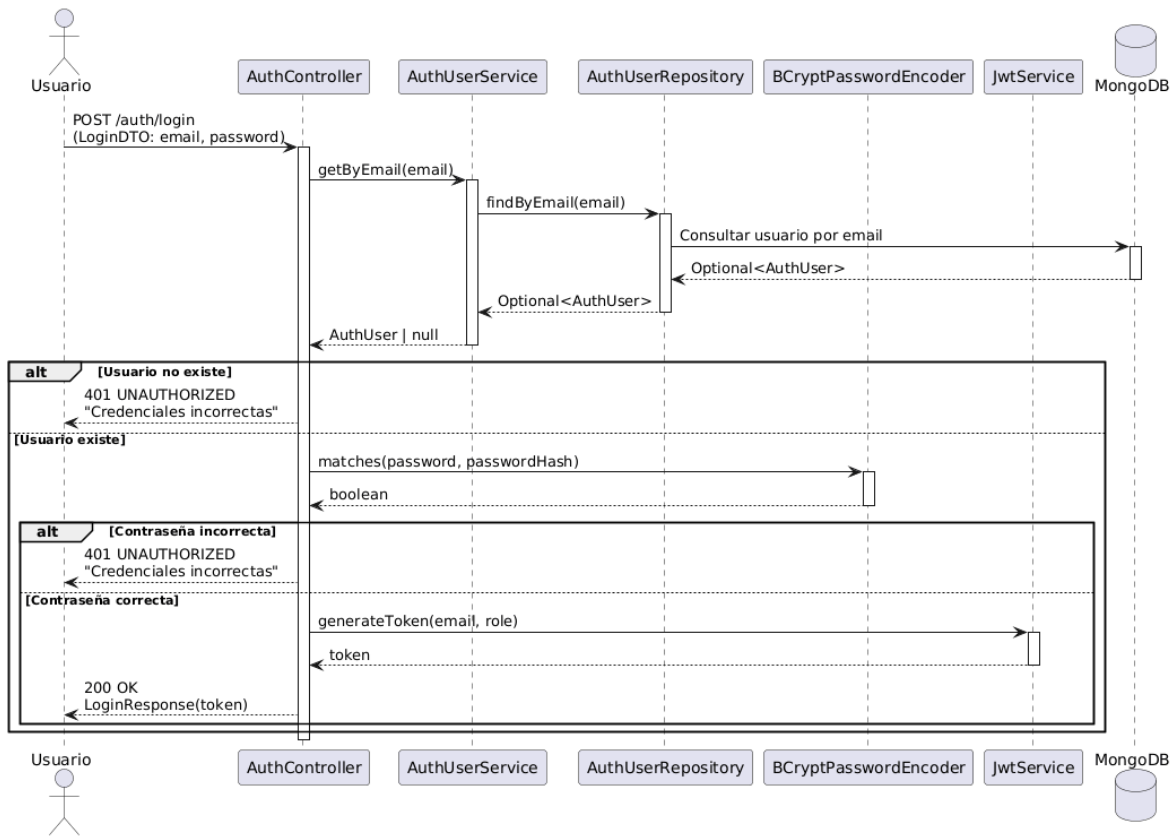
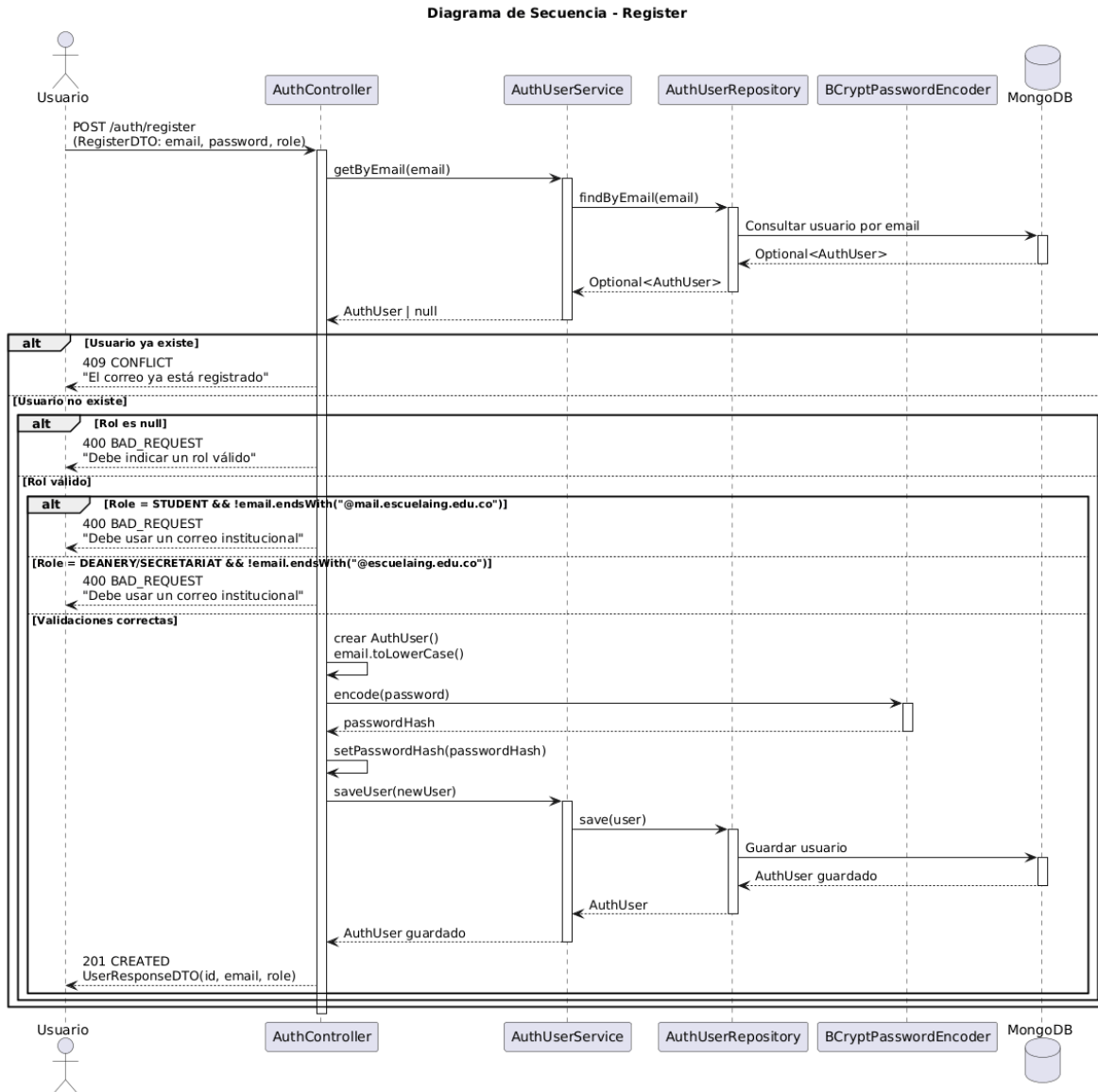


## DIAGRAMAS DE SECUENCIA DE FUNCIONALIDADES SIRHA

### Autenticación

# Diagrama de Secuencia - Login





teacher-controller

Diagrama de Secuencia - Eliminar Profesor (DELETE /teachers/{id})

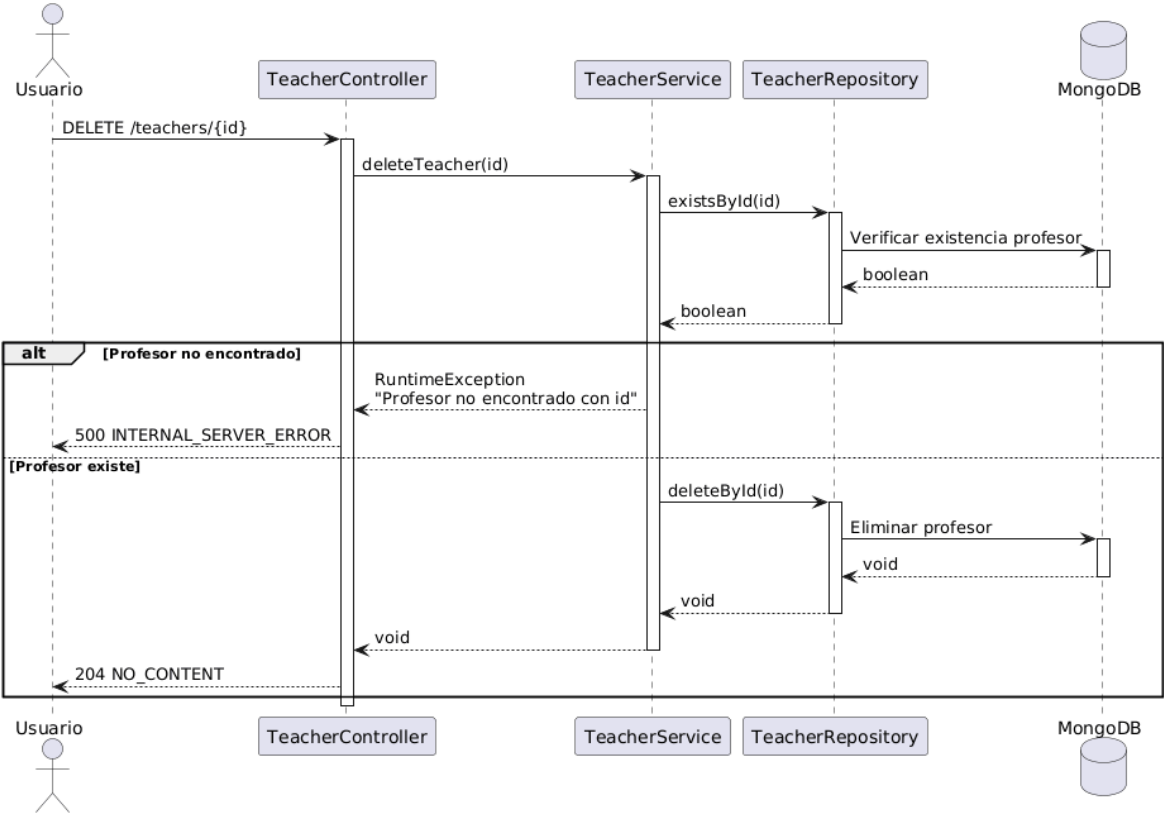
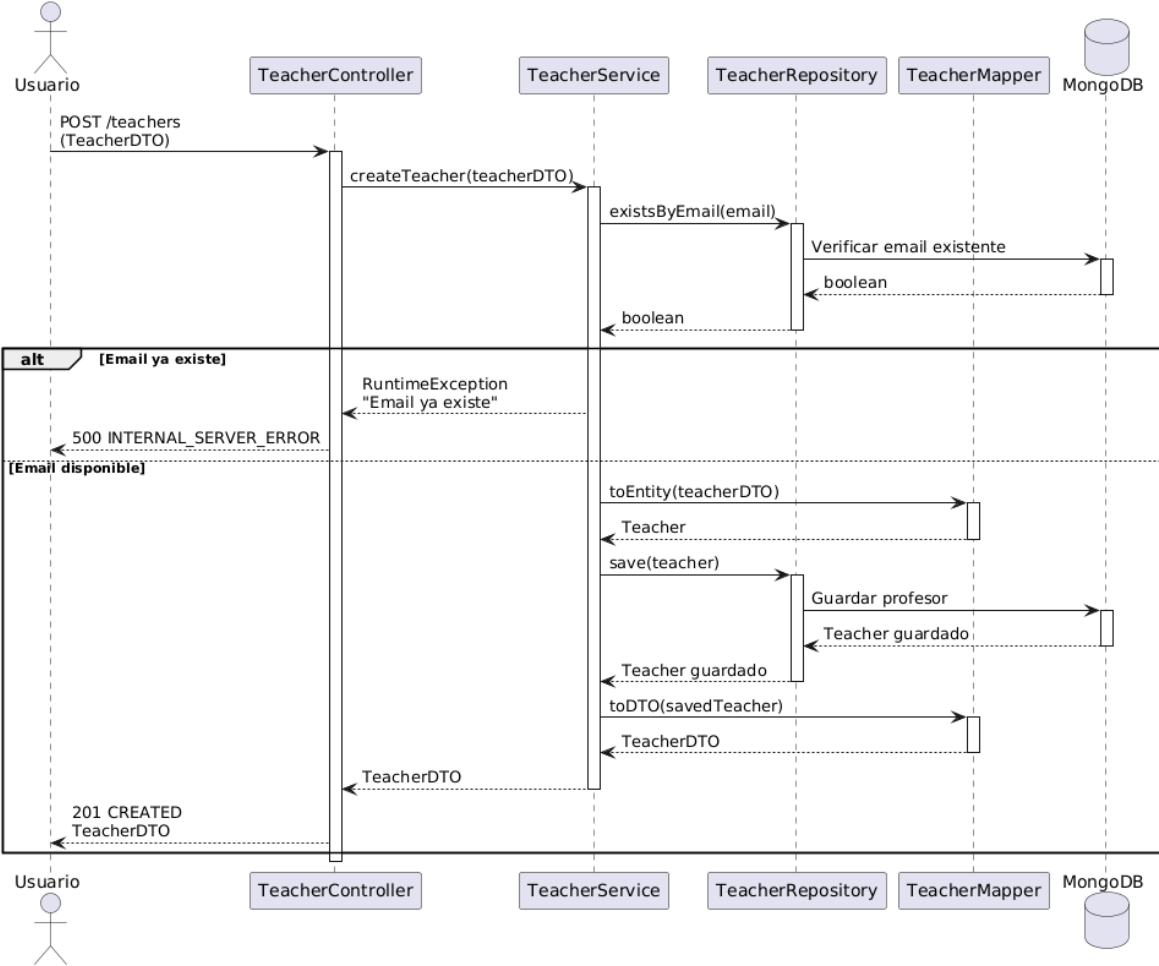
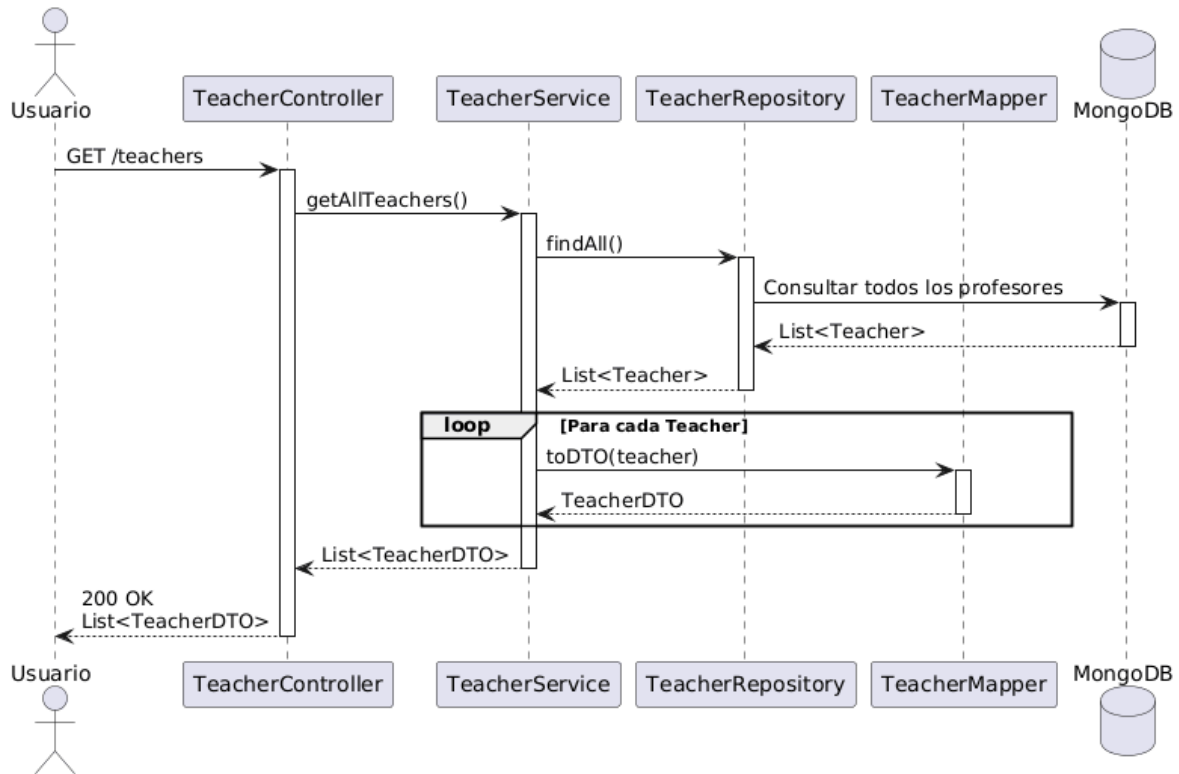


Diagrama de Secuencia - Crear Profesor (POST /teachers)



**Diagrama de Secuencia - Listar Todos los Profesores (GET /teachers)**



**Diagrama de Secuencia - Obtener Profesor por ID (GET /teachers/{id})**

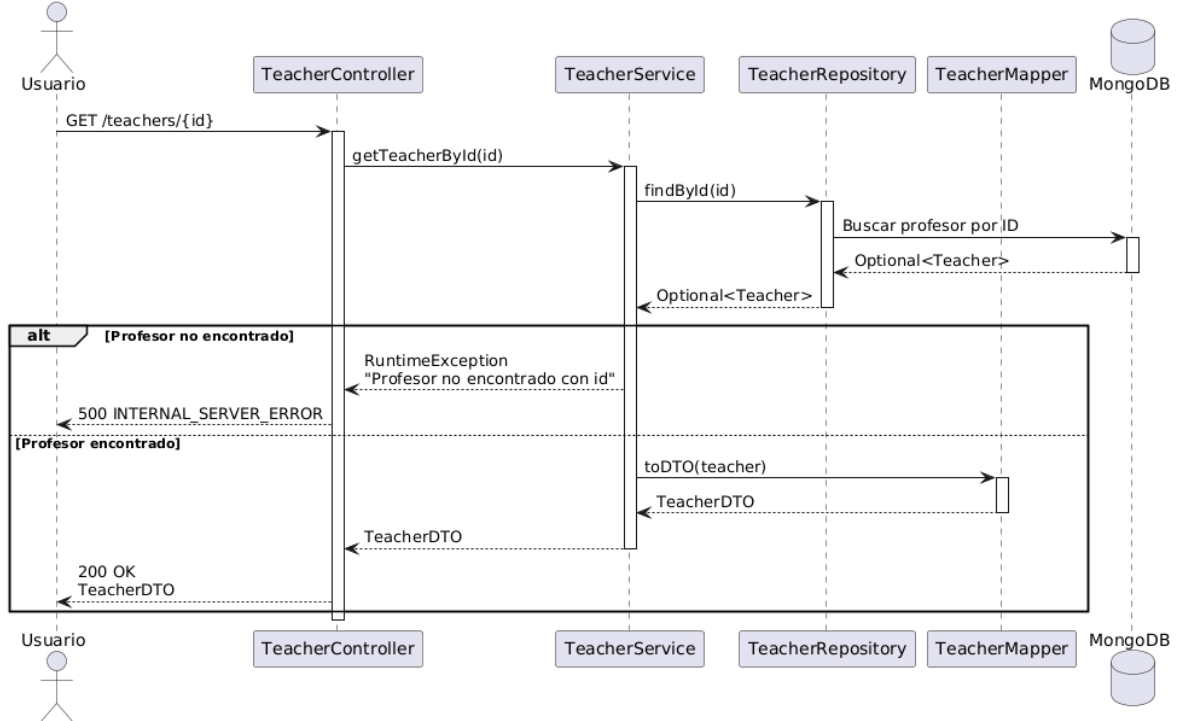


Diagrama de Secuencia - Actualizar Profesor Completamente (PUT /teachers/{id})

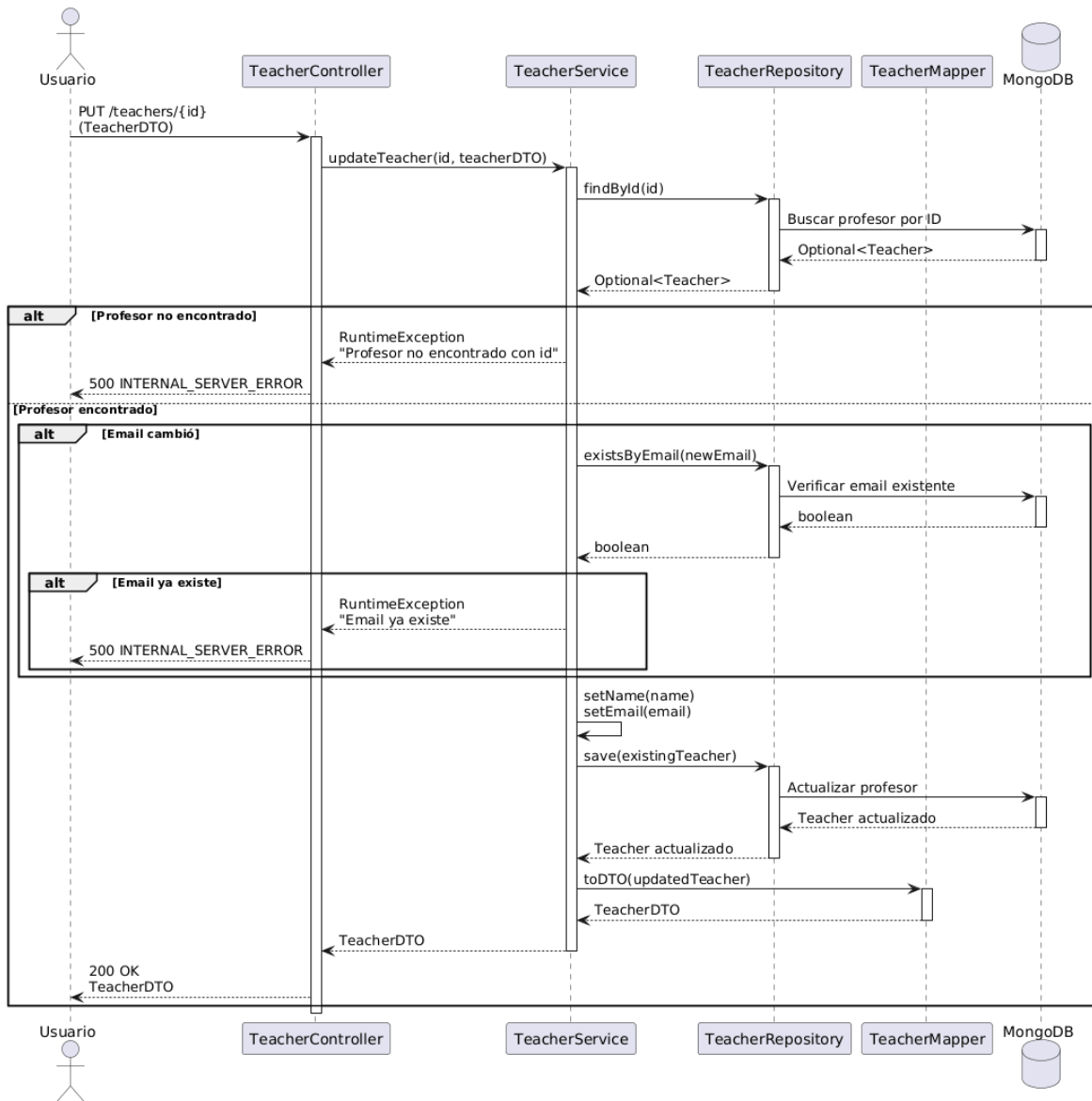


Diagrama de Secuencia - Actualizar Profesor Parcialmente (PATCH /teachers/{id})

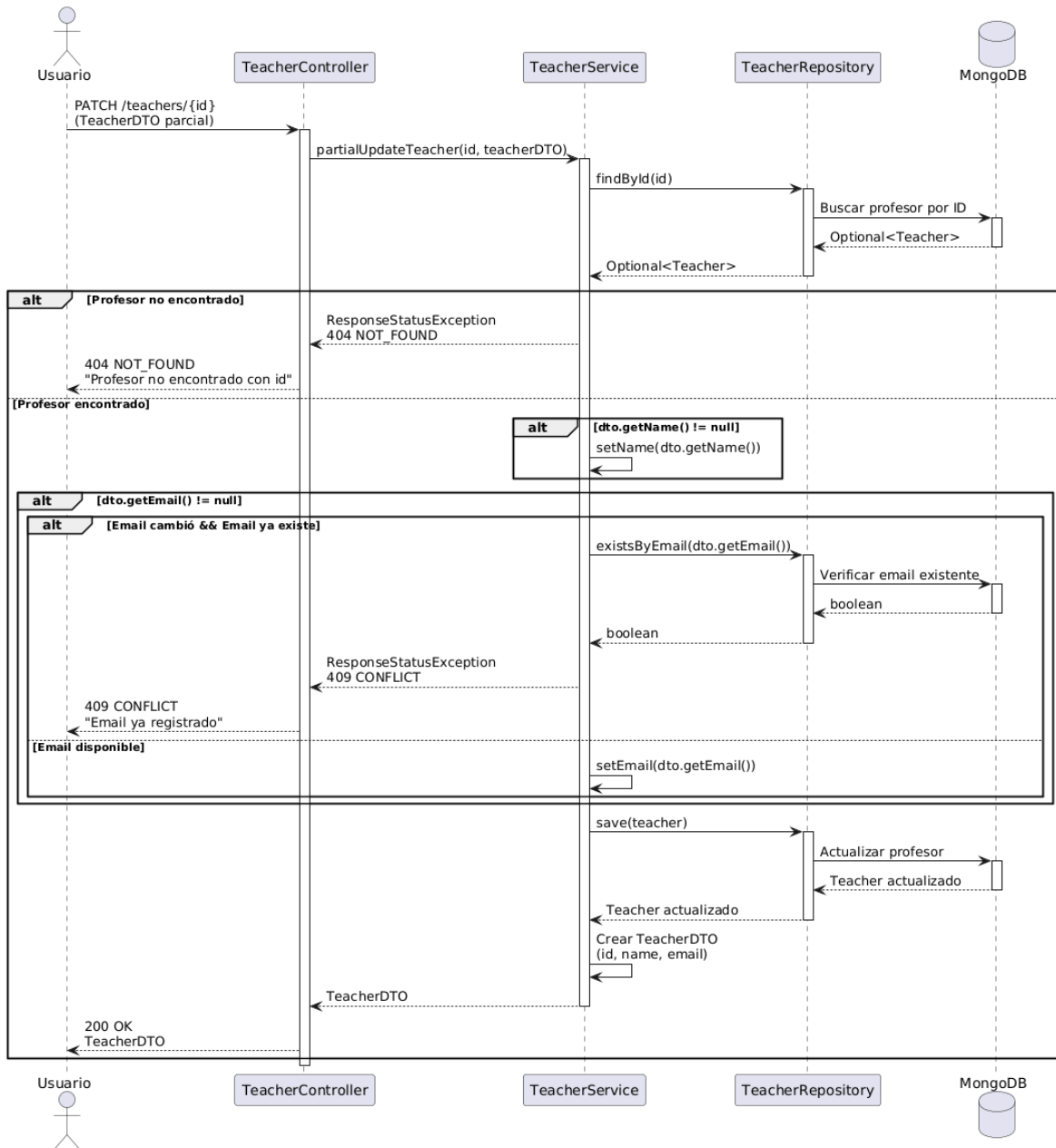
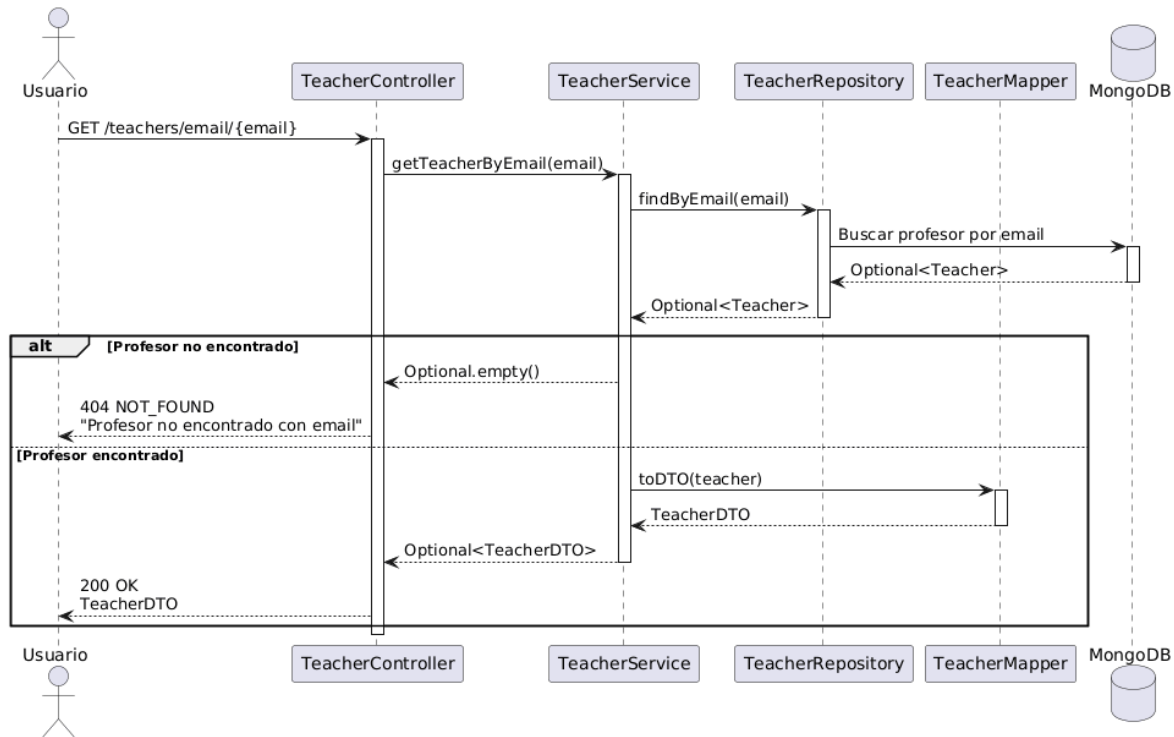




Diagrama de Secuencia - Obtener Profesor por Email (GET /teachers/email/{email})



teacher-controller

Diagrama de Secuencia - Crear Materia (POST /subjects)

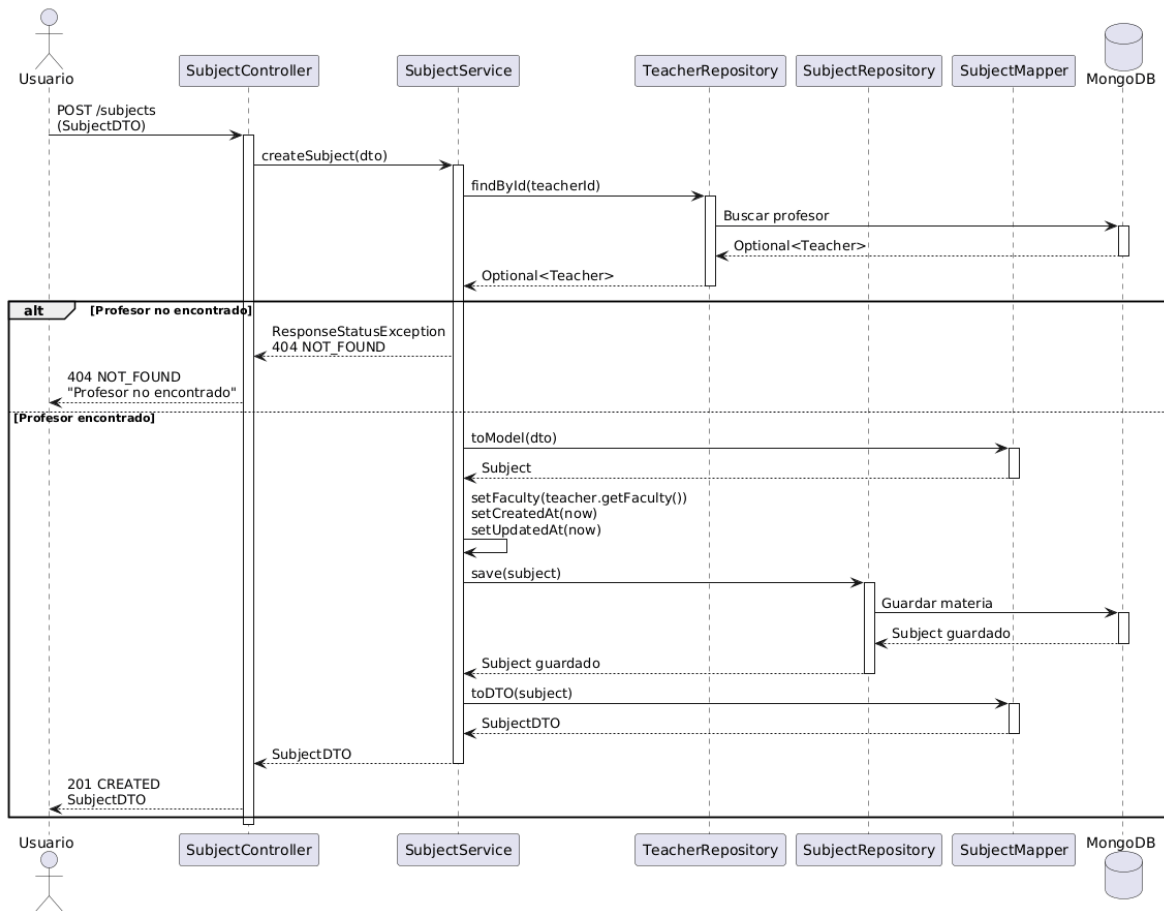


Diagrama de Secuencia - Listar Todas las Materias (GET /subjects)

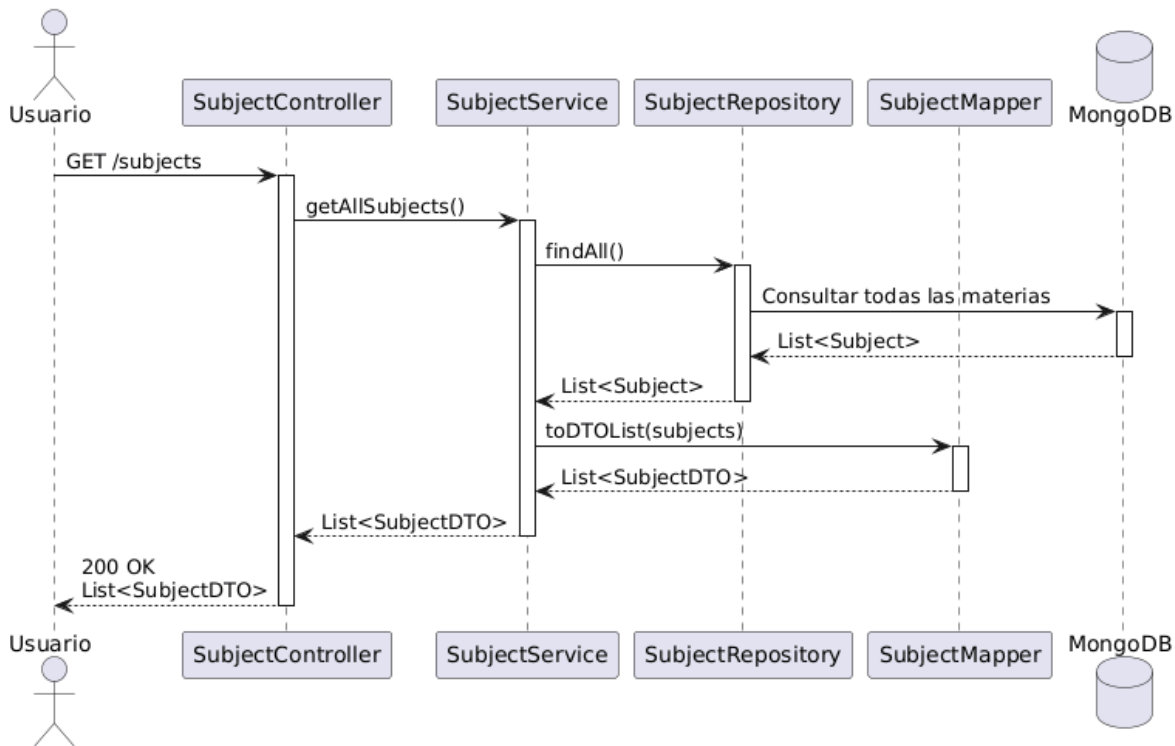


Diagrama de Secuencia - Obtener Materia por ID (GET /subjects/{id})

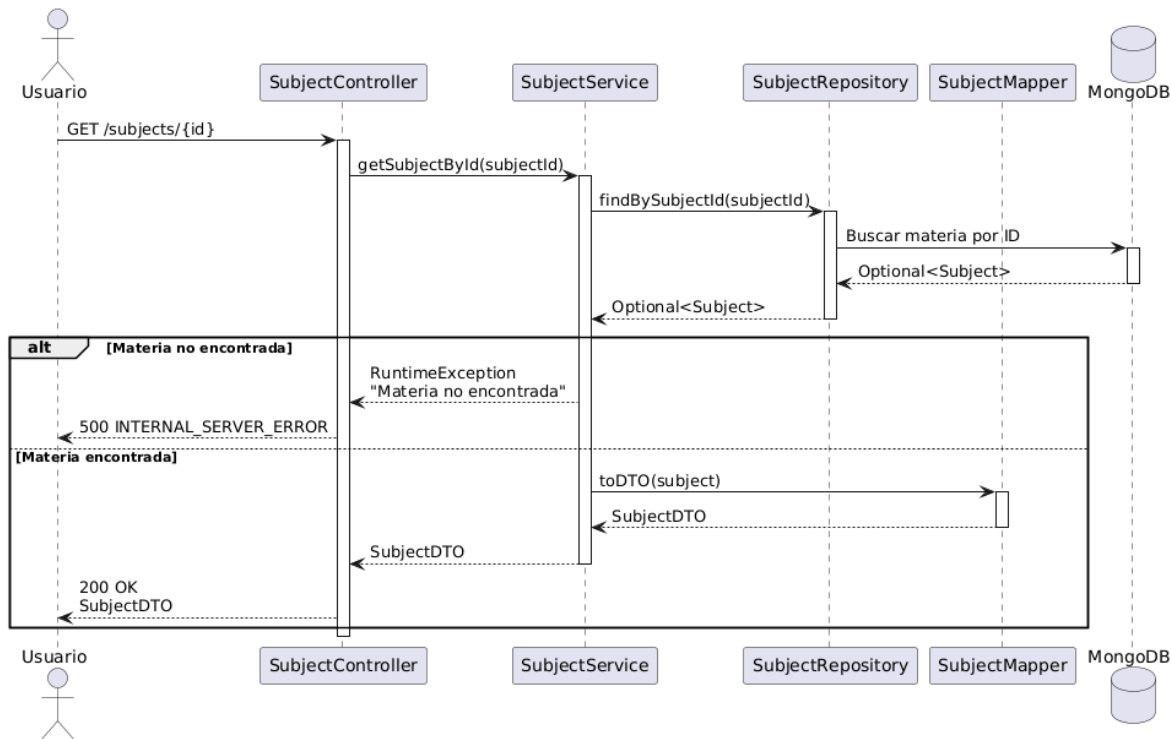


Diagrama de Secuencia - Actualizar Materia Completamente (PUT /subjects/{id})

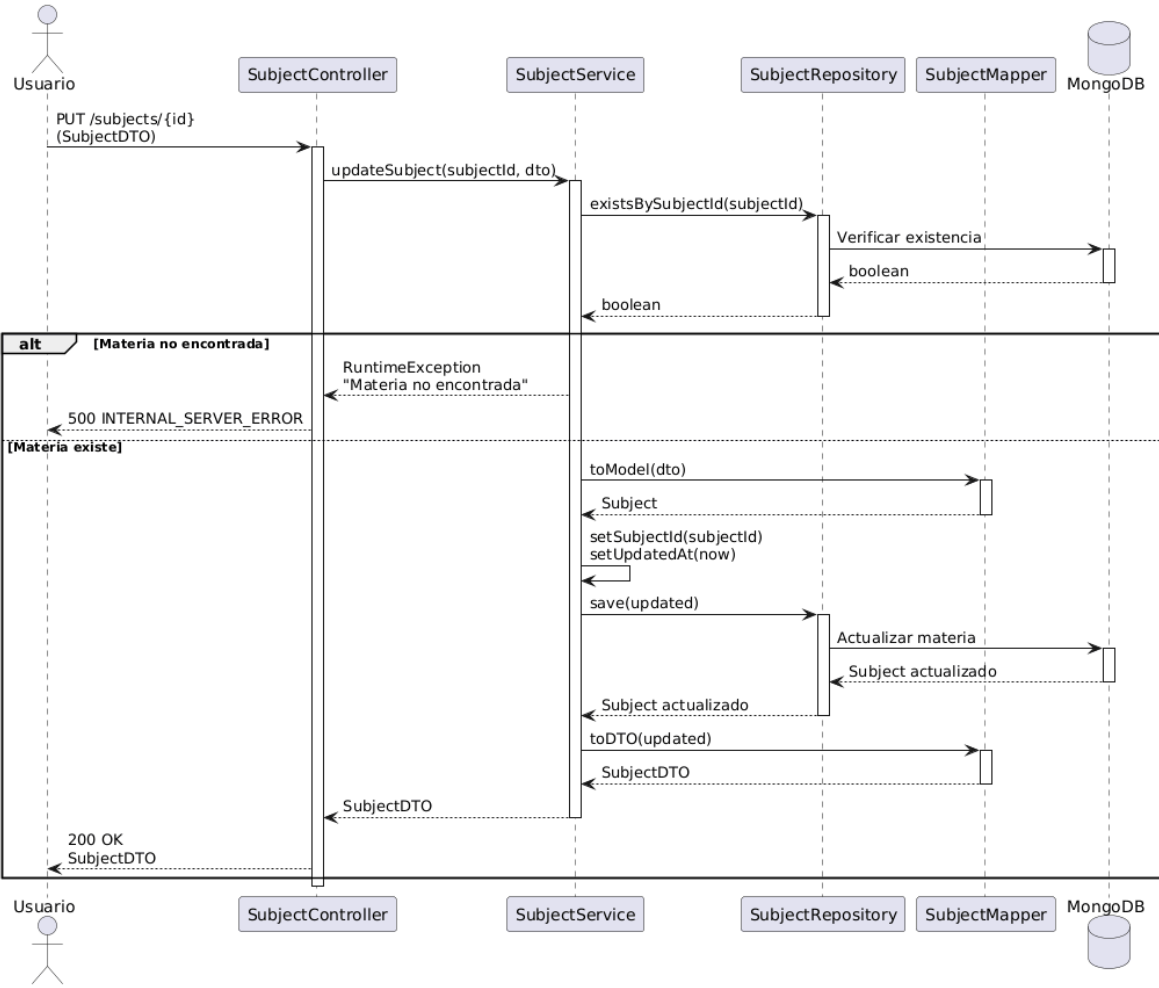


Diagrama de Secuencia - Actualizar Materia Parcialmente (PATCH /subjects/{id})

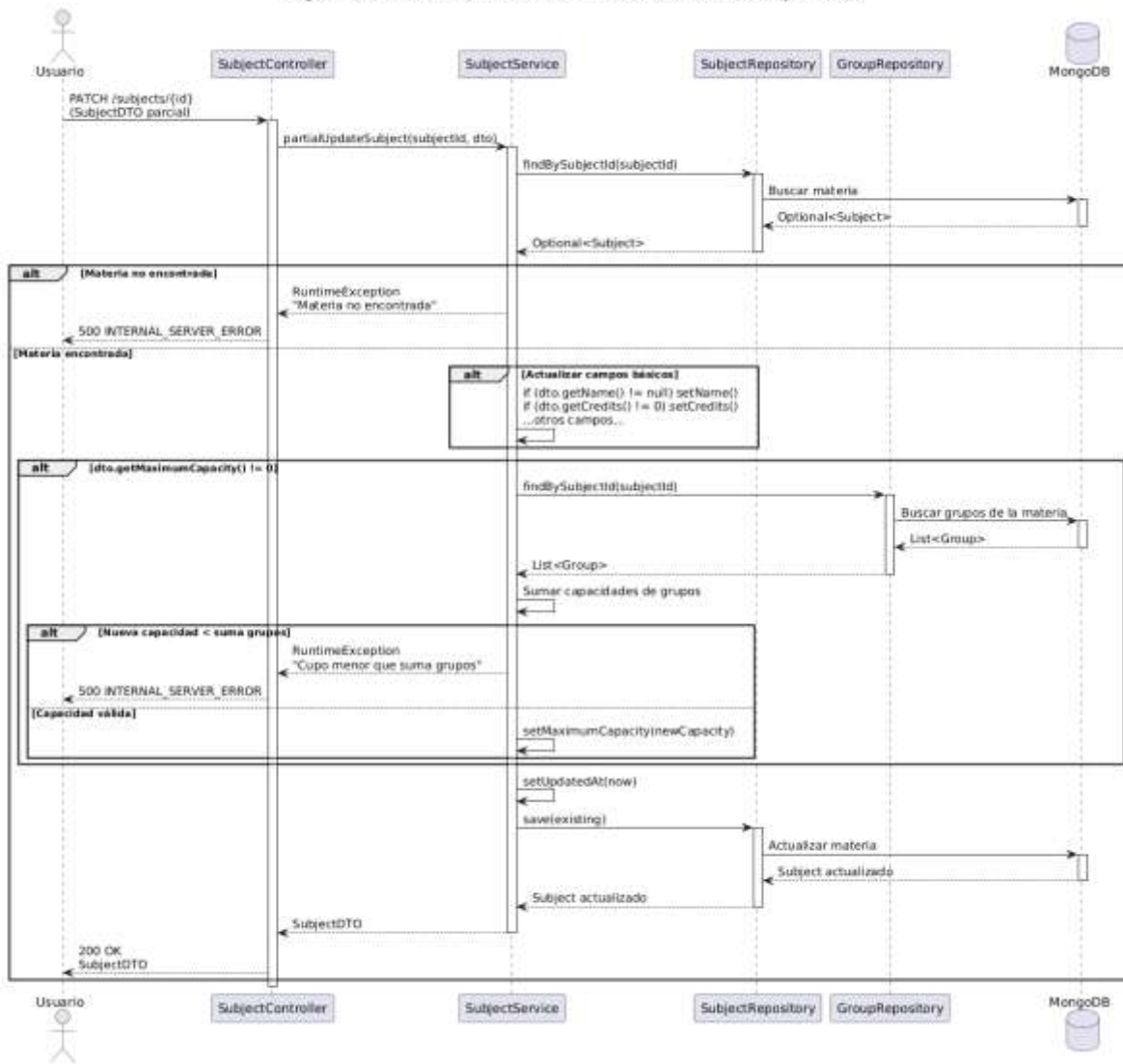


Diagrama de Secuencia - Eliminar Materia (DELETE /subjects/{id})

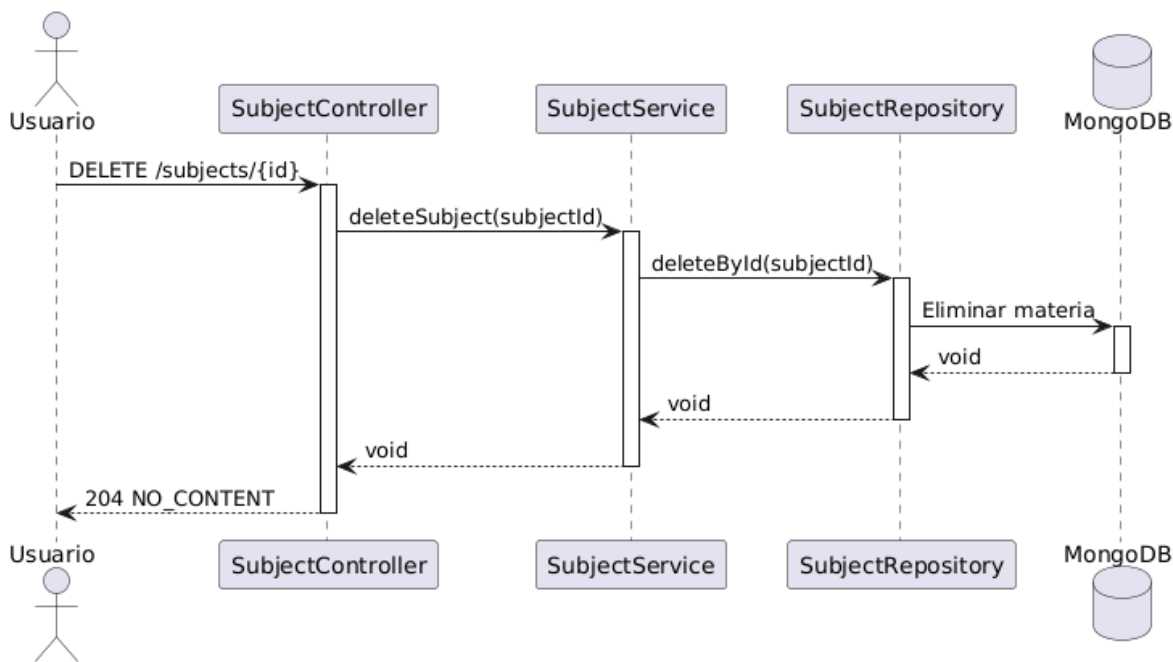


Diagrama de Secuencia - Obtener Materias por Profesor (GET /subjects/teacher/{teacherId})

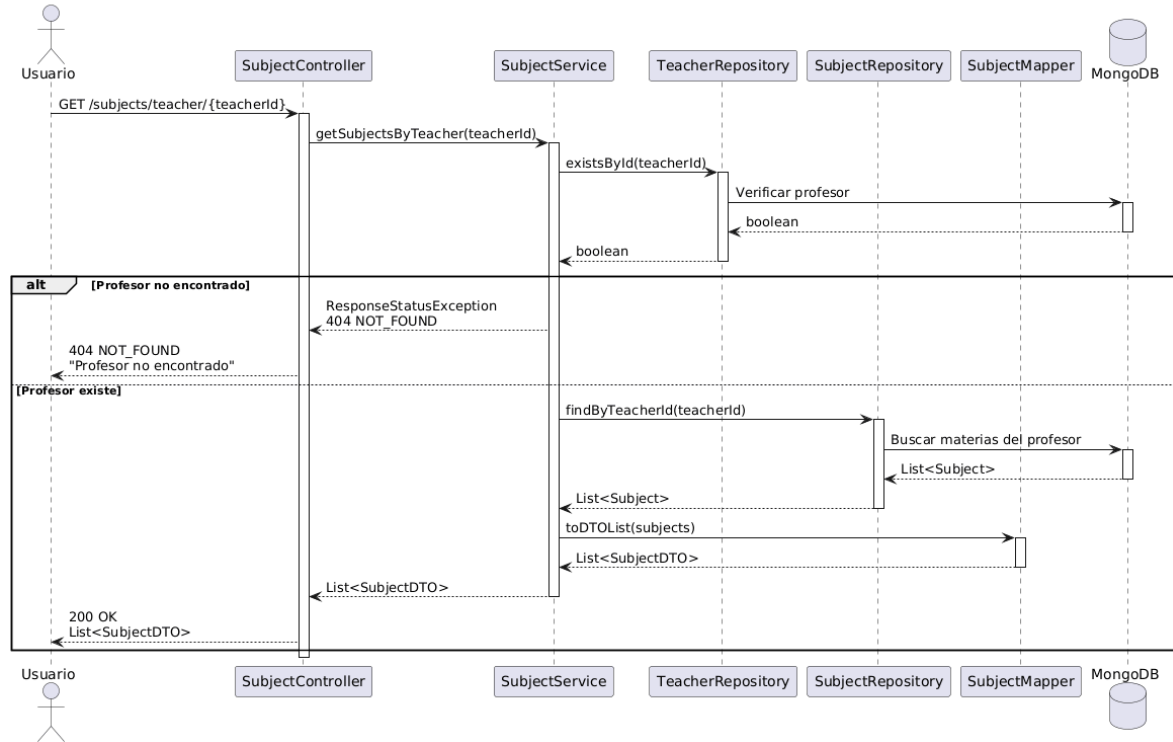


Diagrama de Secuencia - Actualizar Capacidad Máxima (PATCH /subjects/{subjectId}/capacity)

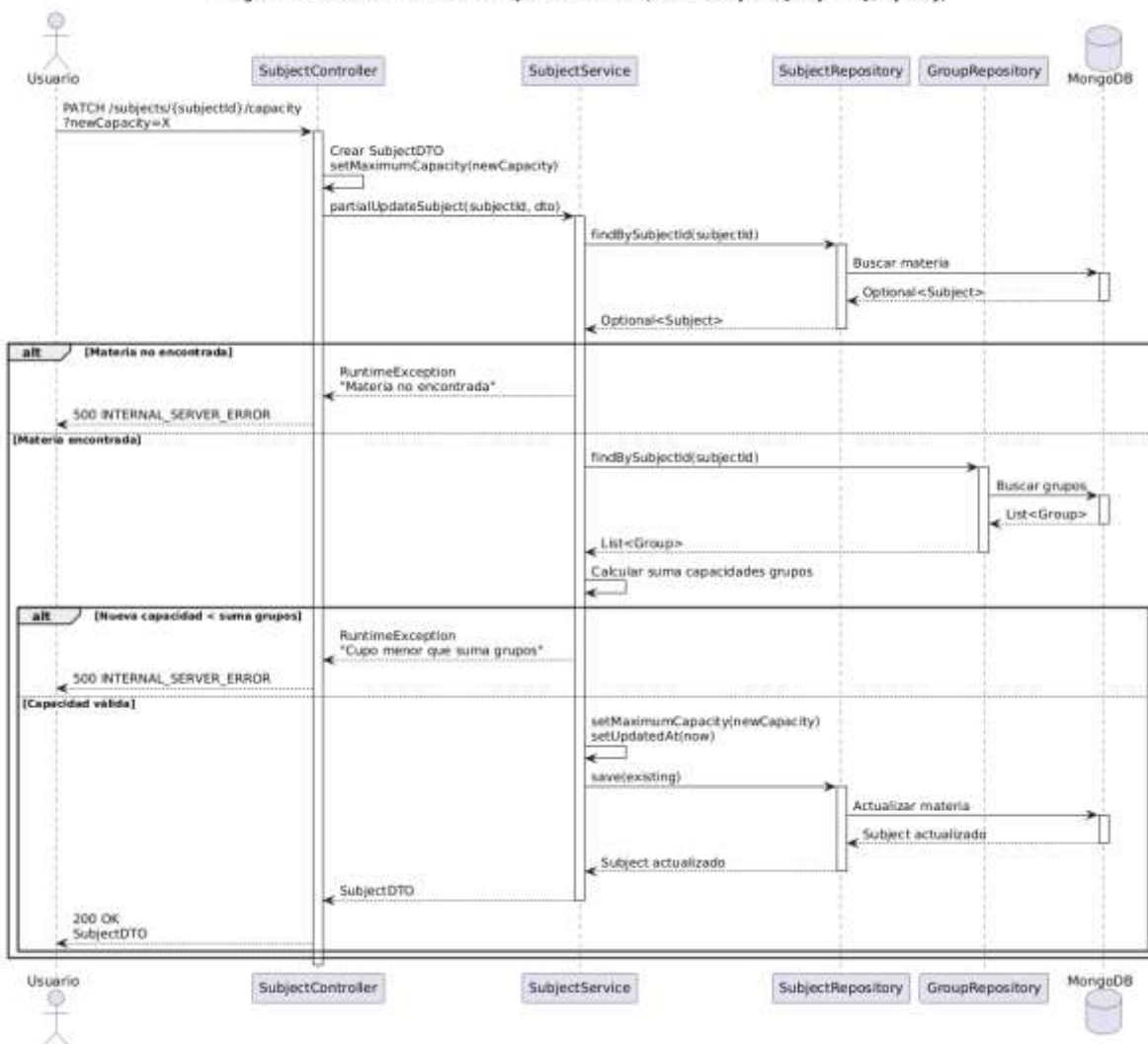


Diagrama de Secuencia - Asignar Evaluación a Materia (POST /subjects/{subjectId}/assign/{studentId})

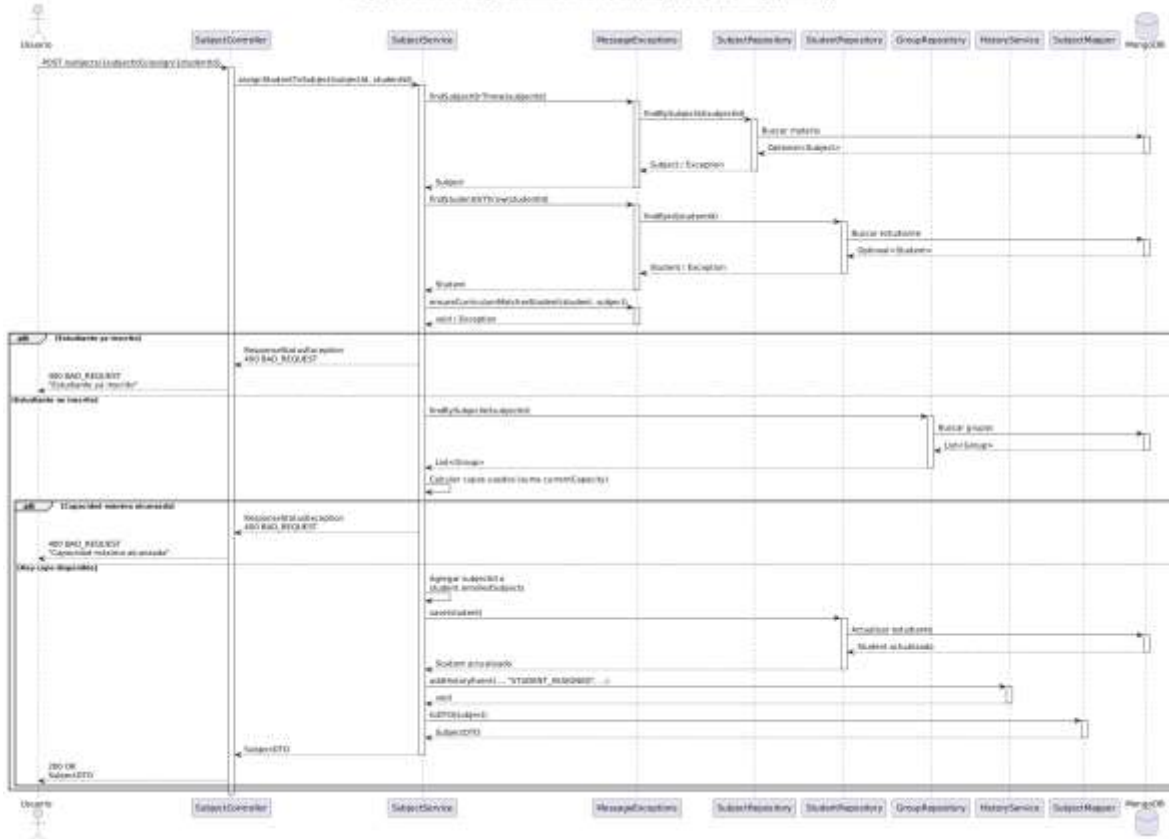
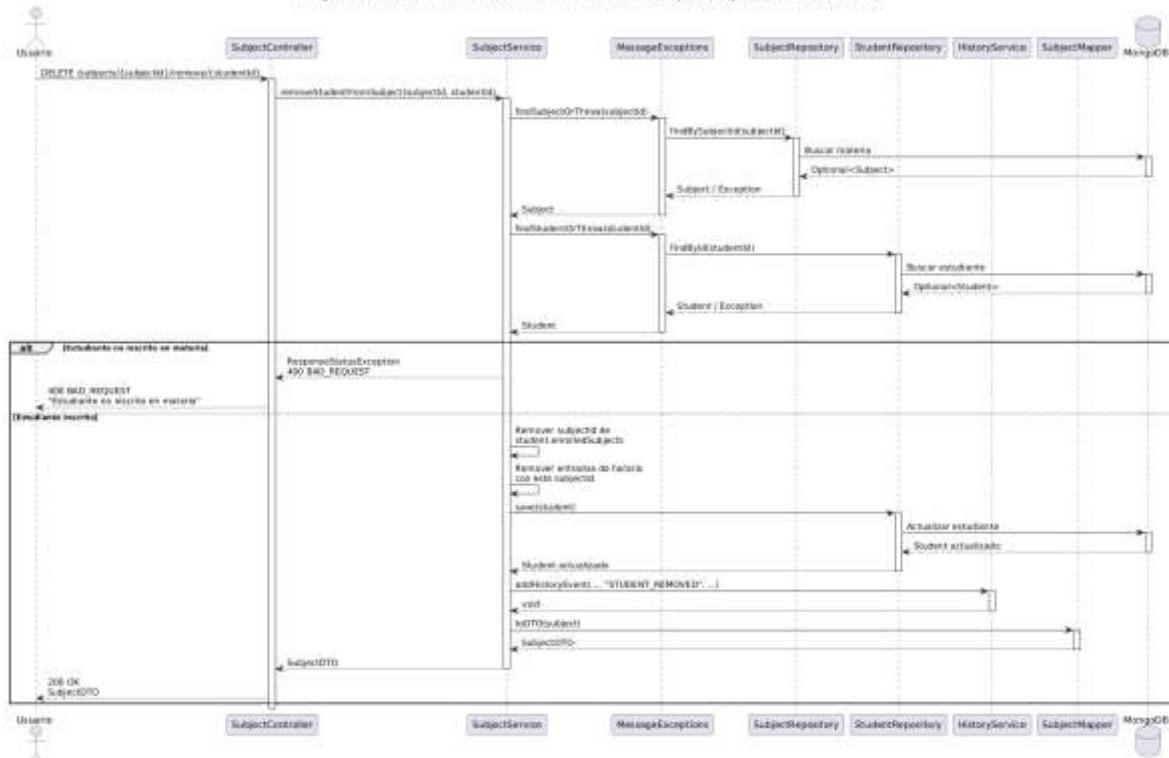


Diagrama de Secuencia - Remover Estudiante de Materia (DELETE /subjects/{subjectId}/remove/{studentId})





## student-controller

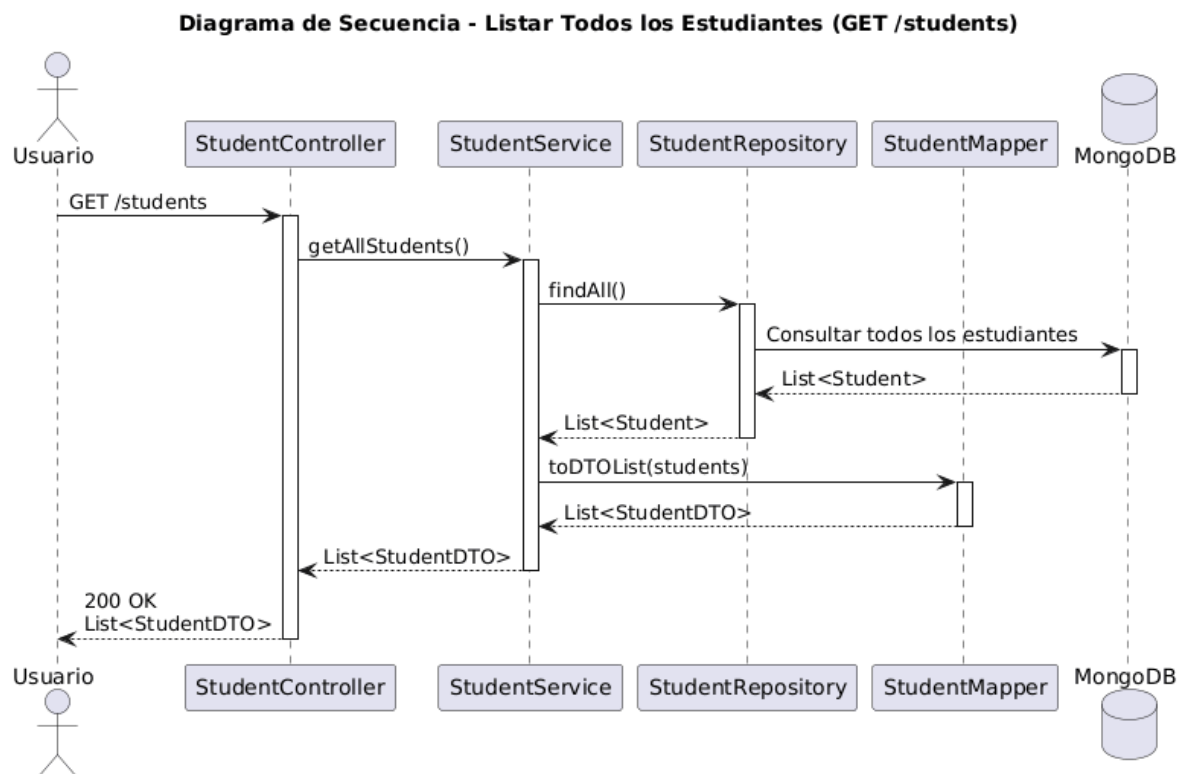
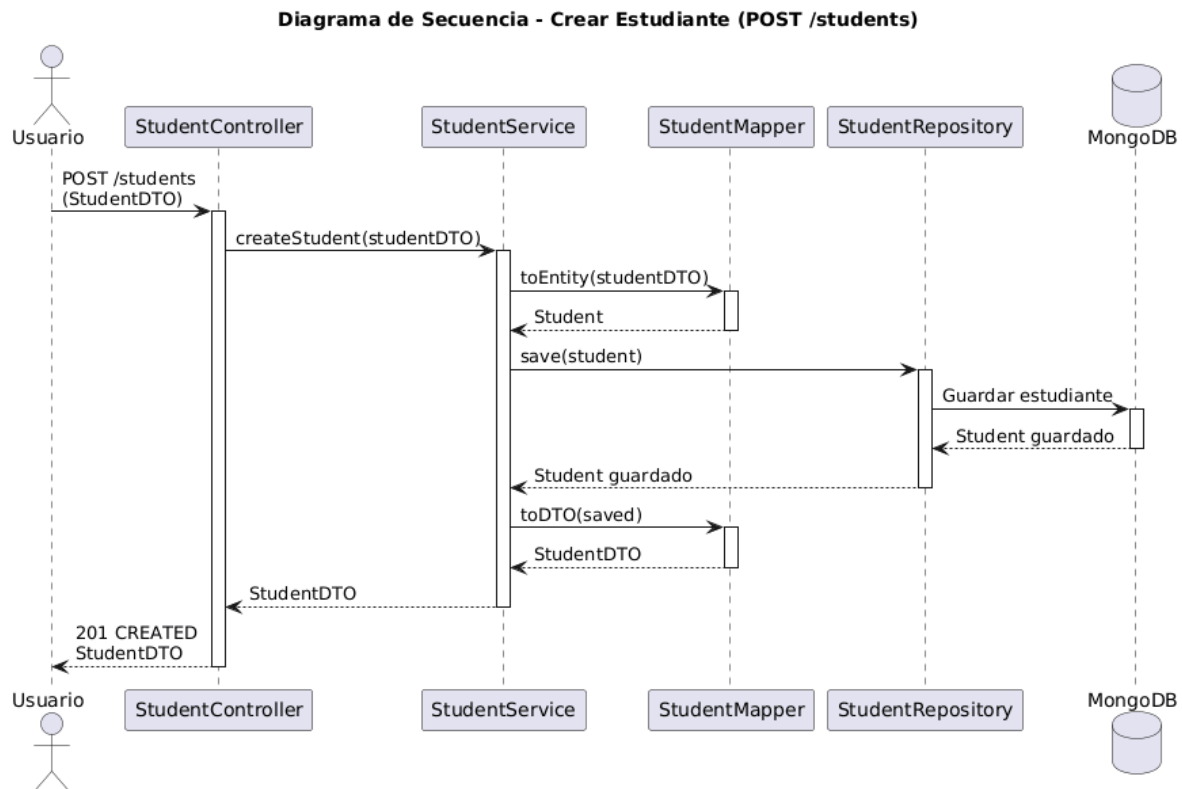


Diagrama de Secuencia - Obtener Estudiante por ID (GET /students/{id})

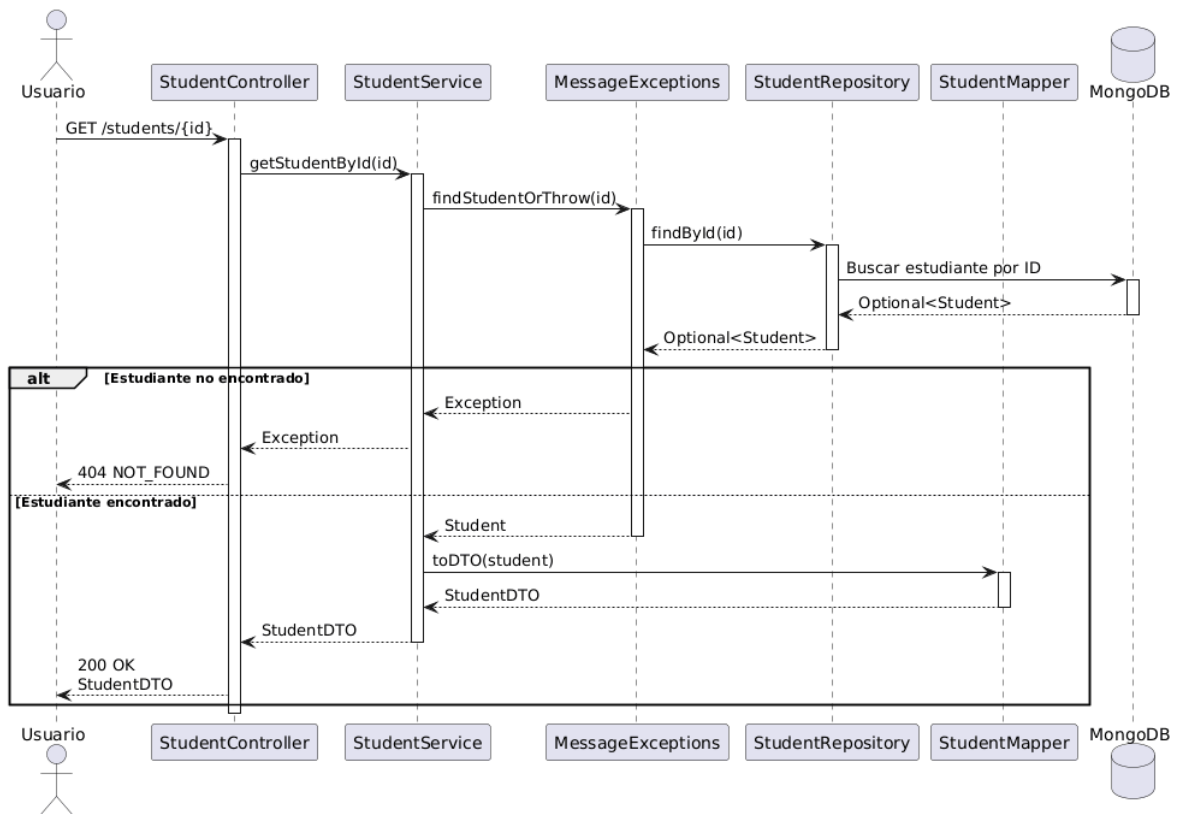


Diagrama de Secuencia - Actualizar Estudiante Completamente (PUT /students/{id})

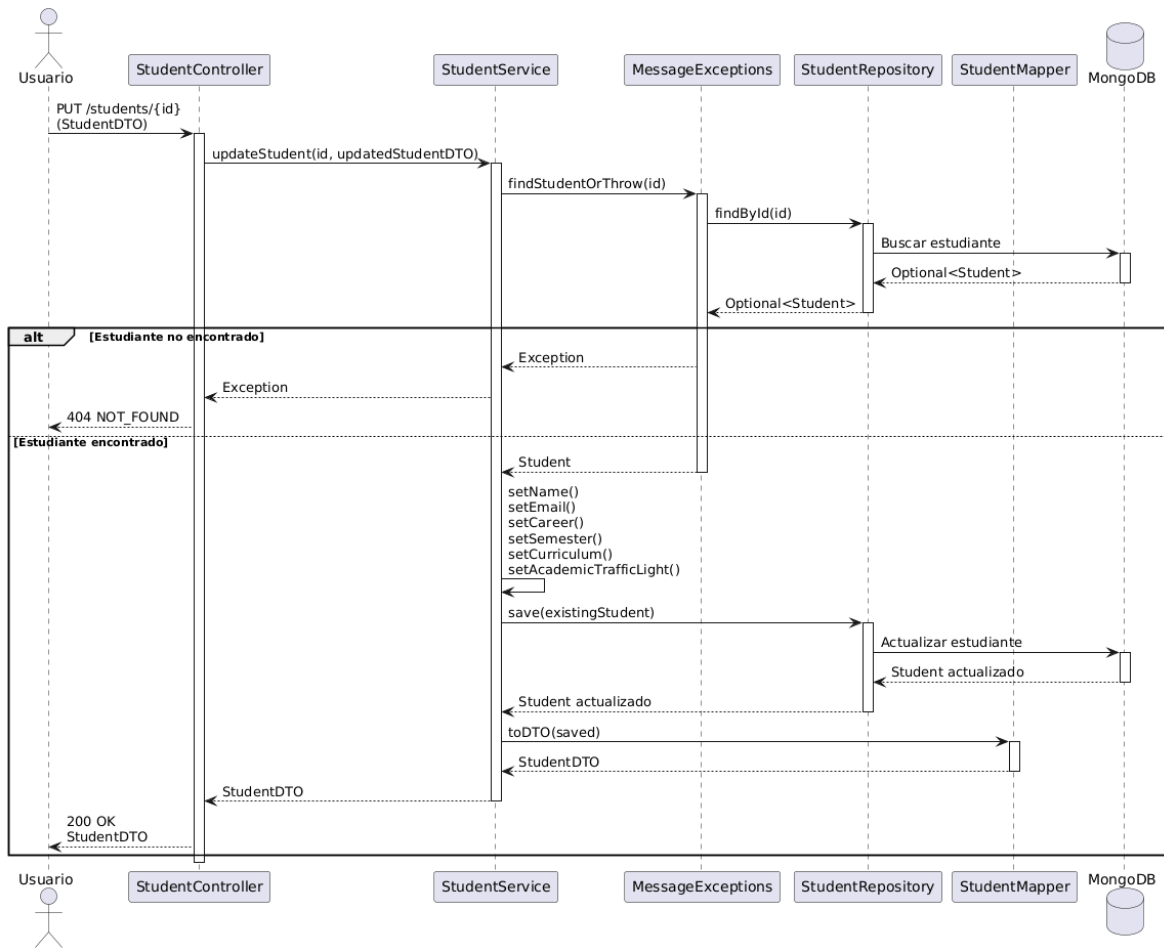


Diagrama de Secuencia - Actualizar Estudiante Parcialmente (PATCH /students/{id})

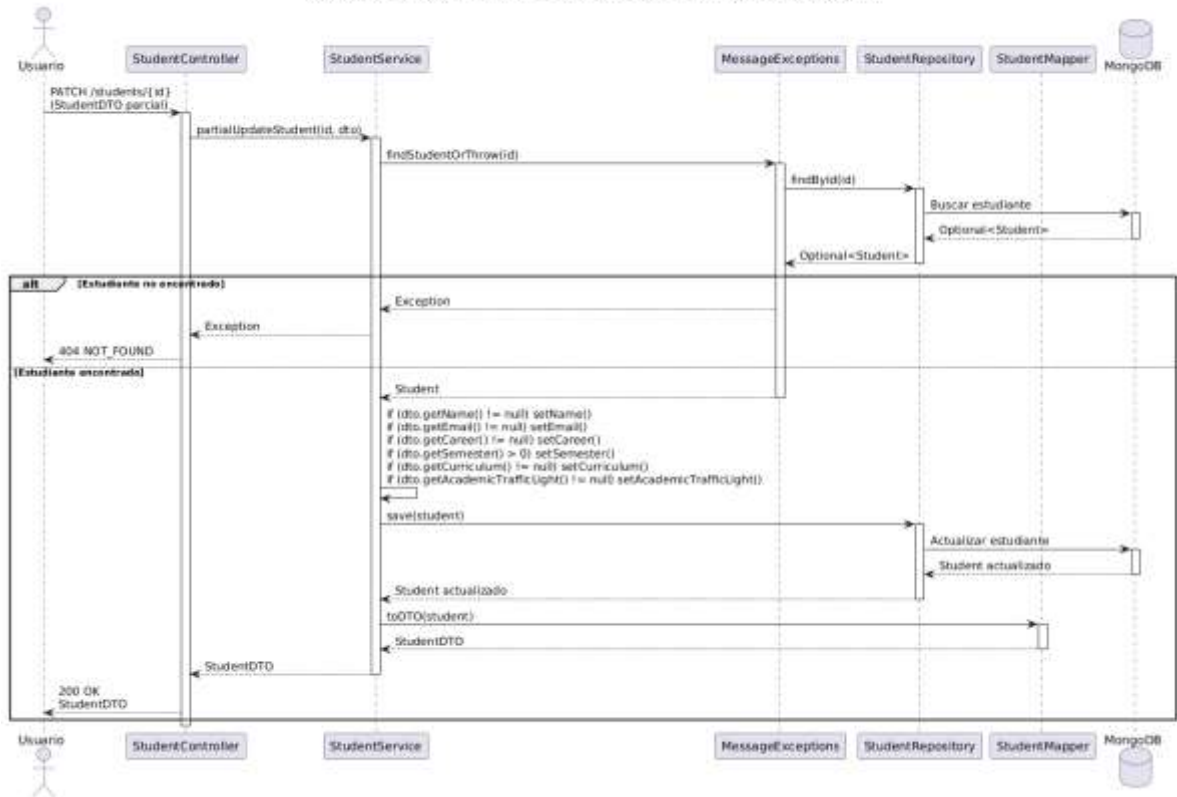


Diagrama de Secuencia - Eliminar Estudiante (DELETE /students/{id})

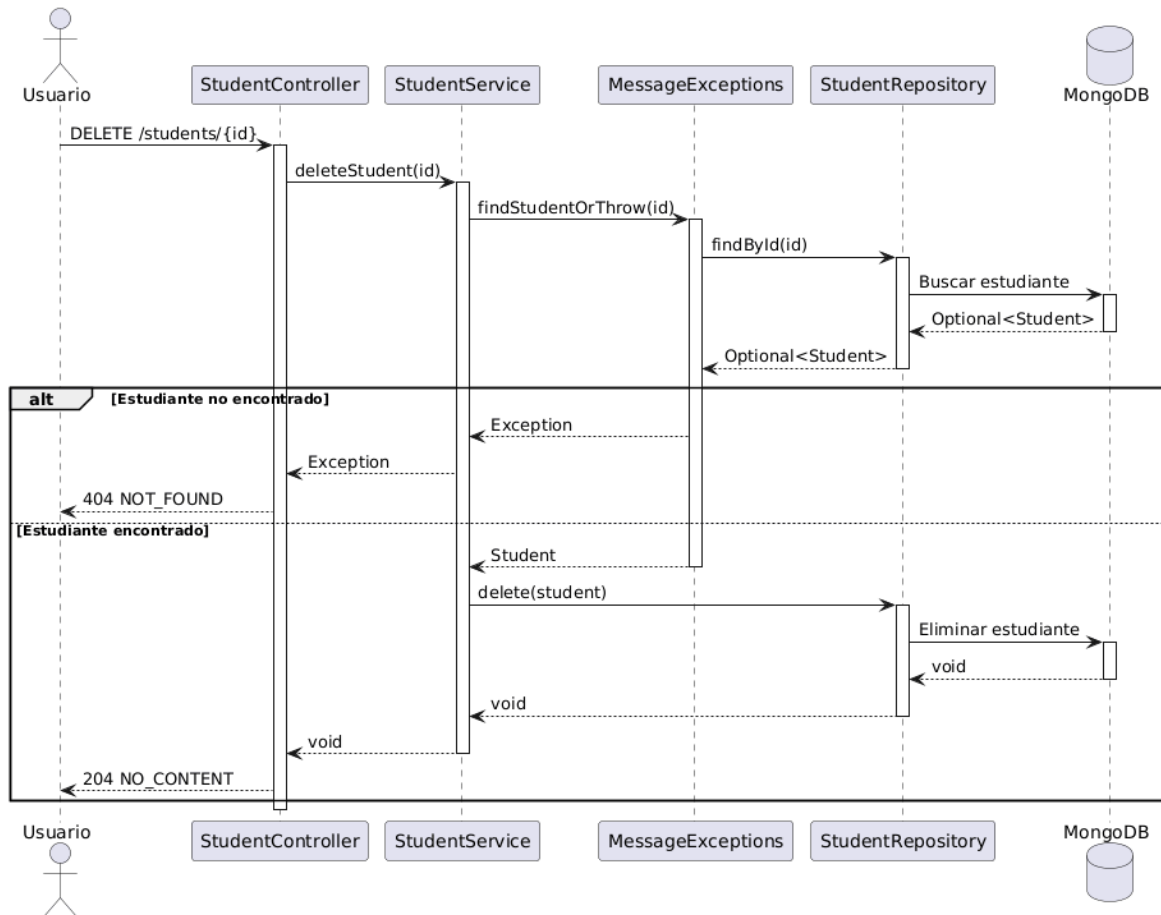


Diagrama de Secuencia - Obtener Solicitudes de Estudiante (GET /students/{id}/requests)

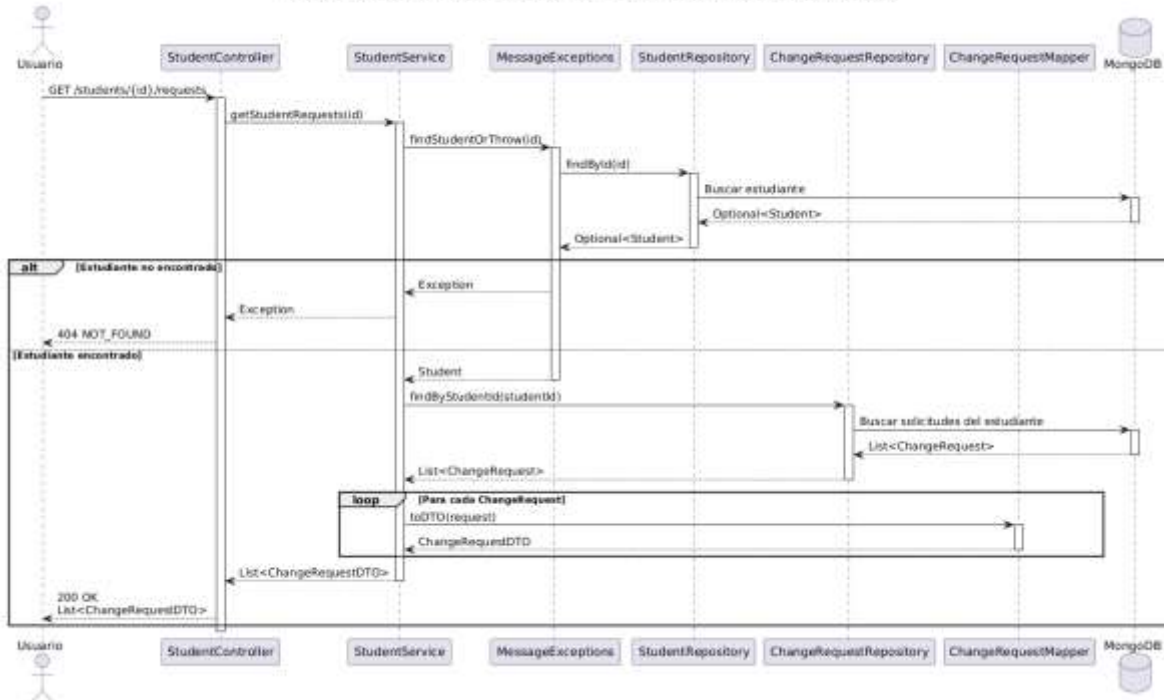
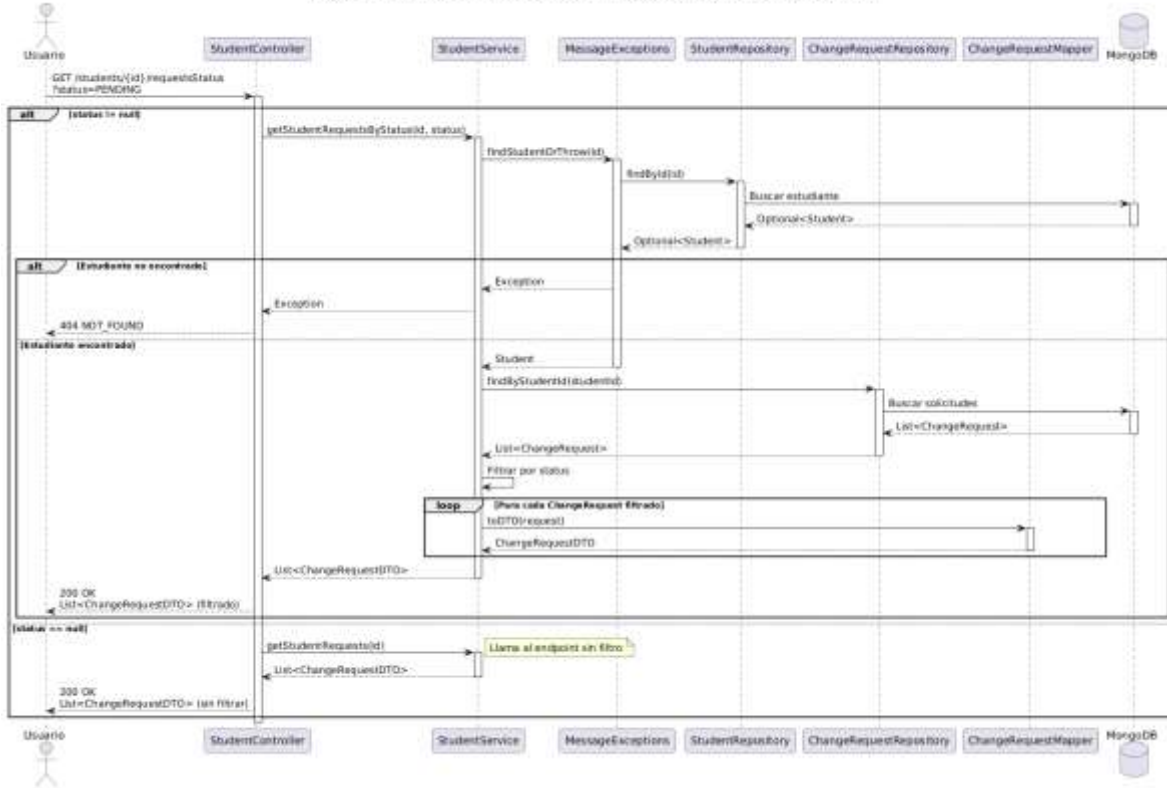
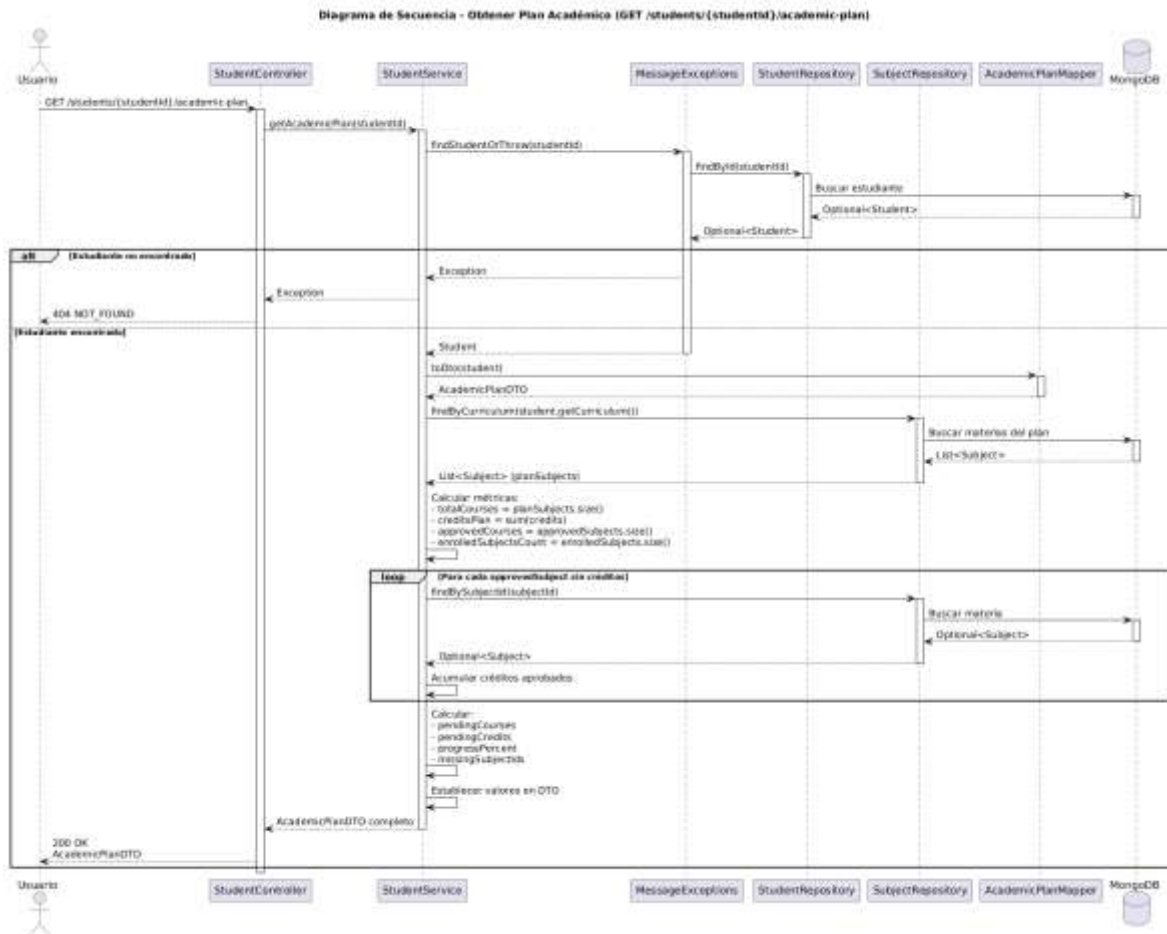


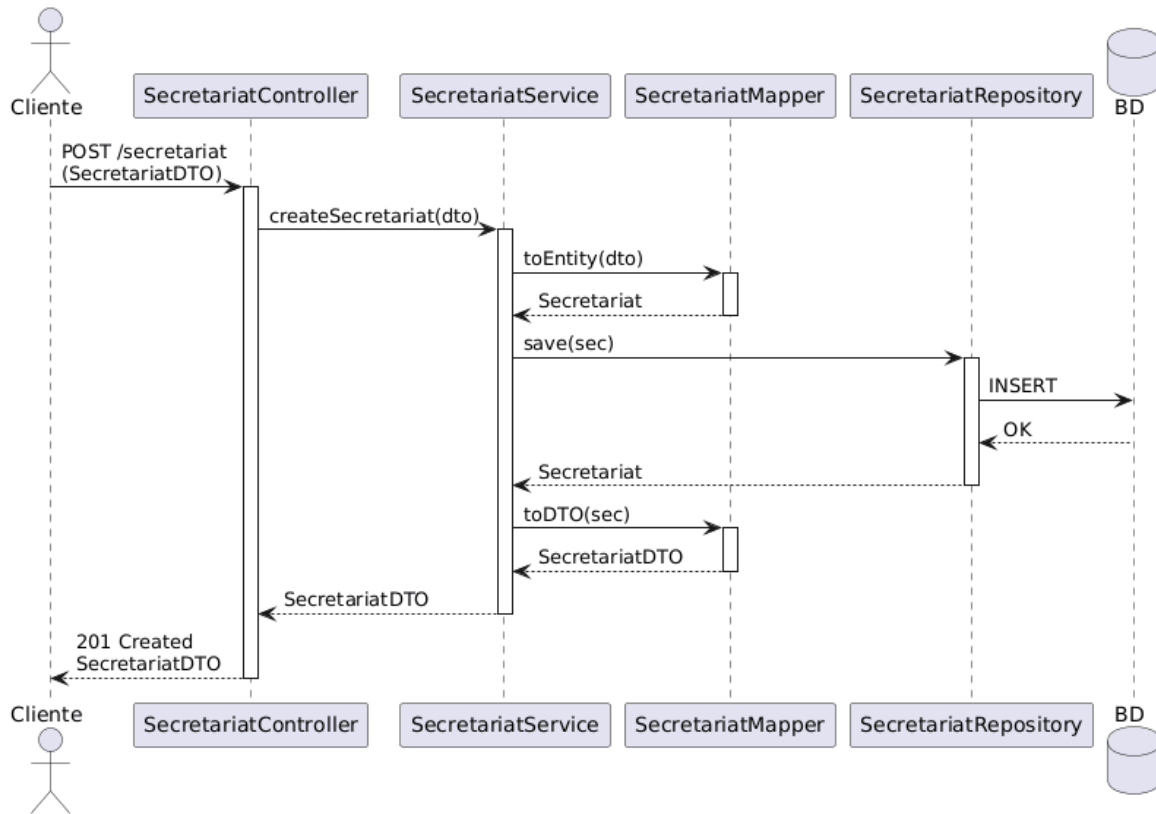
Diagrama de Secuencia - Obtener Solicitudes por Estado (GET /students/{id}/requests/status)



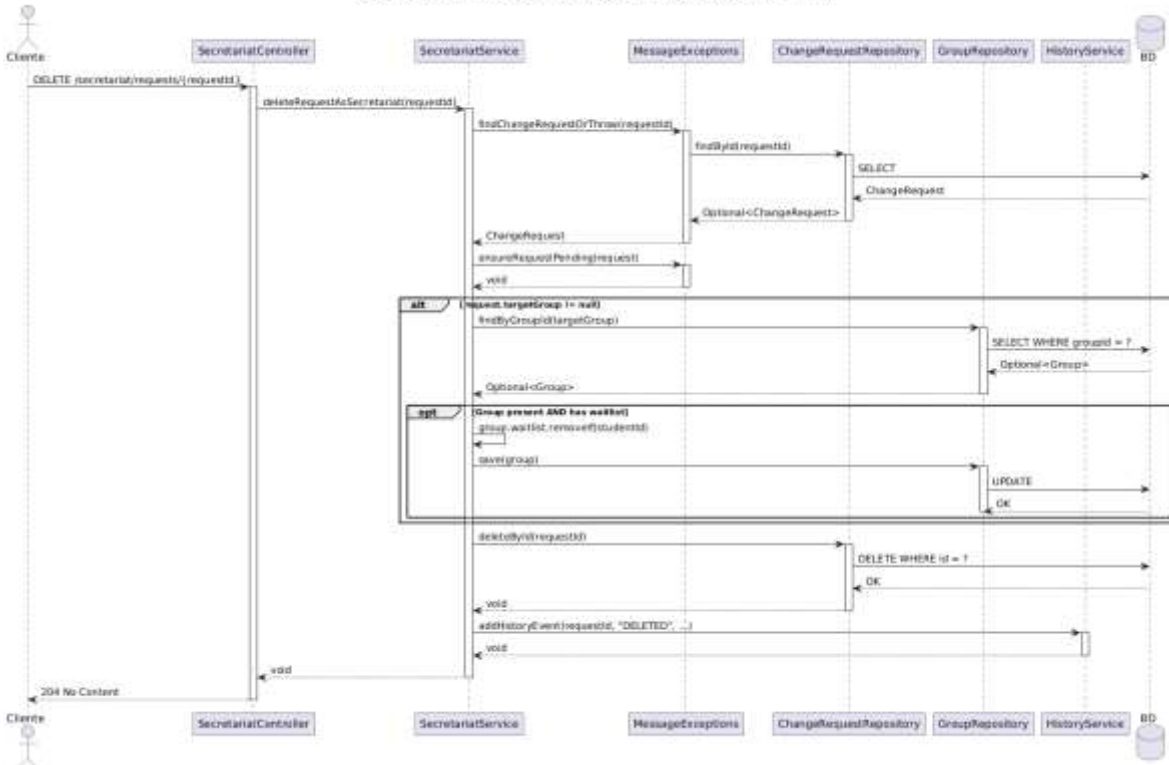


secretariat-controller

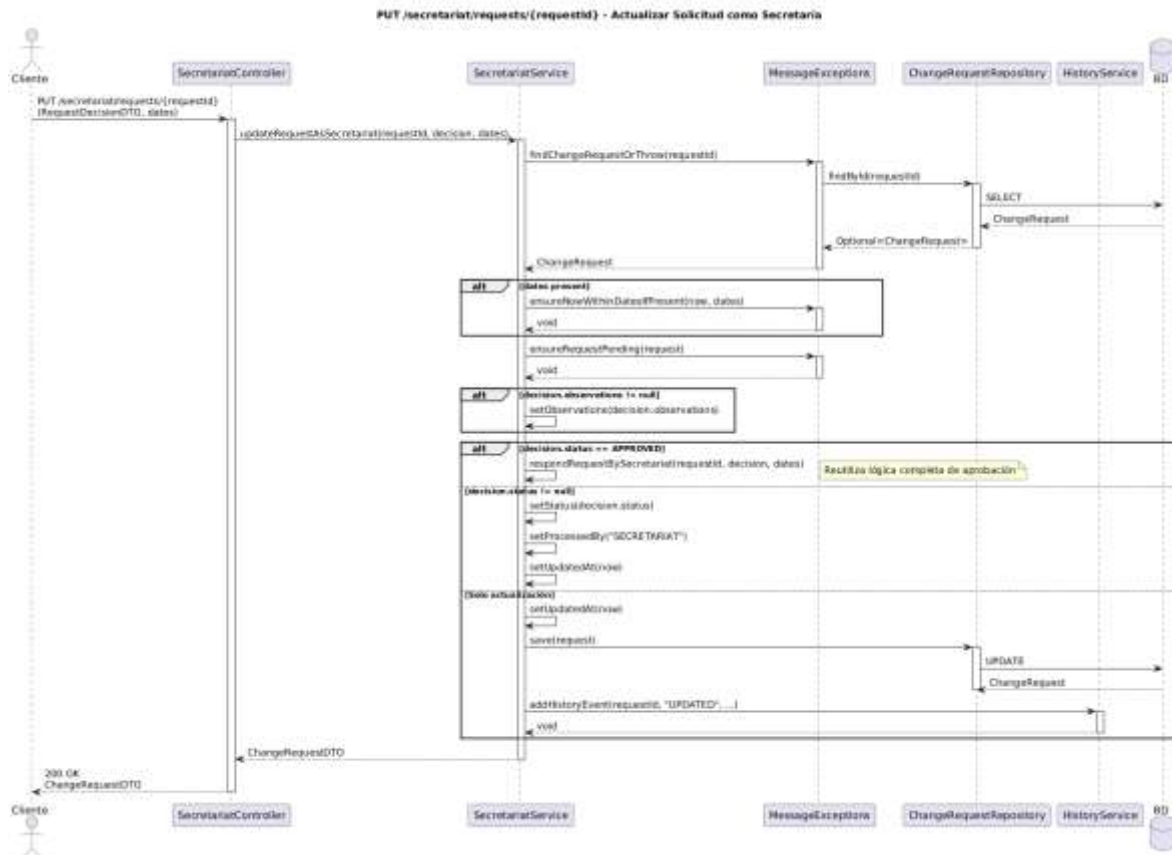
## POST /secretariat - Crear Secretaría Académica



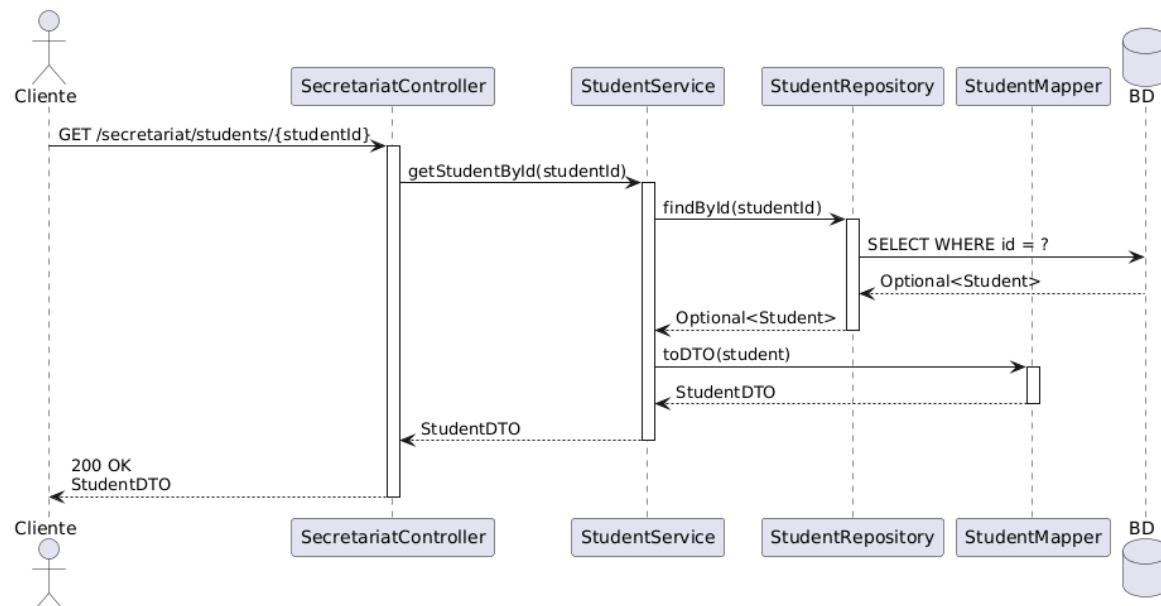
## DELETE /secretariat/requests/{requestId} - Eliminar Solicitud como Secretaría



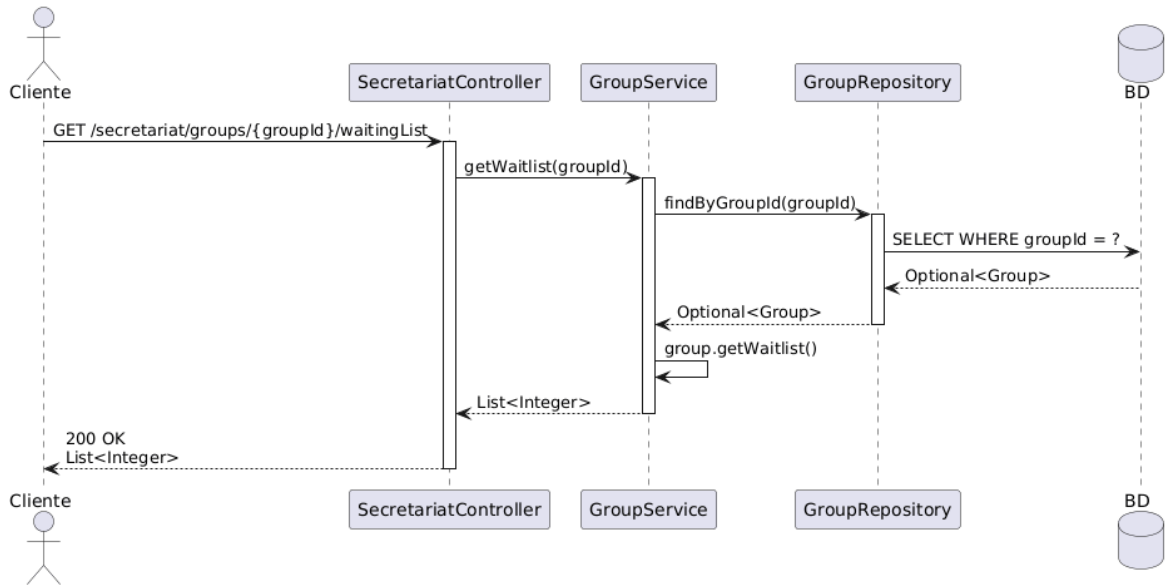




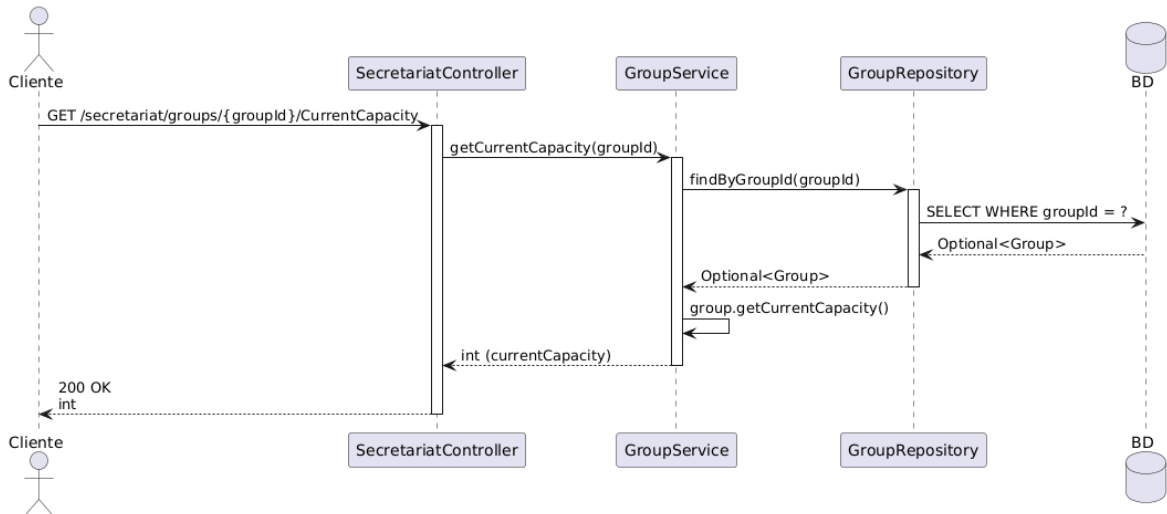
### GET /secretariat/students/{studentId} - Consultar Información de Estudiante



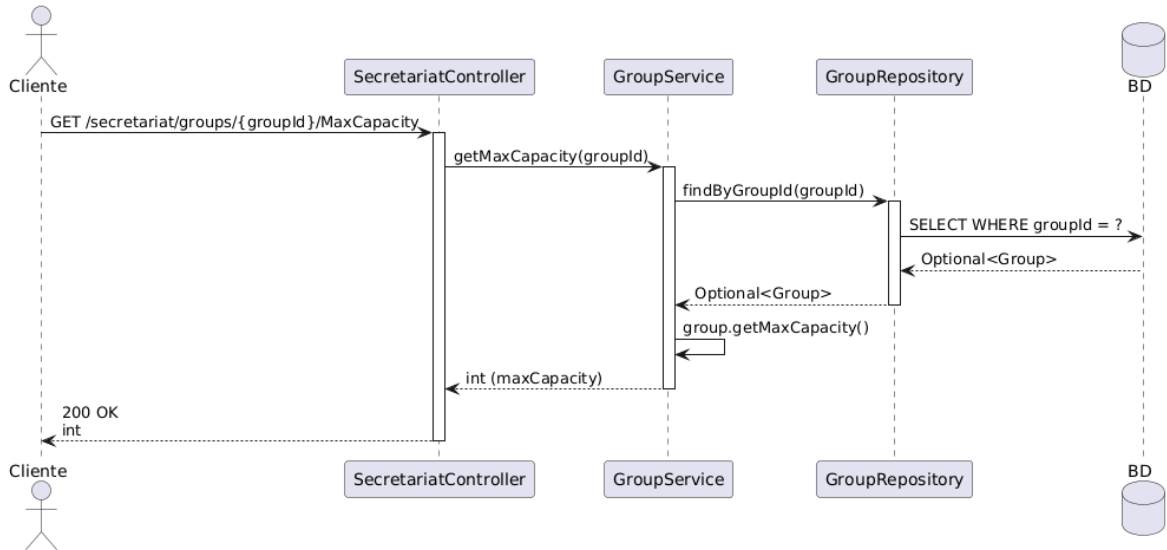
### GET /secretariat/groups/{groupId}/waitingList - Consultar Lista de Espera



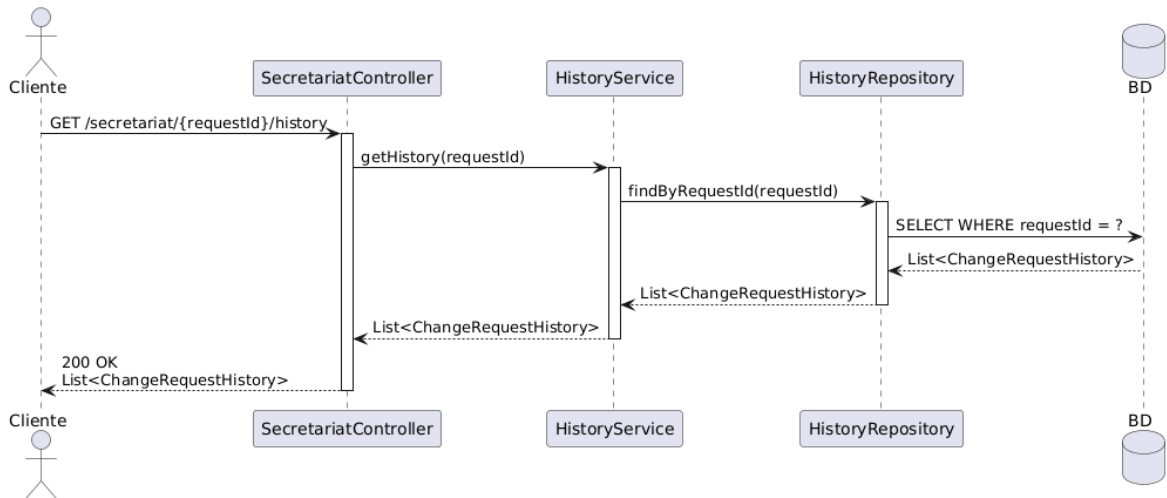
### GET /secretariat/groups/{groupId}/CurrentCapacity - Consultar Capacidad Actual



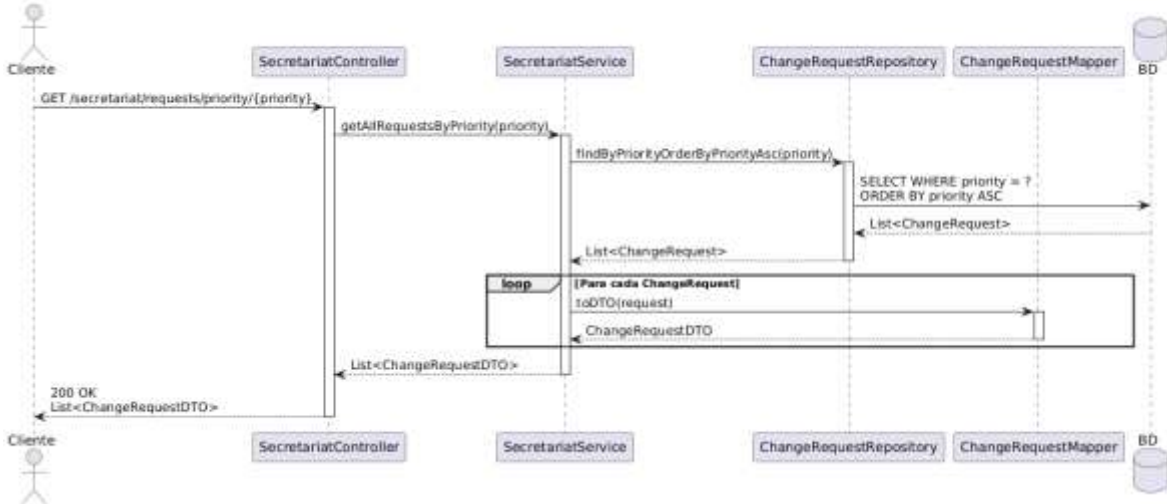
### GET /secretariat/groups/{groupId}/MaxCapacity - Consultar Capacidad Máxima



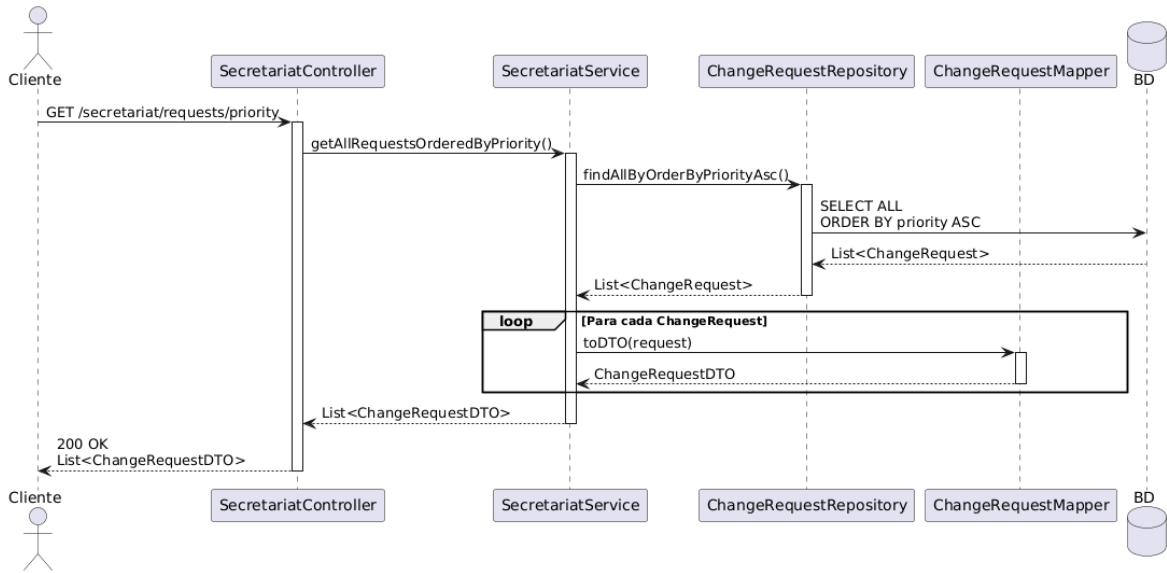
### GET /secretariat/{requestId}/history - Consultar Historial de Solicitud



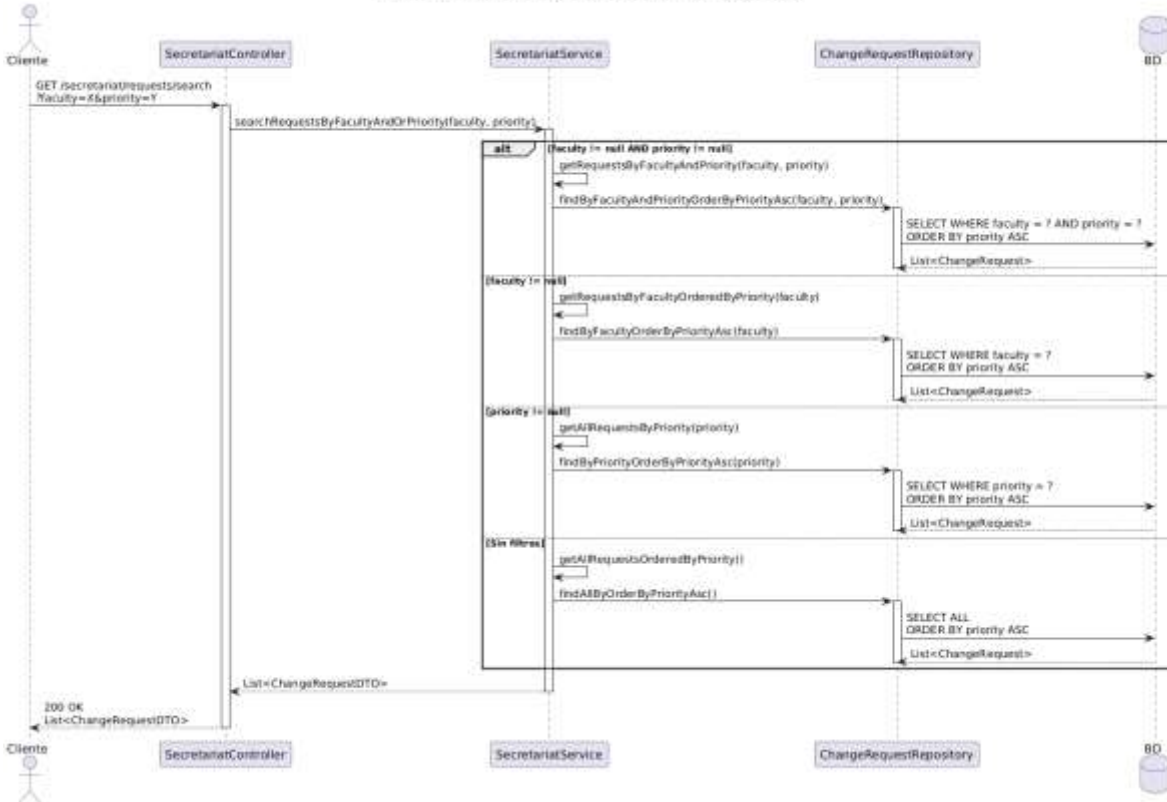
### GET /secretariat/requests/priority/{priority} - Por Prioridad Especifica

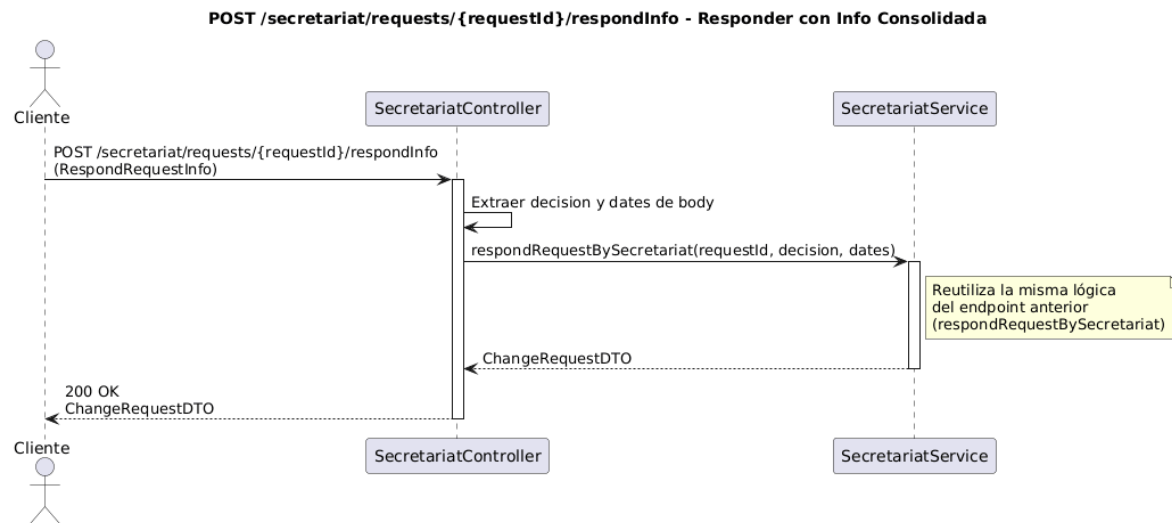
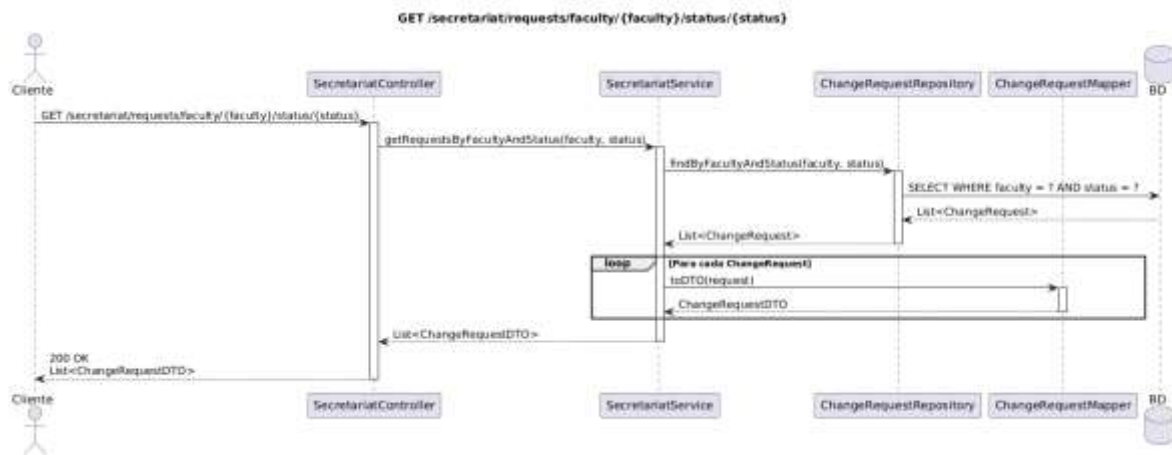
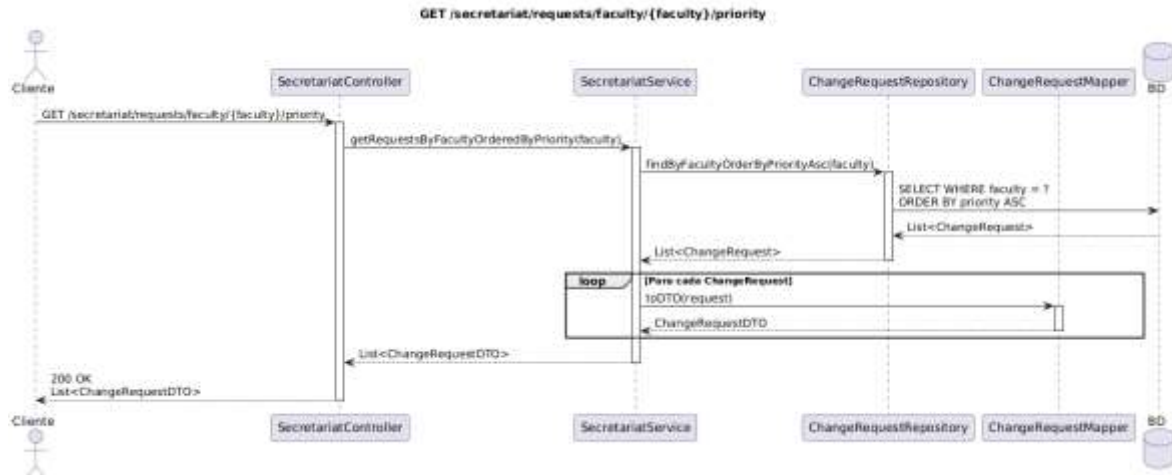


### GET /secretariat/requests/priority - Todas las Solicitudes Ordenadas por Prioridad

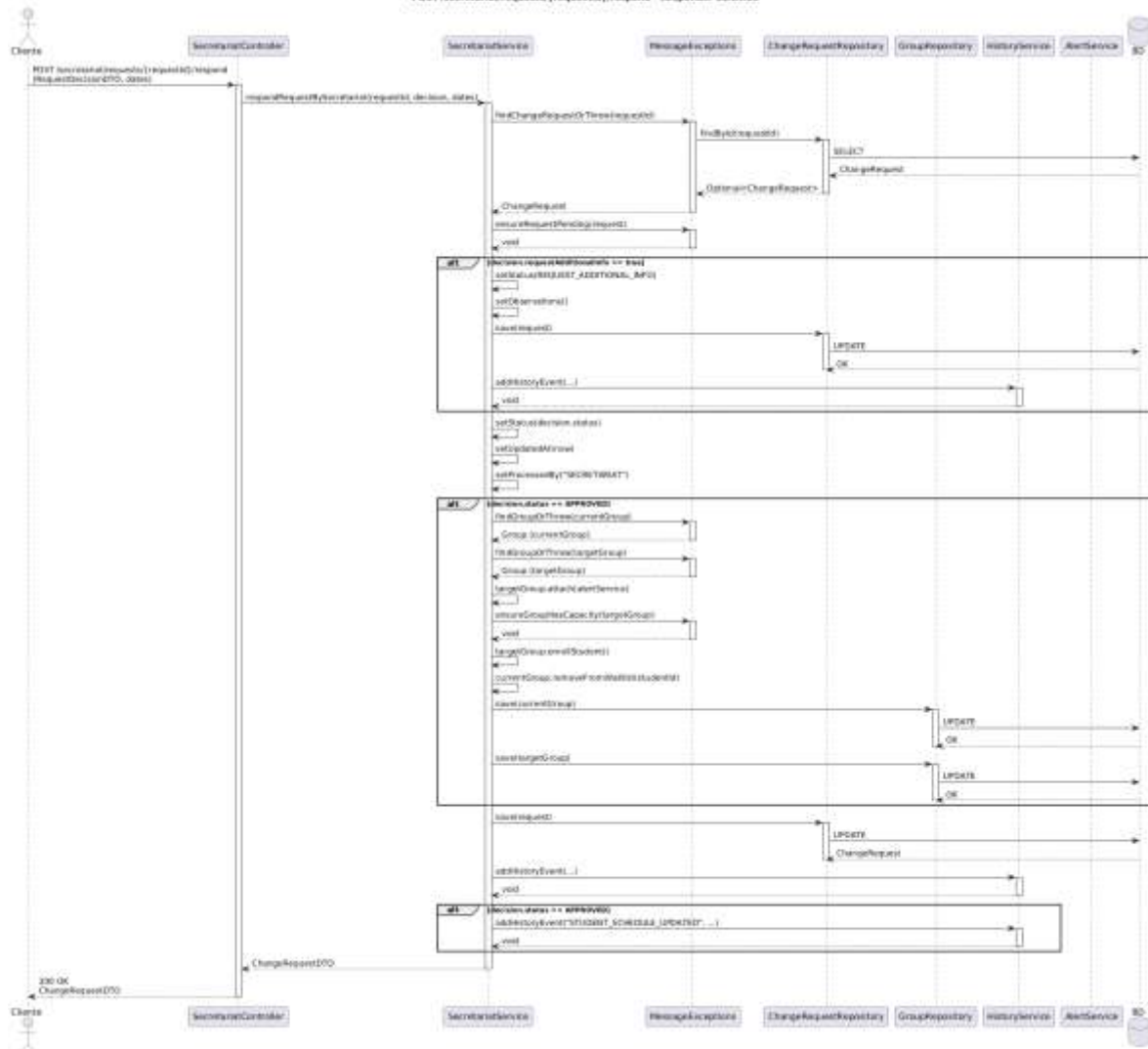


### GET /secretariat/requests/search - Buscar Solicitudes por Filtros

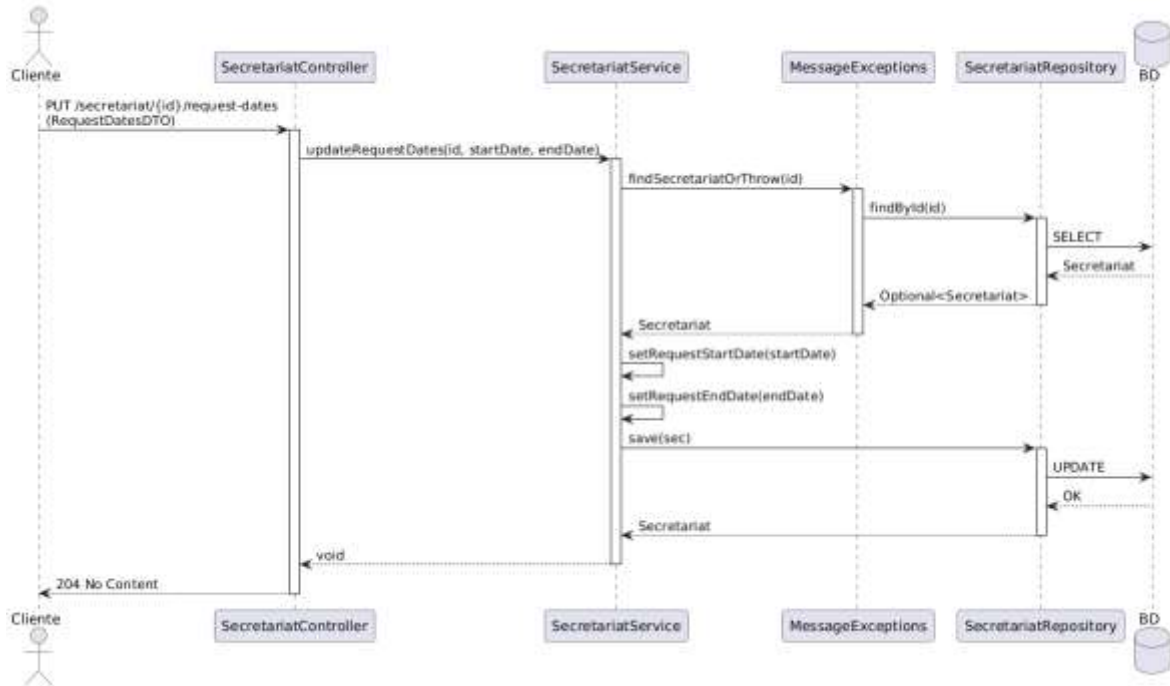




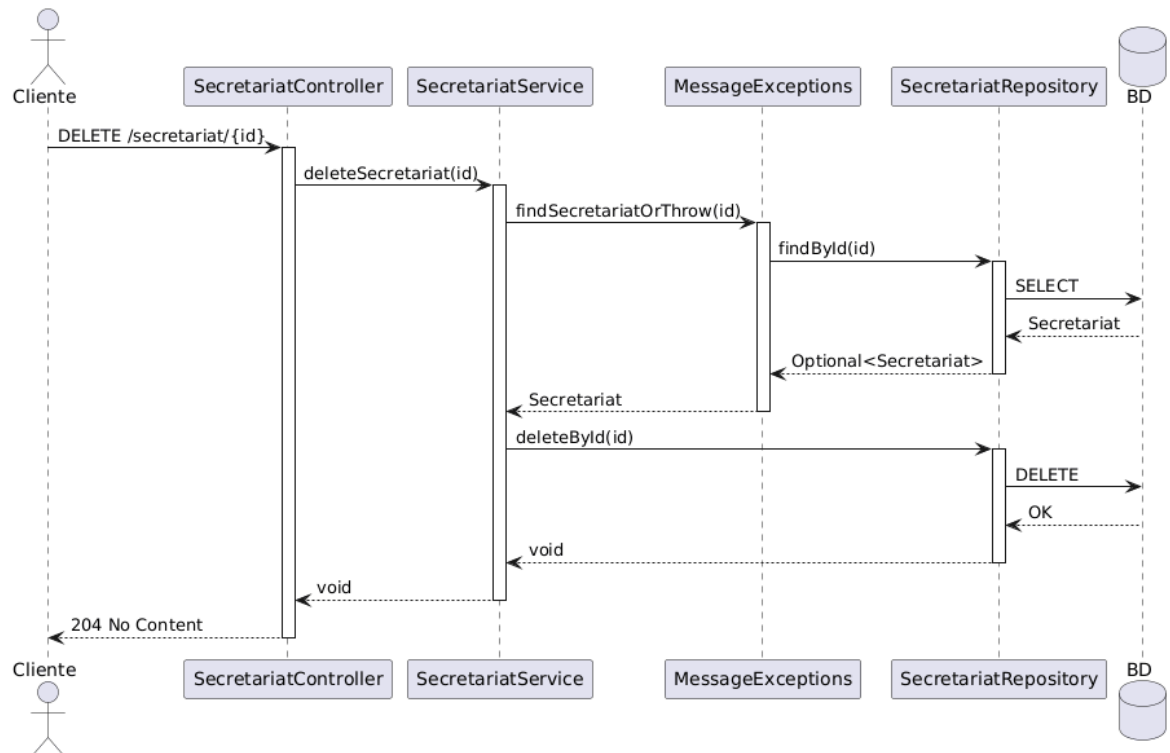
## POST /secretariat/requests/{requestid}/respond - Responder Solicited



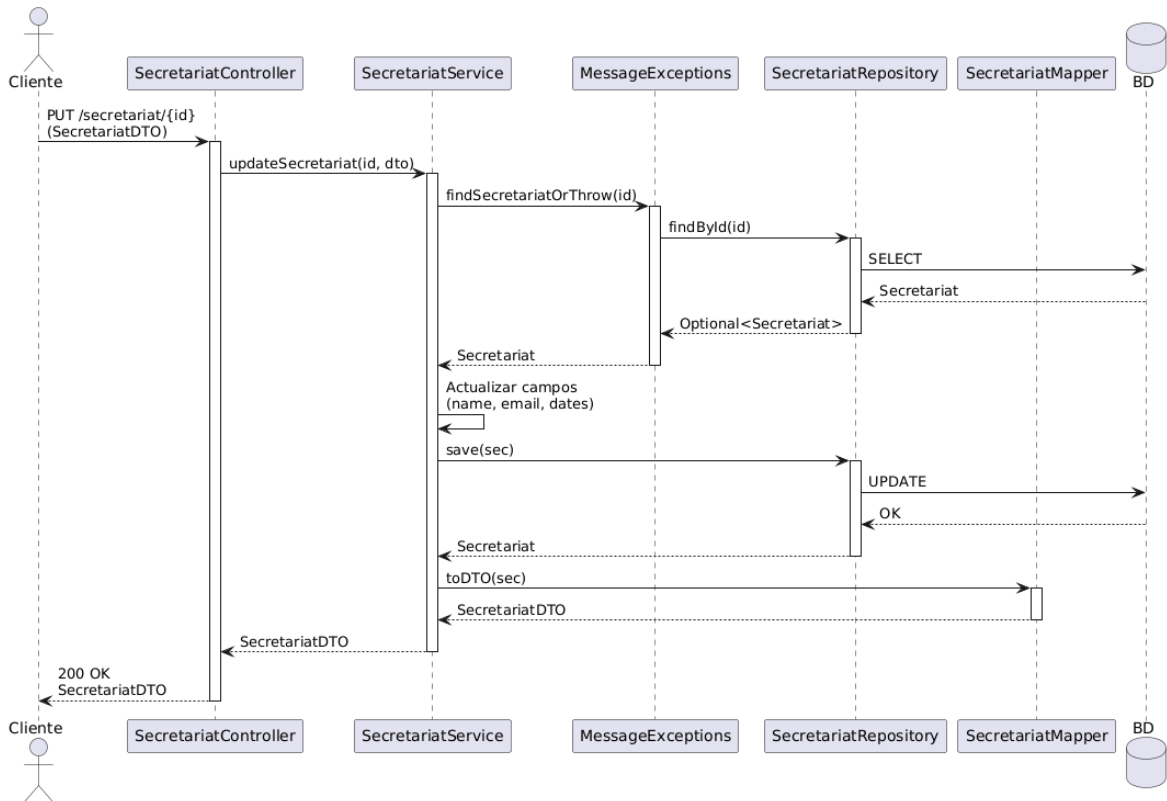
### PUT /secretariat/{id}/request-dates - Actualizar Fechas de Solicitud



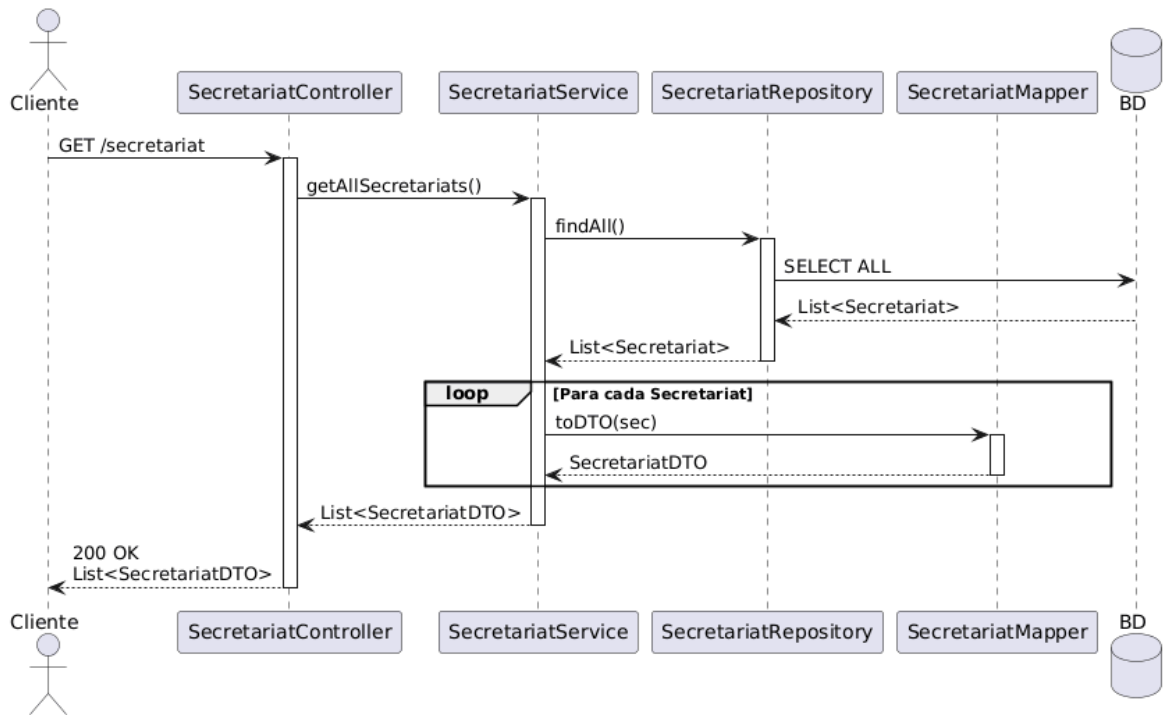
### DELETE /secretariat/{id} - Eliminar Secretaría



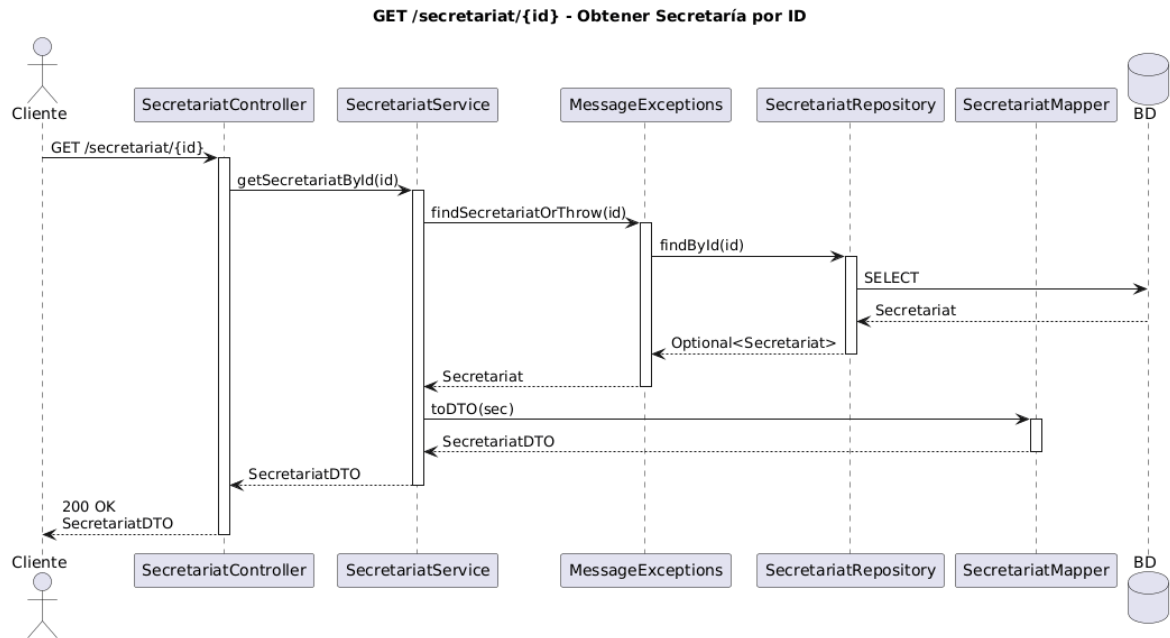
### PUT /secretariat/{id} - Actualizar Secretaria



### GET /secretariat - Listar Todas las Secretarías

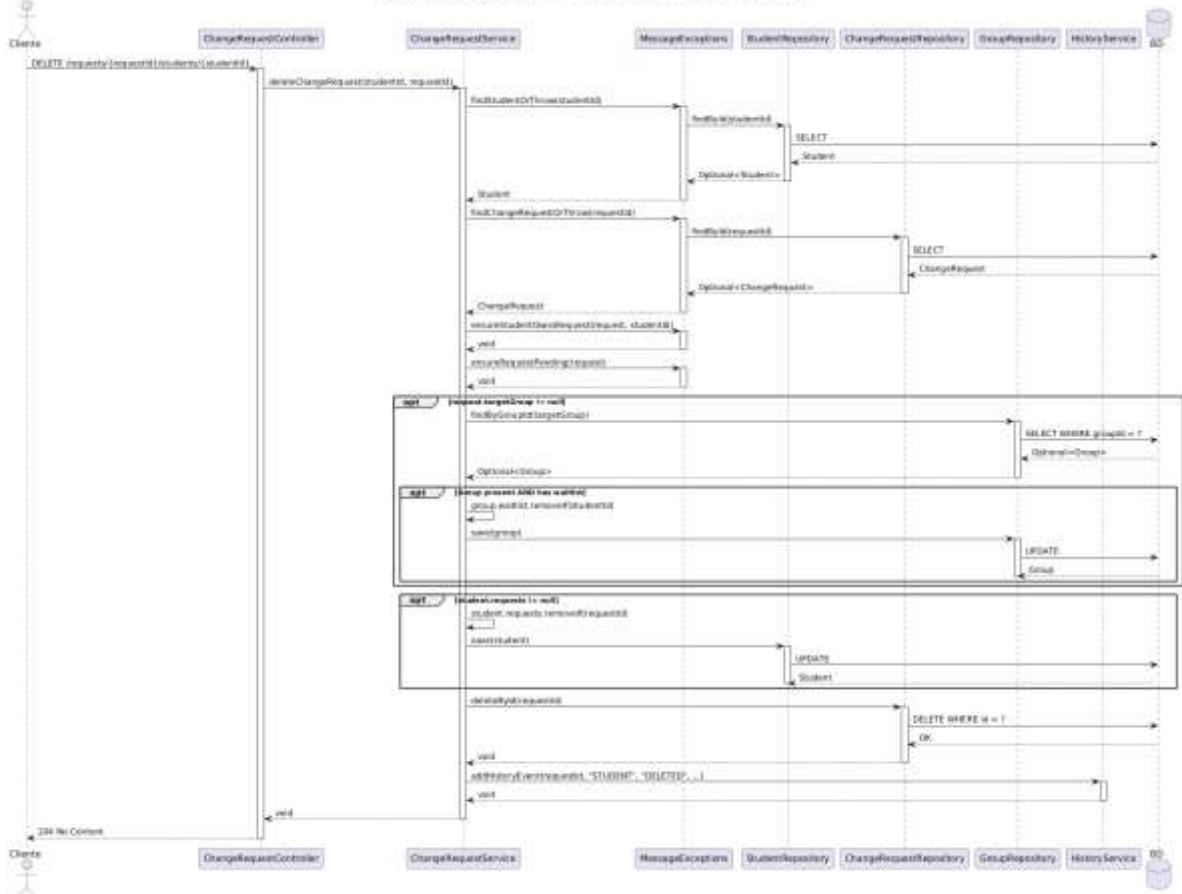


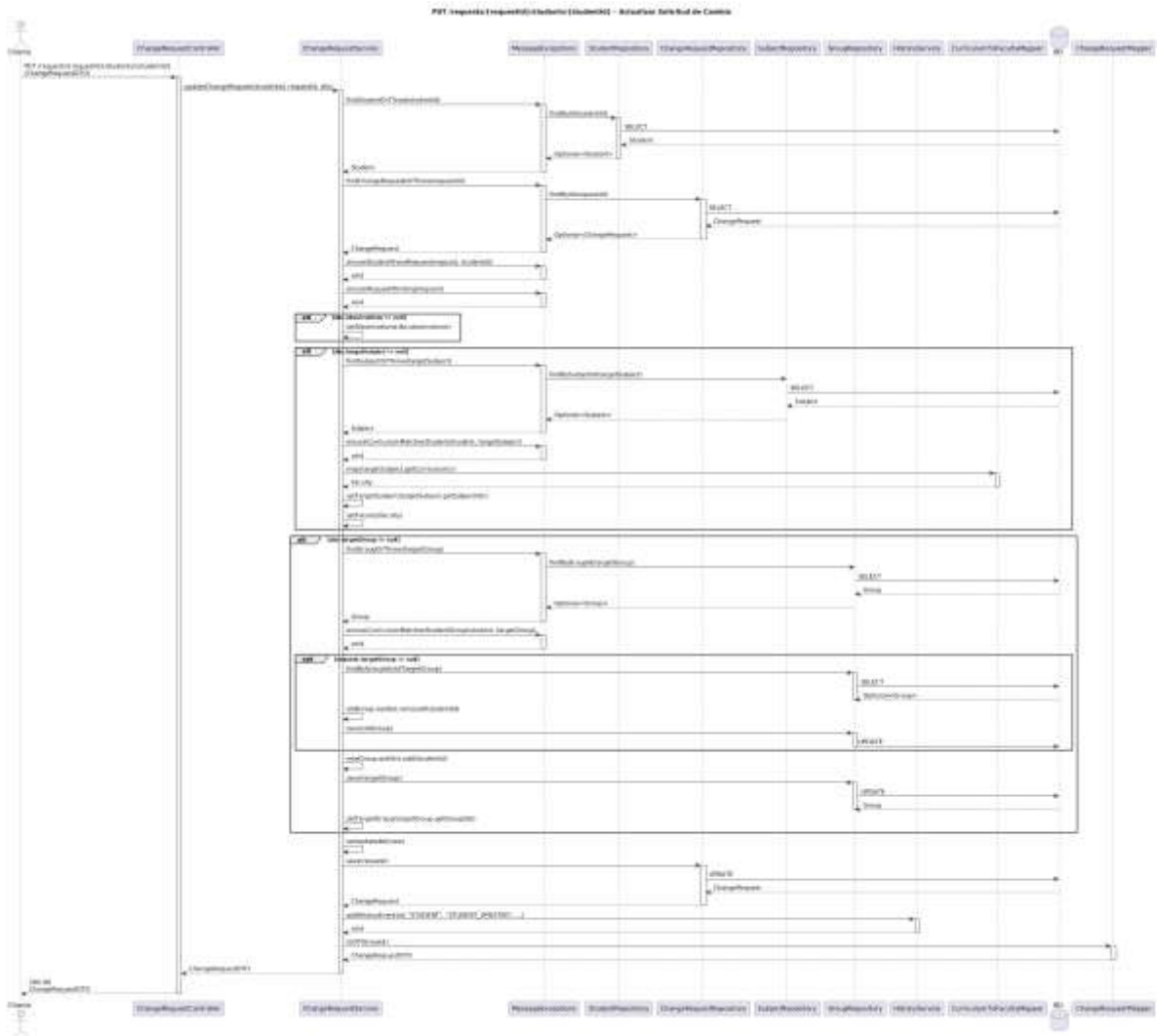




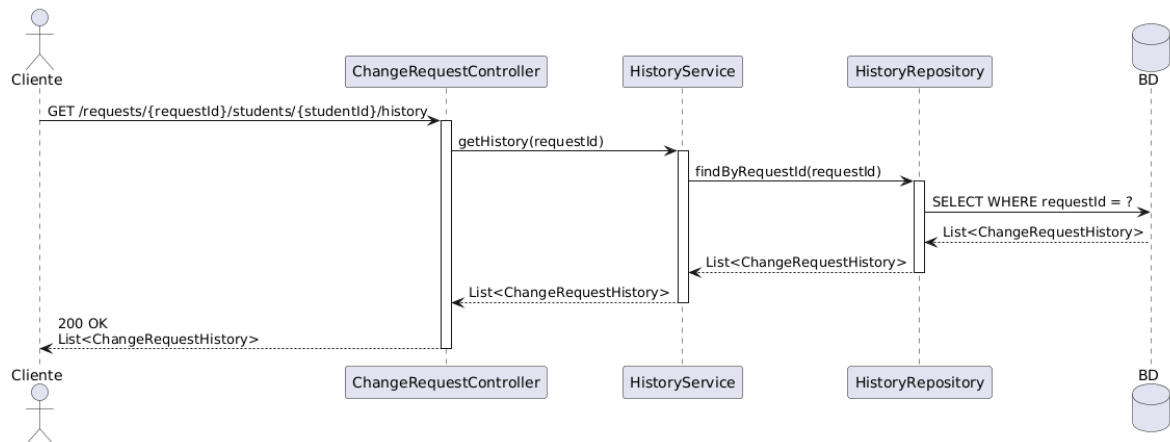
**change-request-controller**

# DELETE requests(requestId)/students(studentId) - Eliminar Solicitud de Cambio

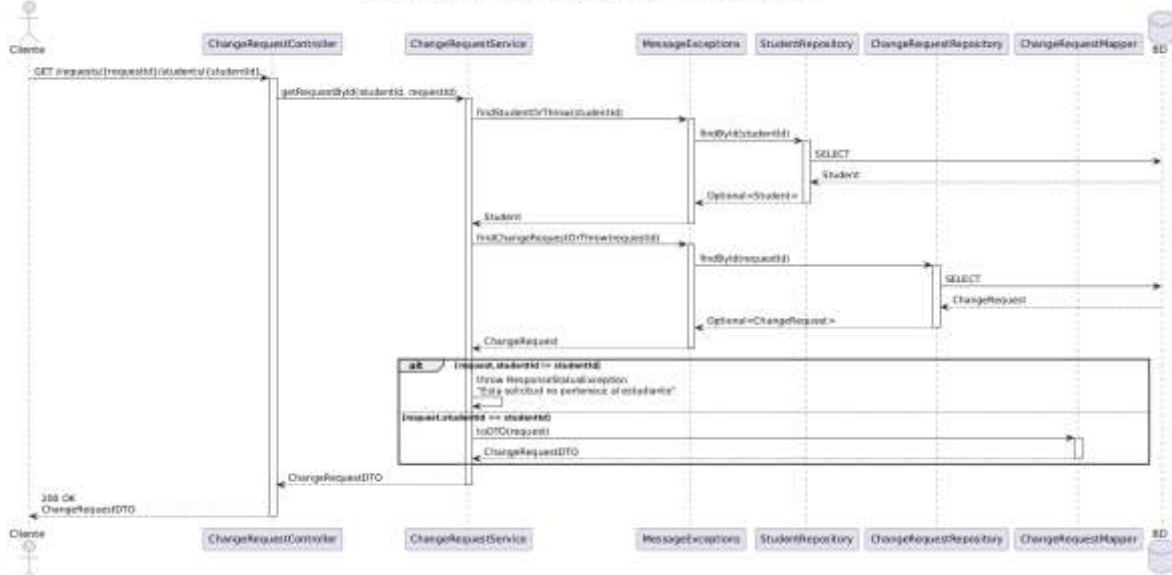




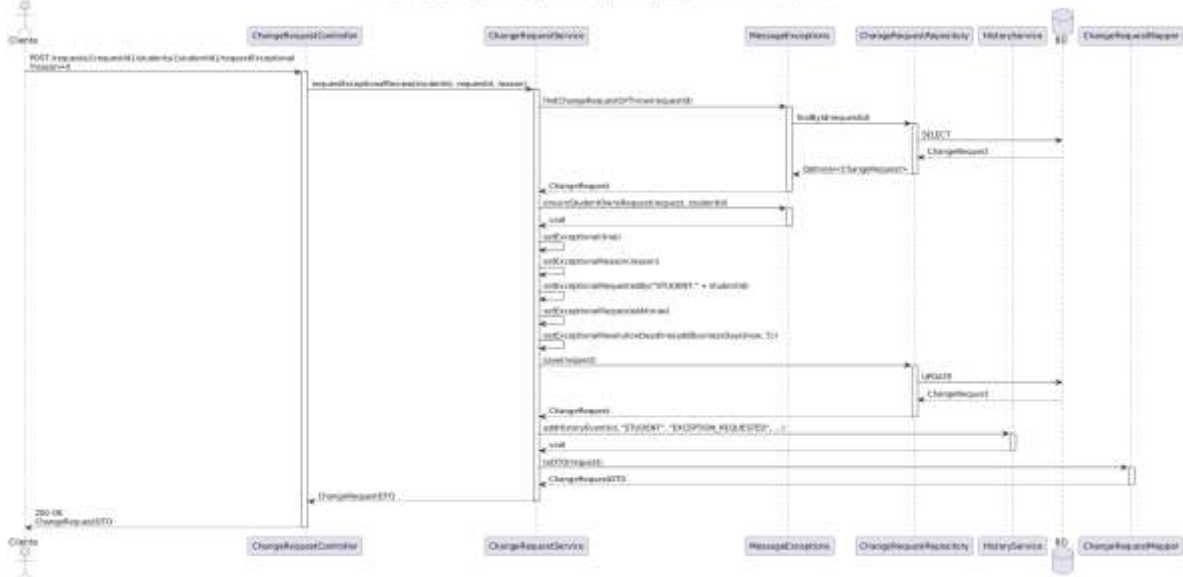
### GET /requests/{requestId}/students/{studentId}/history - Consultar Historial



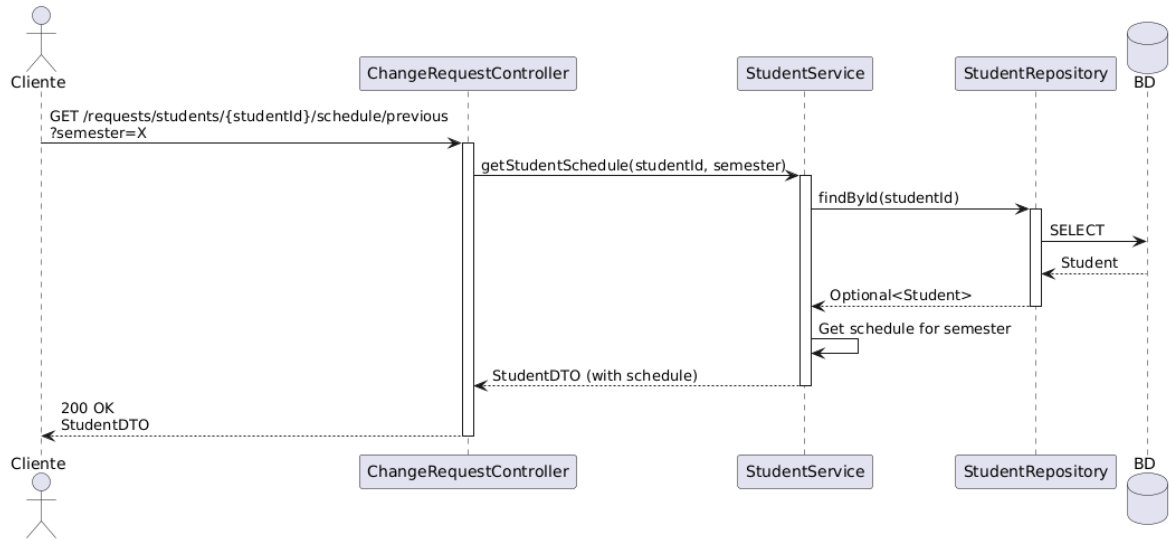
# GET /requests/{requestId}/students/{studentId} - Consultar Solicitud Especifica



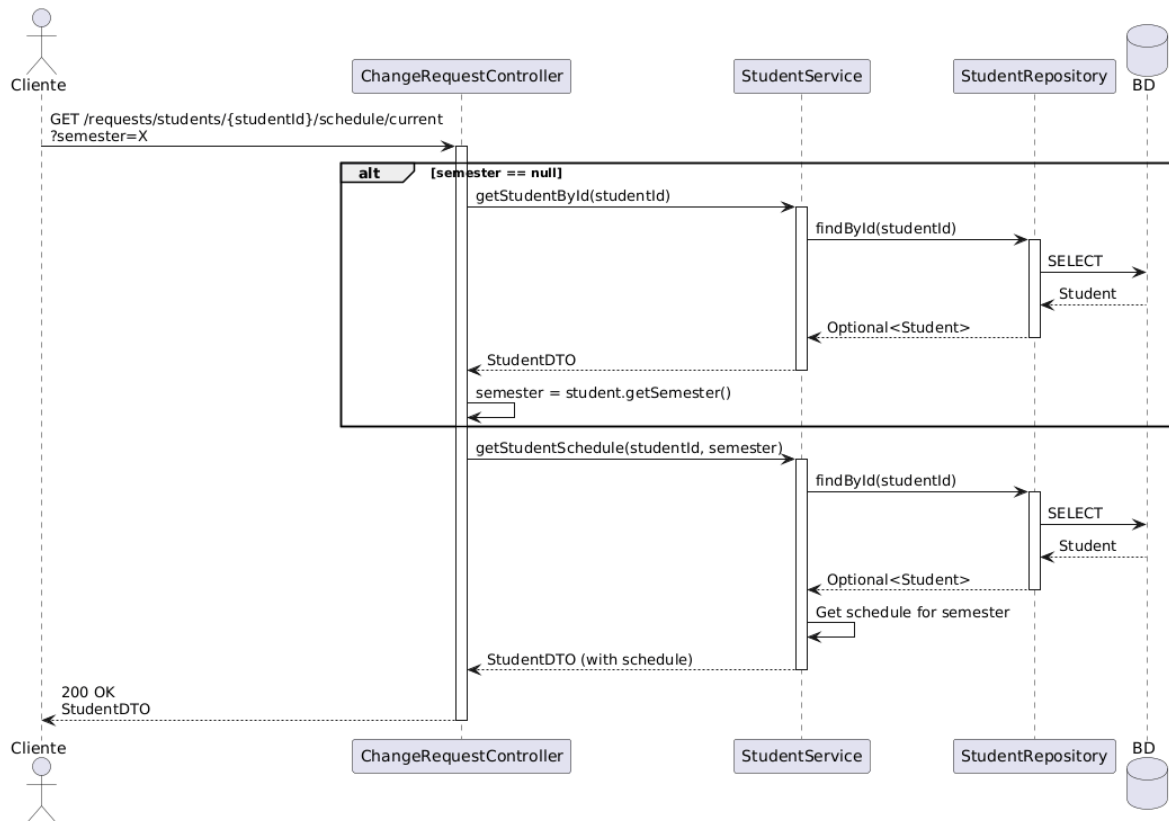
# POST /requests/{requestId}/students/{studentId}/requestException - Registrar Excepción



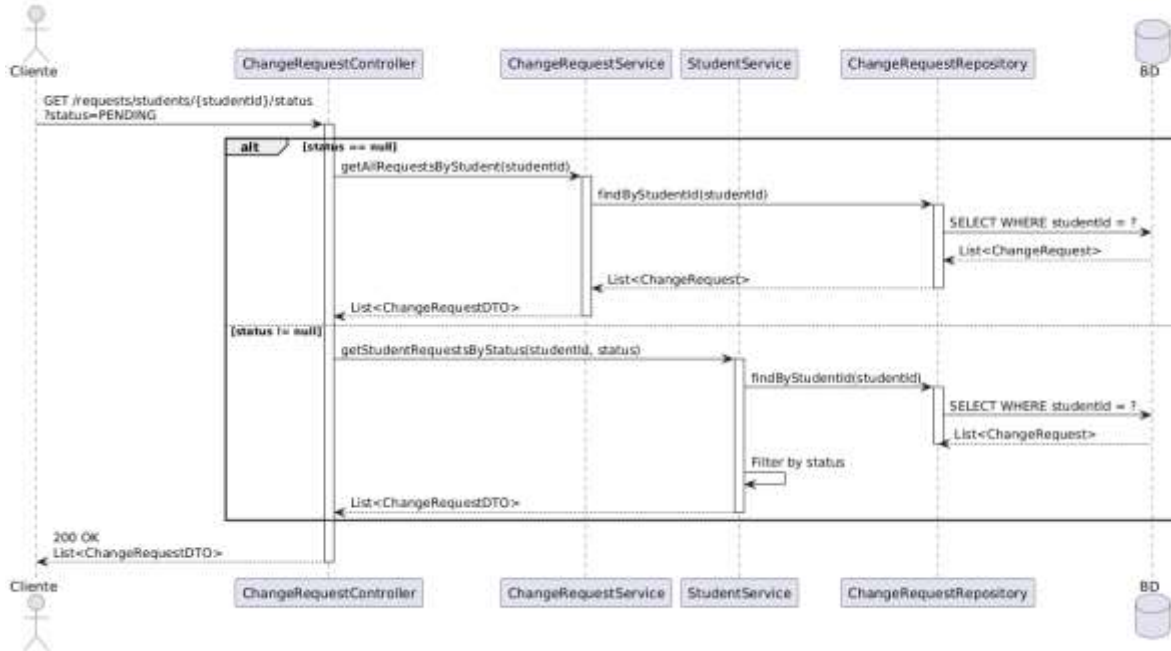
### GET /requests/students/{studentId}/schedule/previous - Obtener Horario Anterior



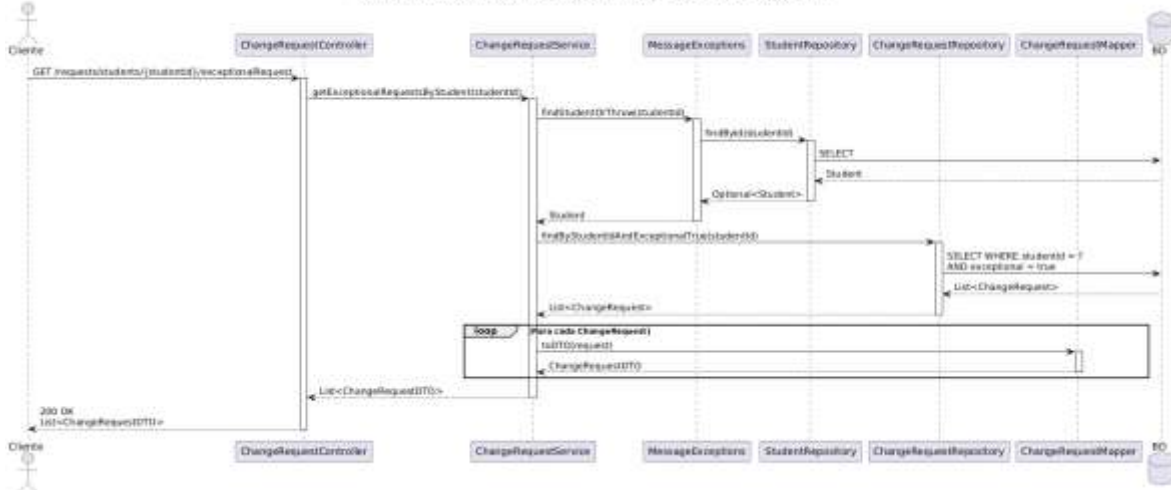
### GET /requests/students/{studentId}/schedule/current - Obtener Horario Actual



### GET /requests/students/{studentId}/status - Filtrar Solicitudes por Estado

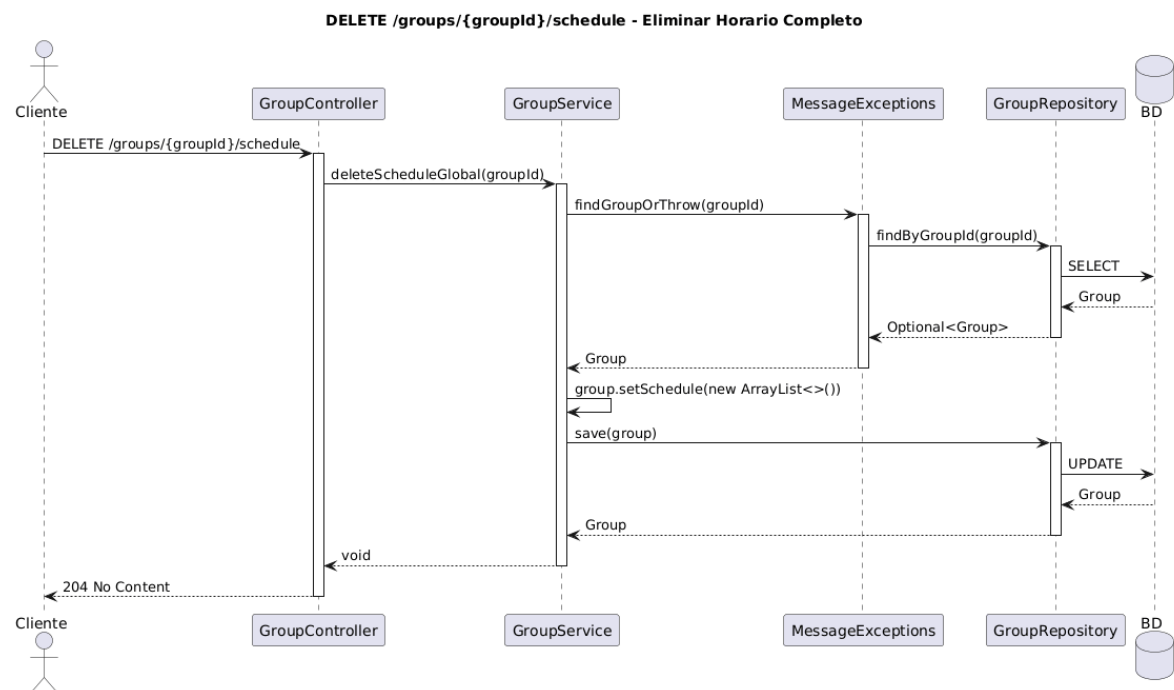
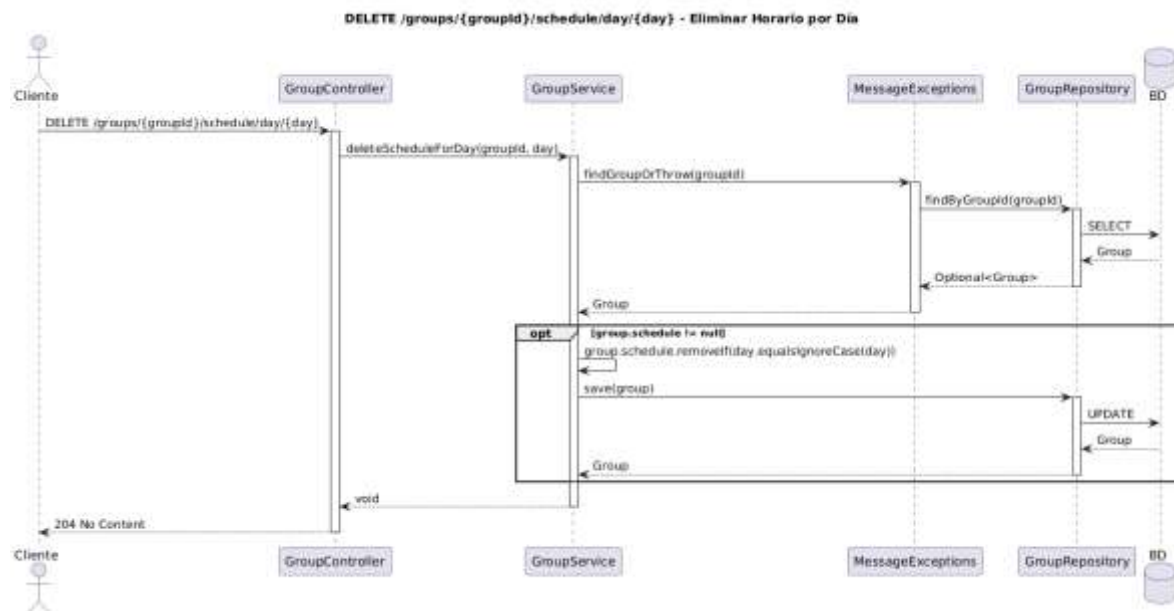


### GET /requests/students/{studentId}/exceptionalRequest - Solicitudes Excepcionales



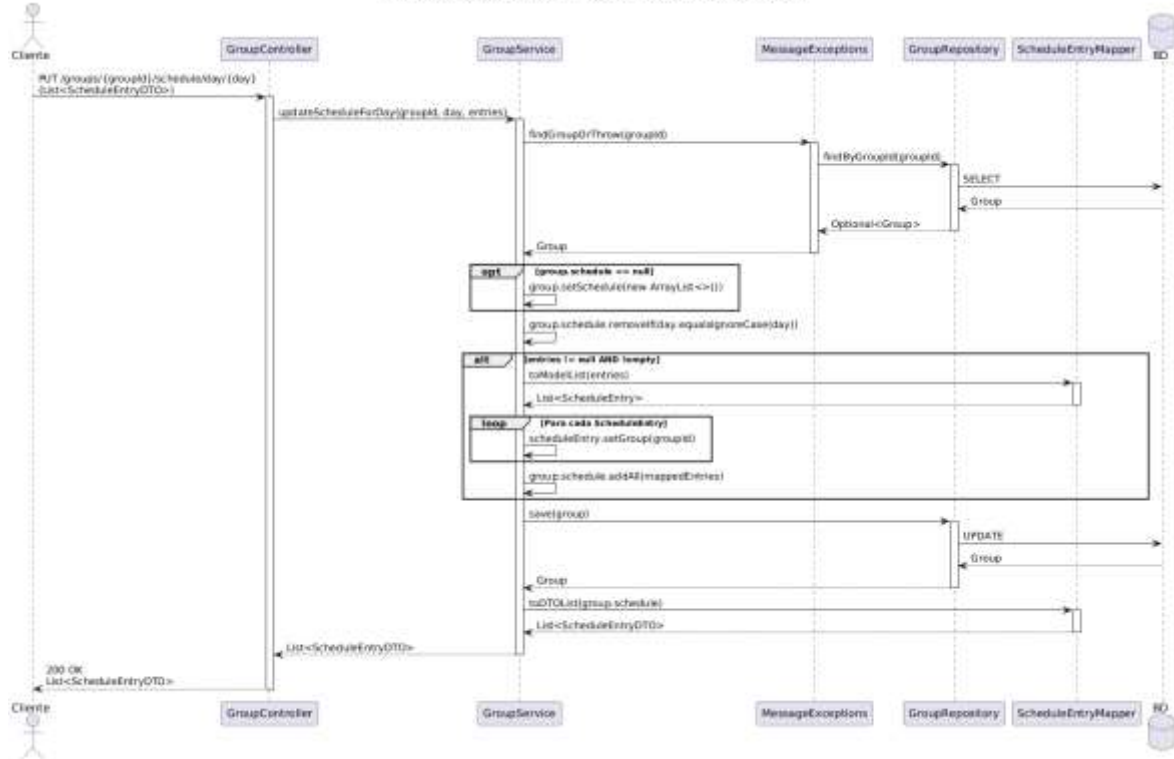


## group-controller

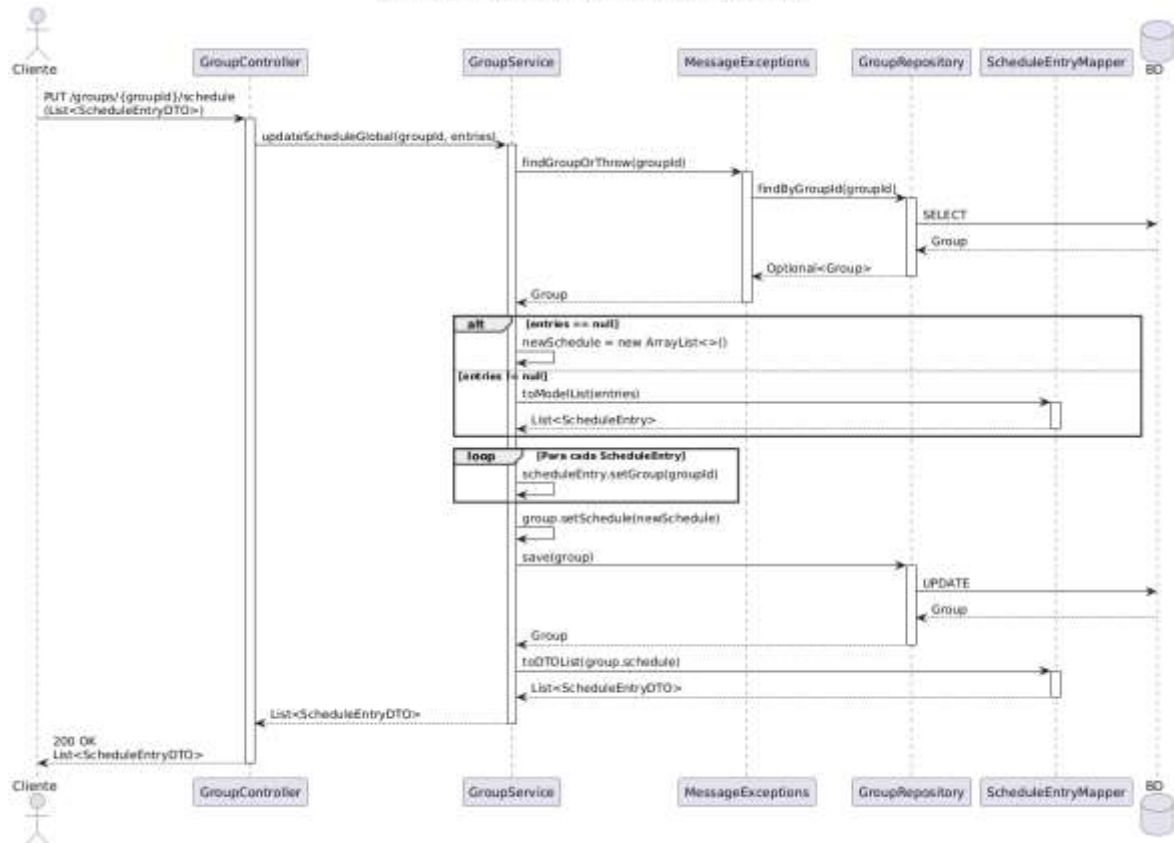


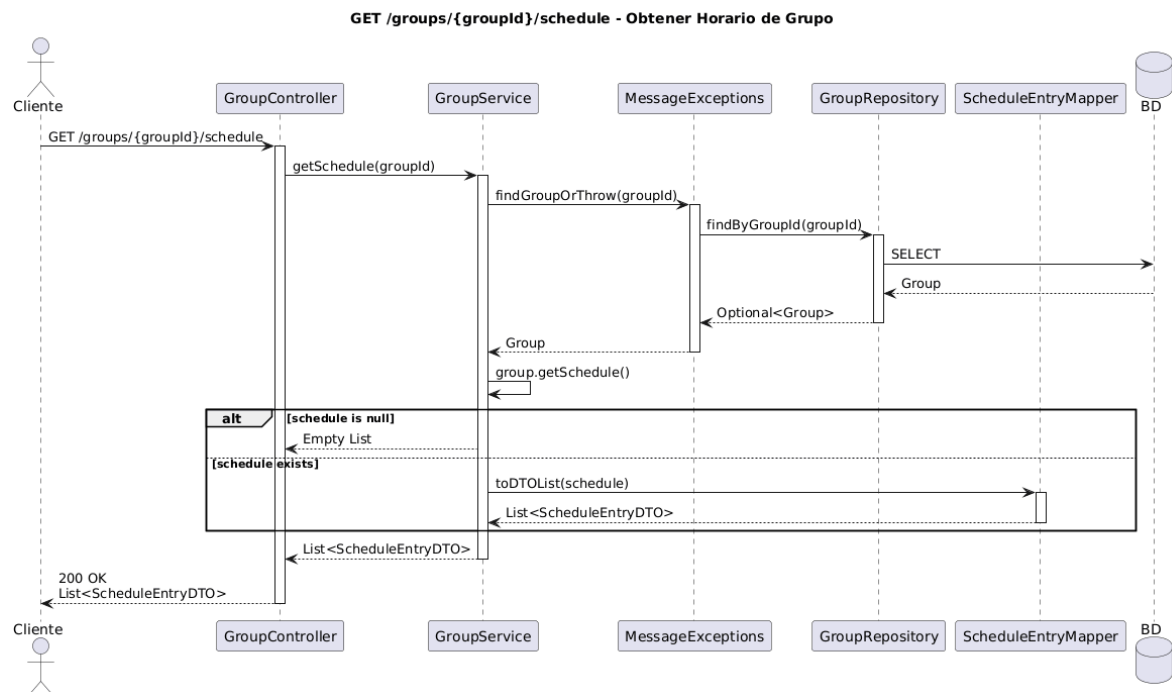
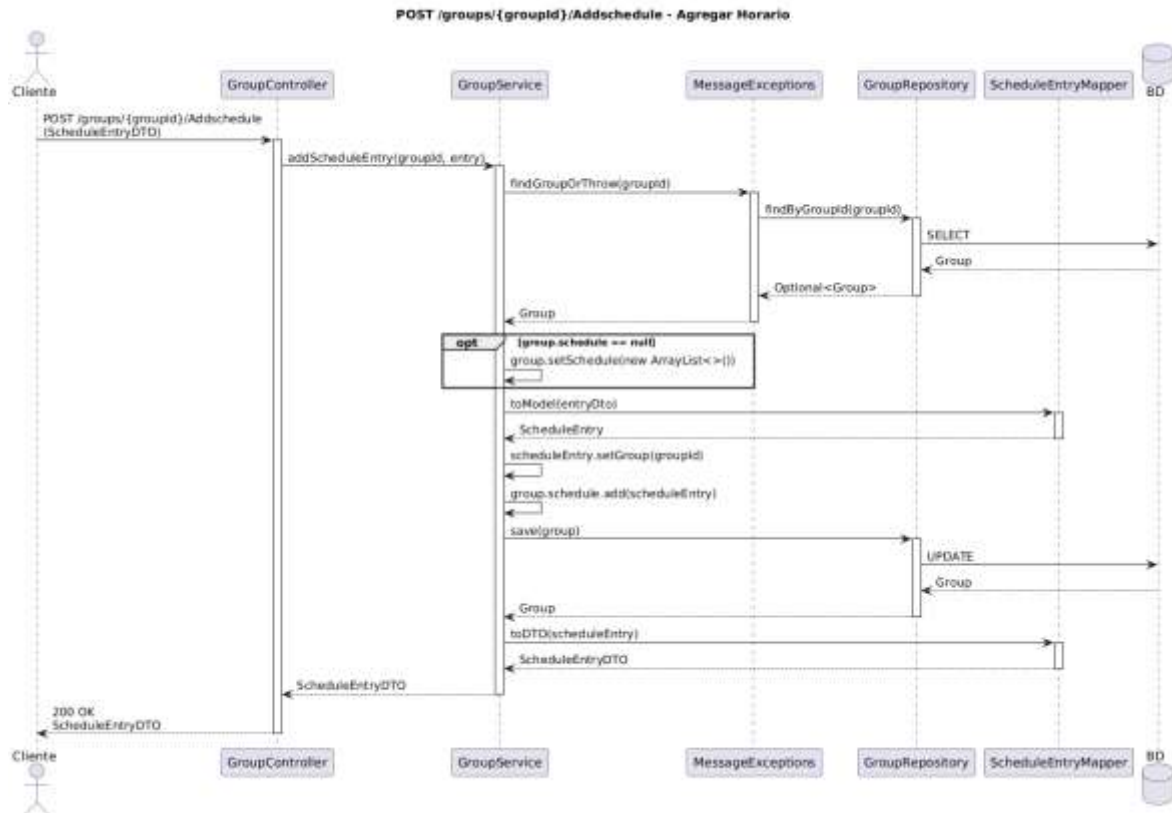


# PUT /groups/{groupid}/schedule/day/{day} - Actualizar Horario por Dia

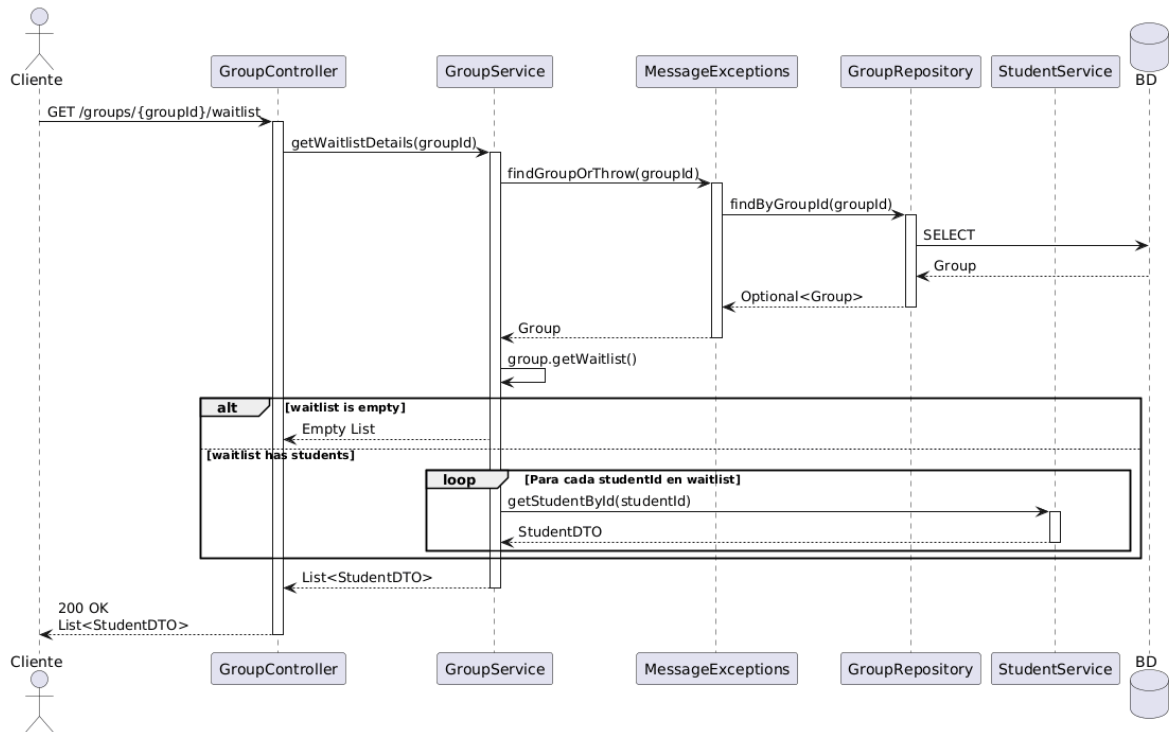


# PUT /groups/{groupid}/schedule - Actualizar Horario Global

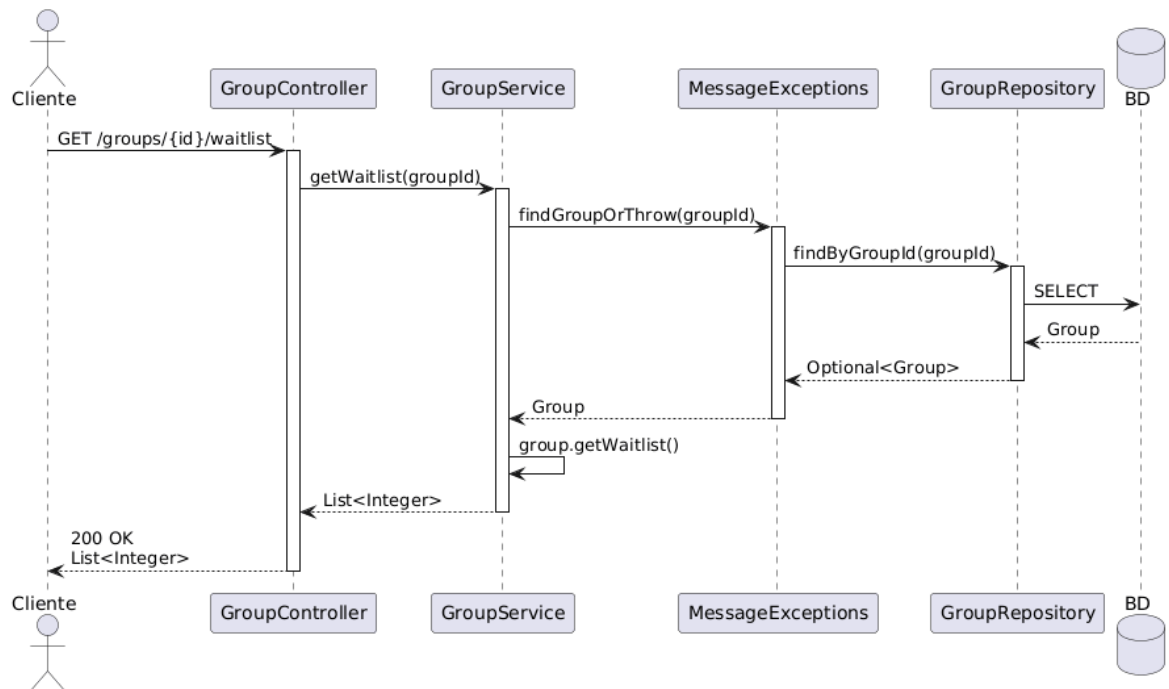




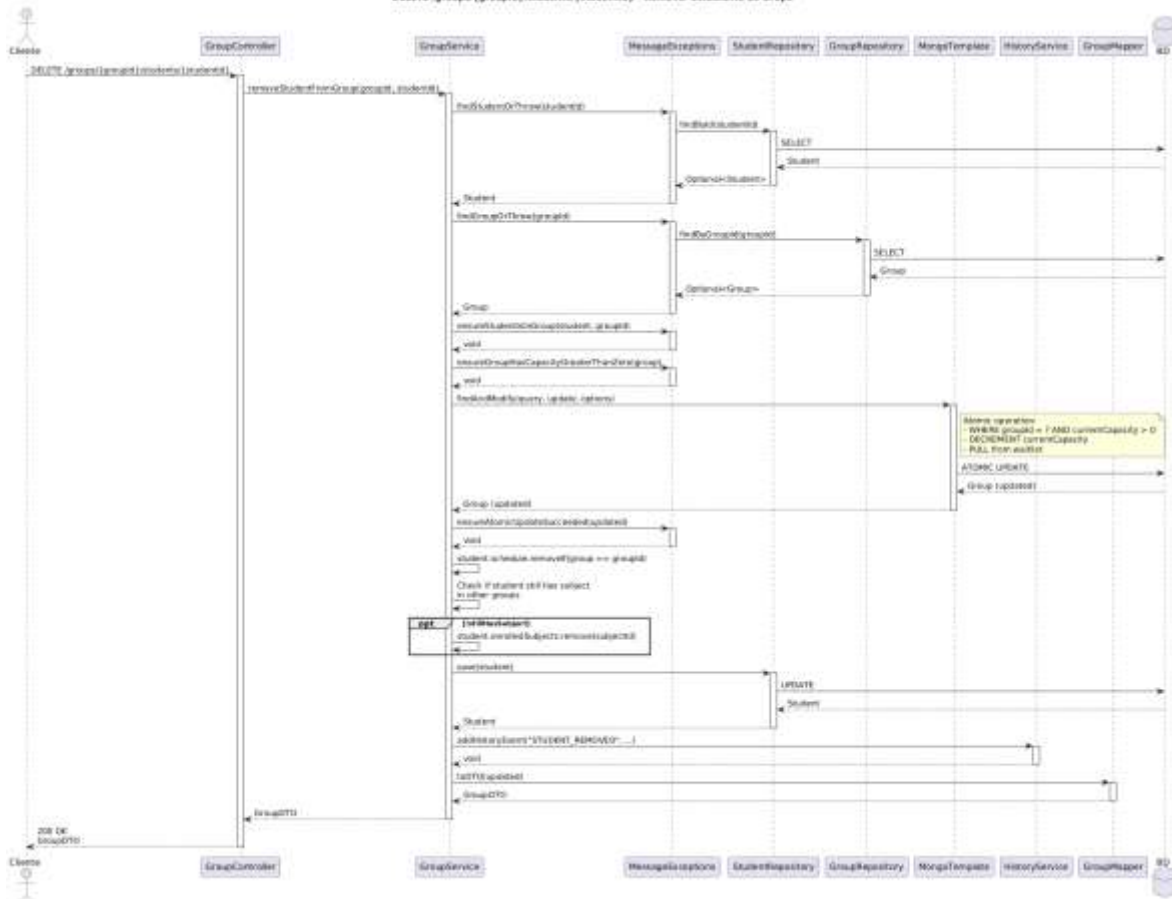
### GET /groups/{groupid}/waitlist - Obtener Lista de Espera Detallada



### GET /groups/{id}/waitlist - Obtener Lista de Espera

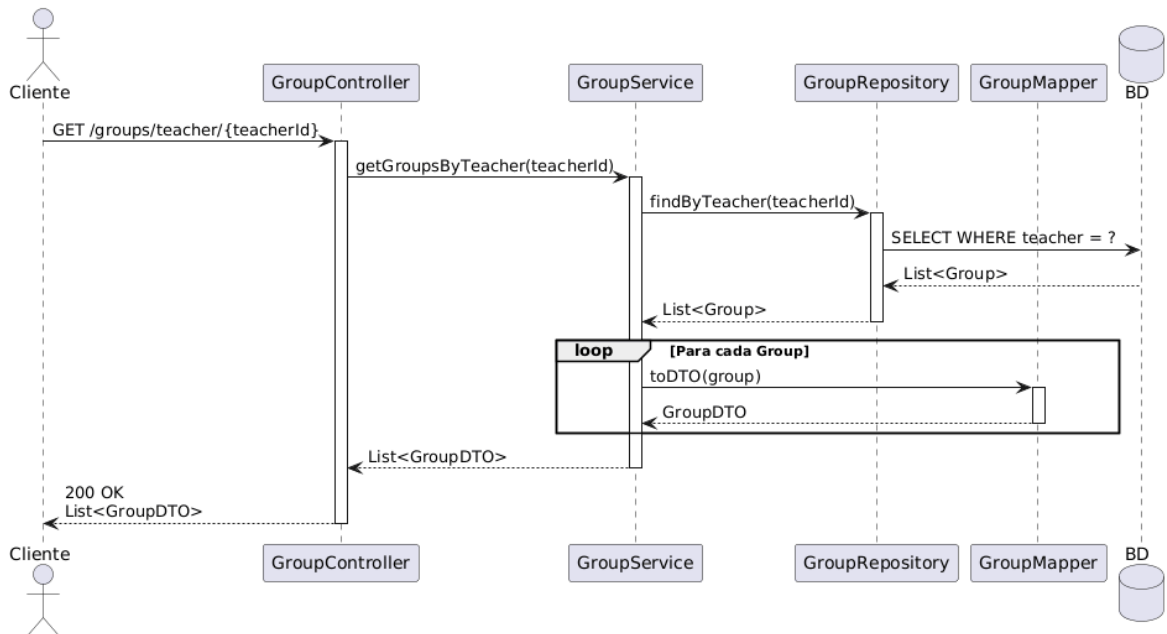


# DELETE /groups/{groupId}/students/{studentId} - Remove Estudante do Grupo

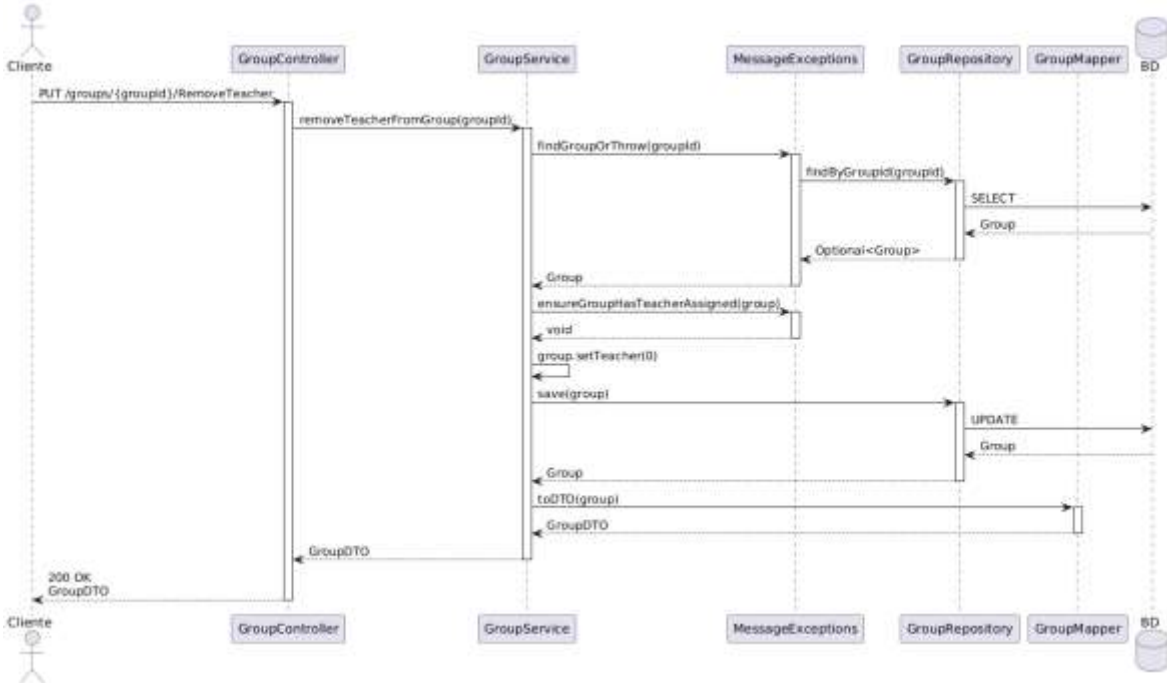


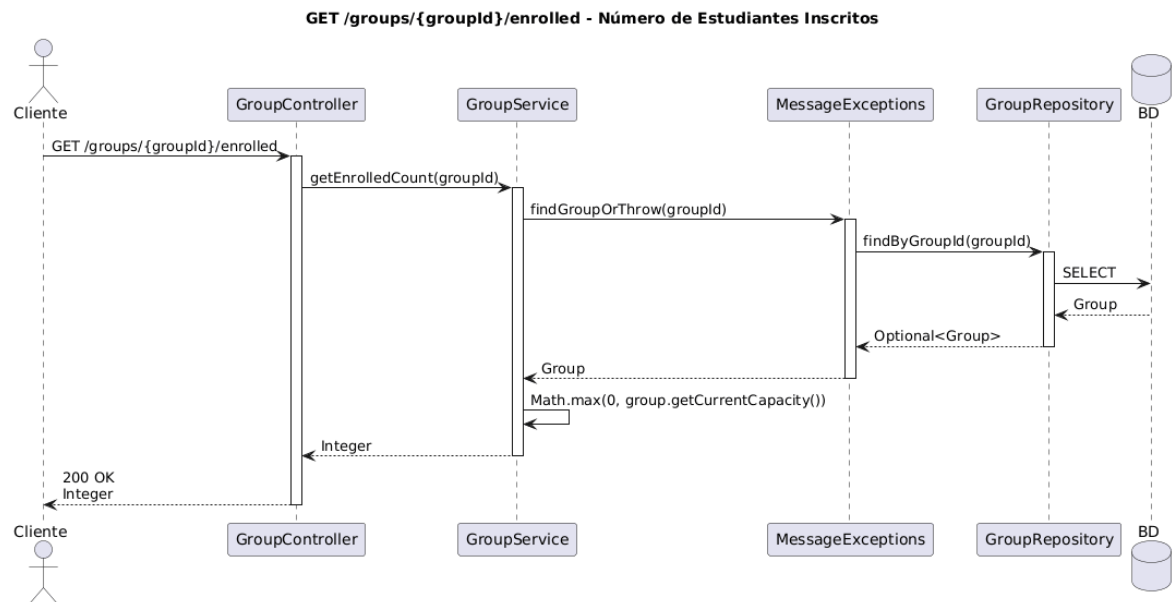
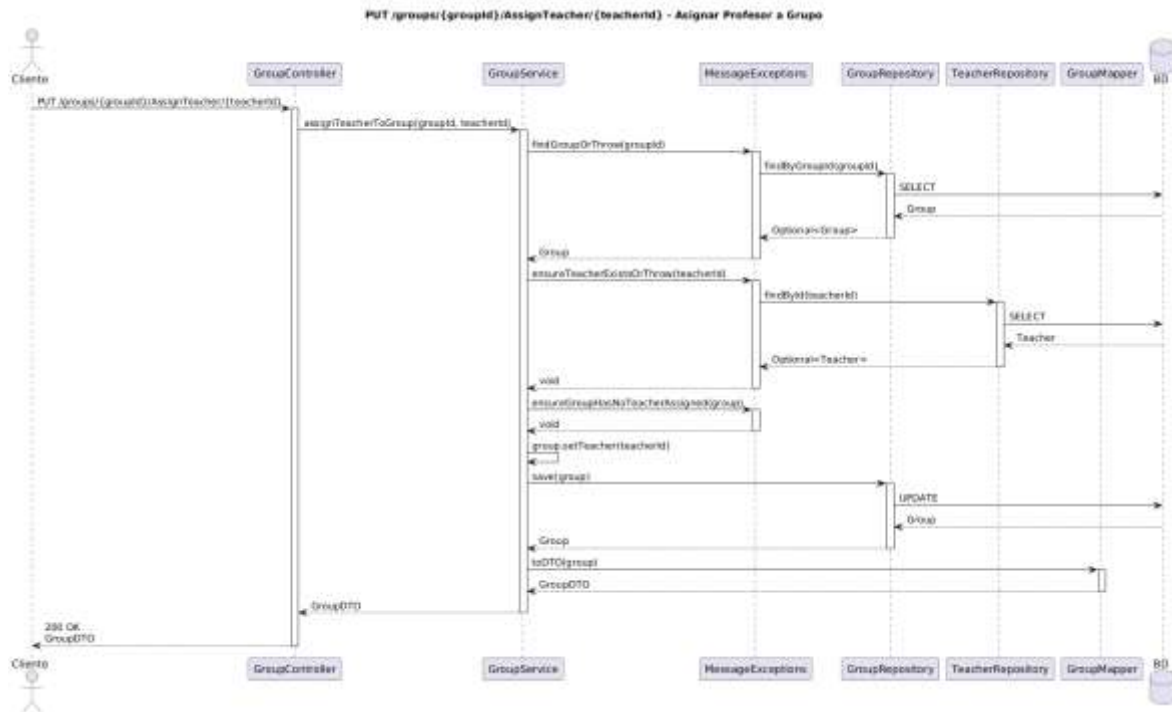


### GET /groups/teacher/{teacherId} - Obtener Grupos por Profesor

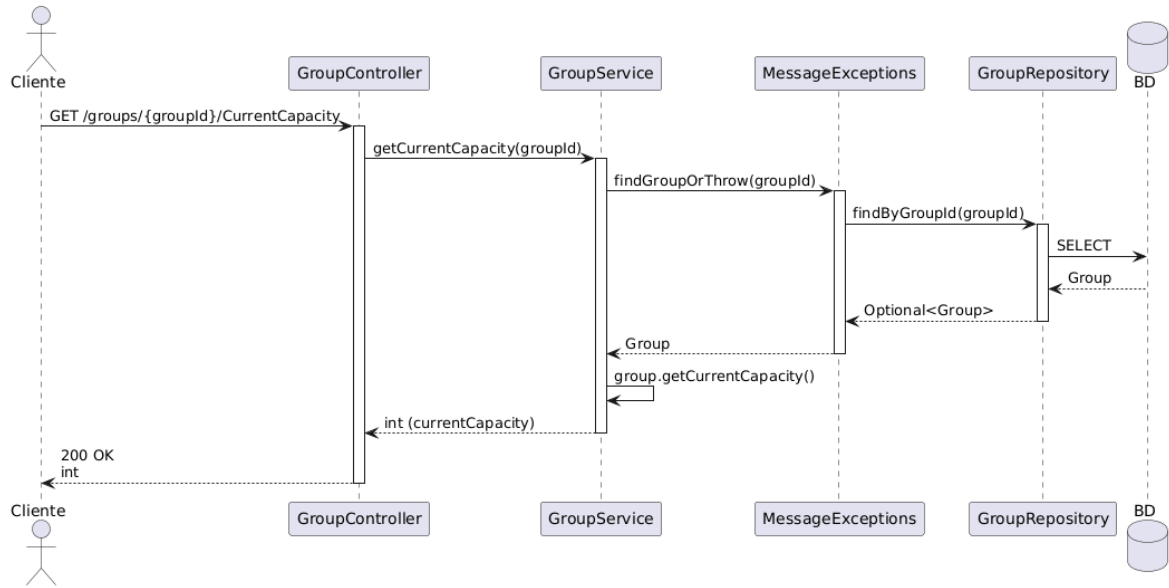


### PUT /groups/{groupId}/RemoveTeacher - Remover Profesor de Grupo

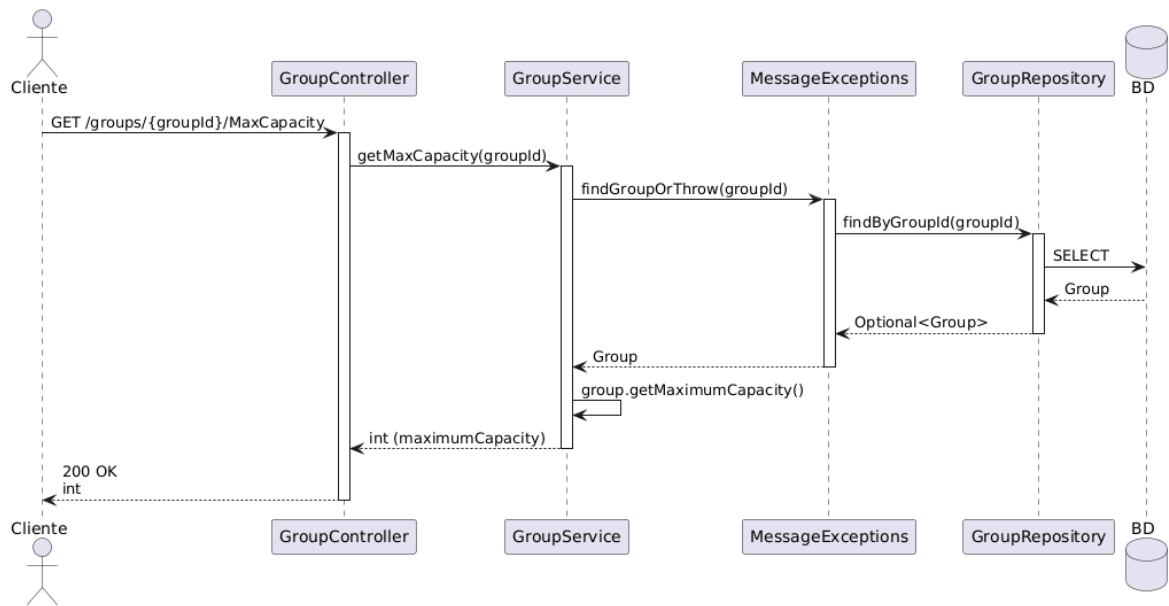




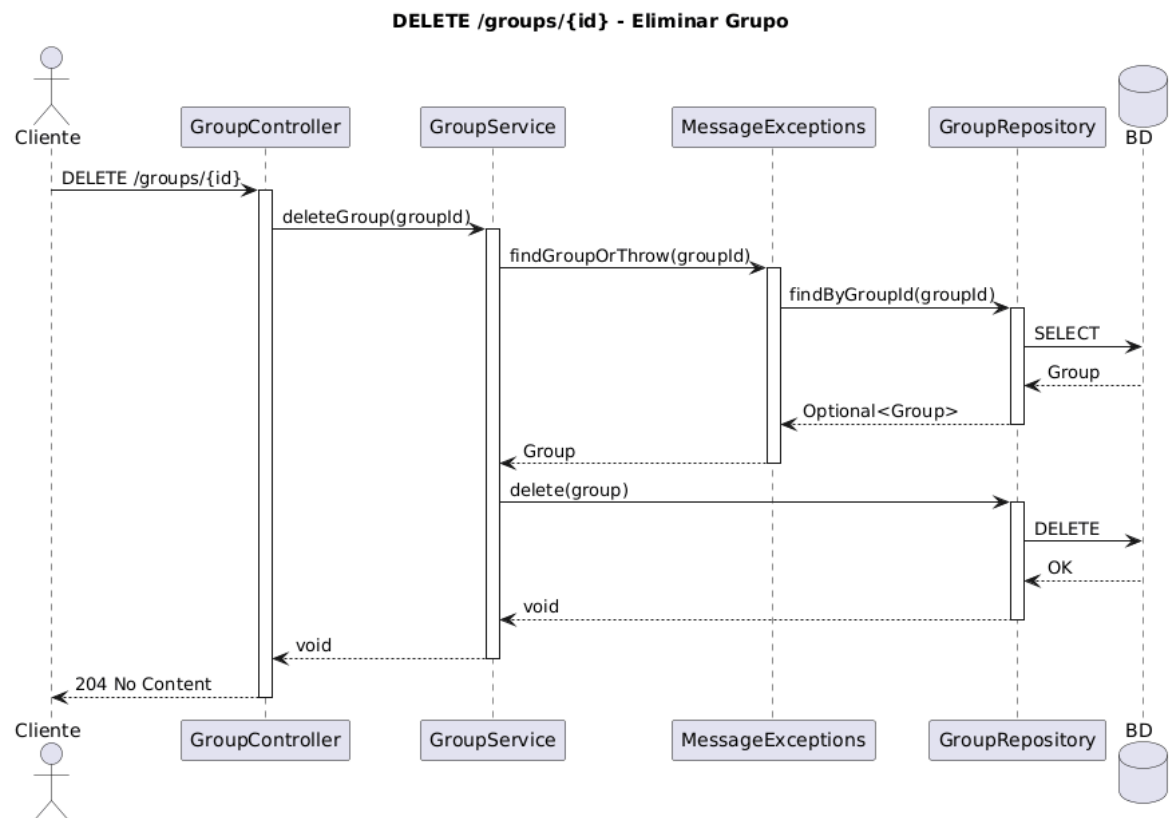
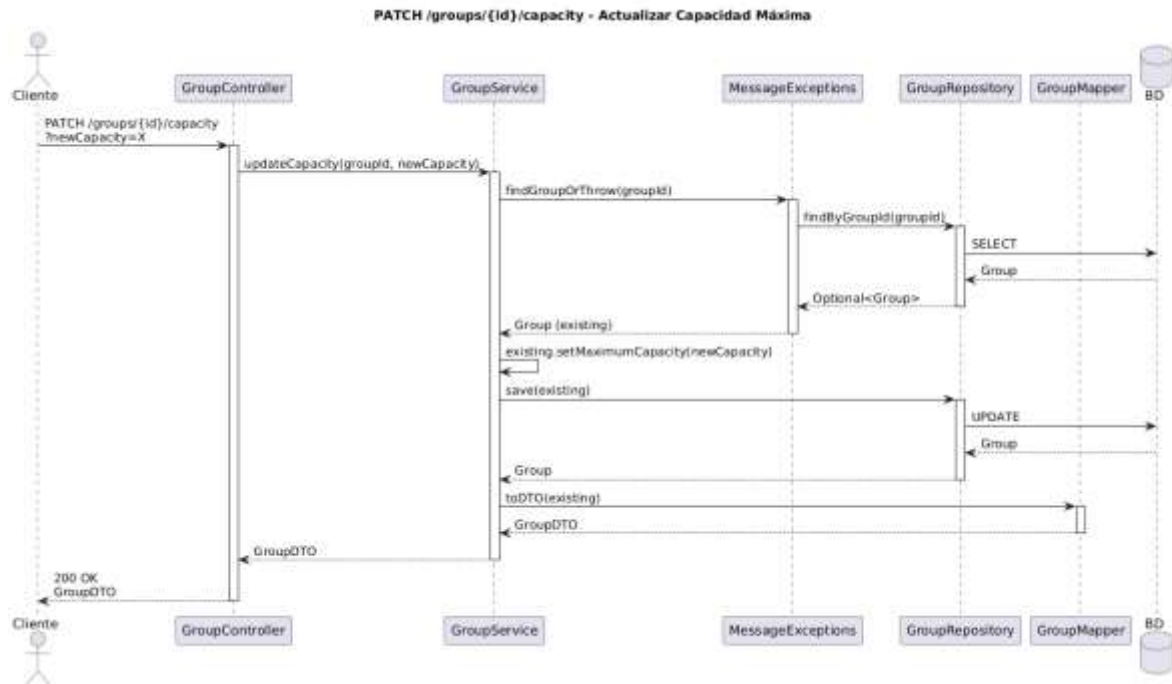
### GET /groups/{groupId}/CurrentCapacity - Consultar Capacidad Actual



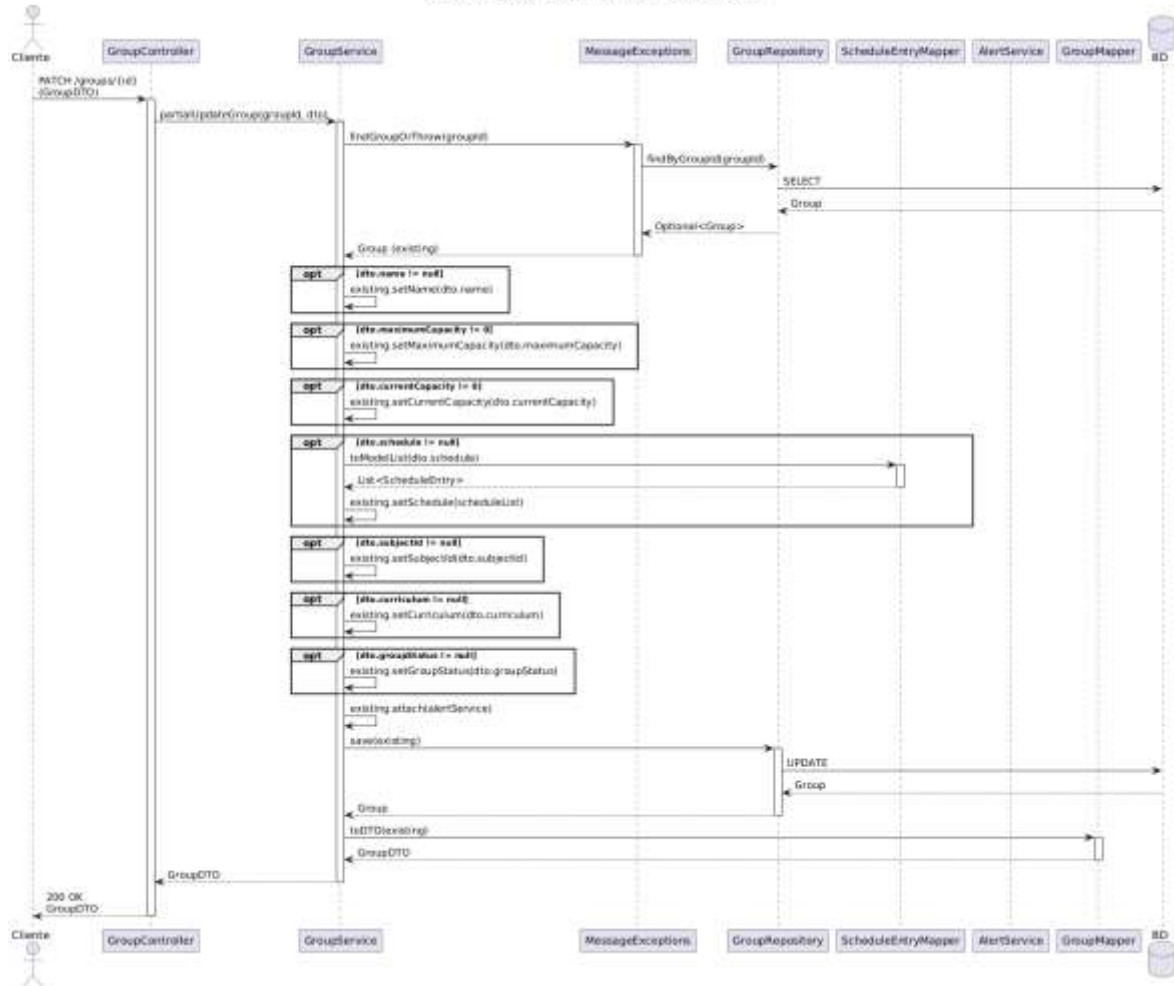
### GET /groups/{groupId}/MaxCapacity - Consultar Capacidad Máxima



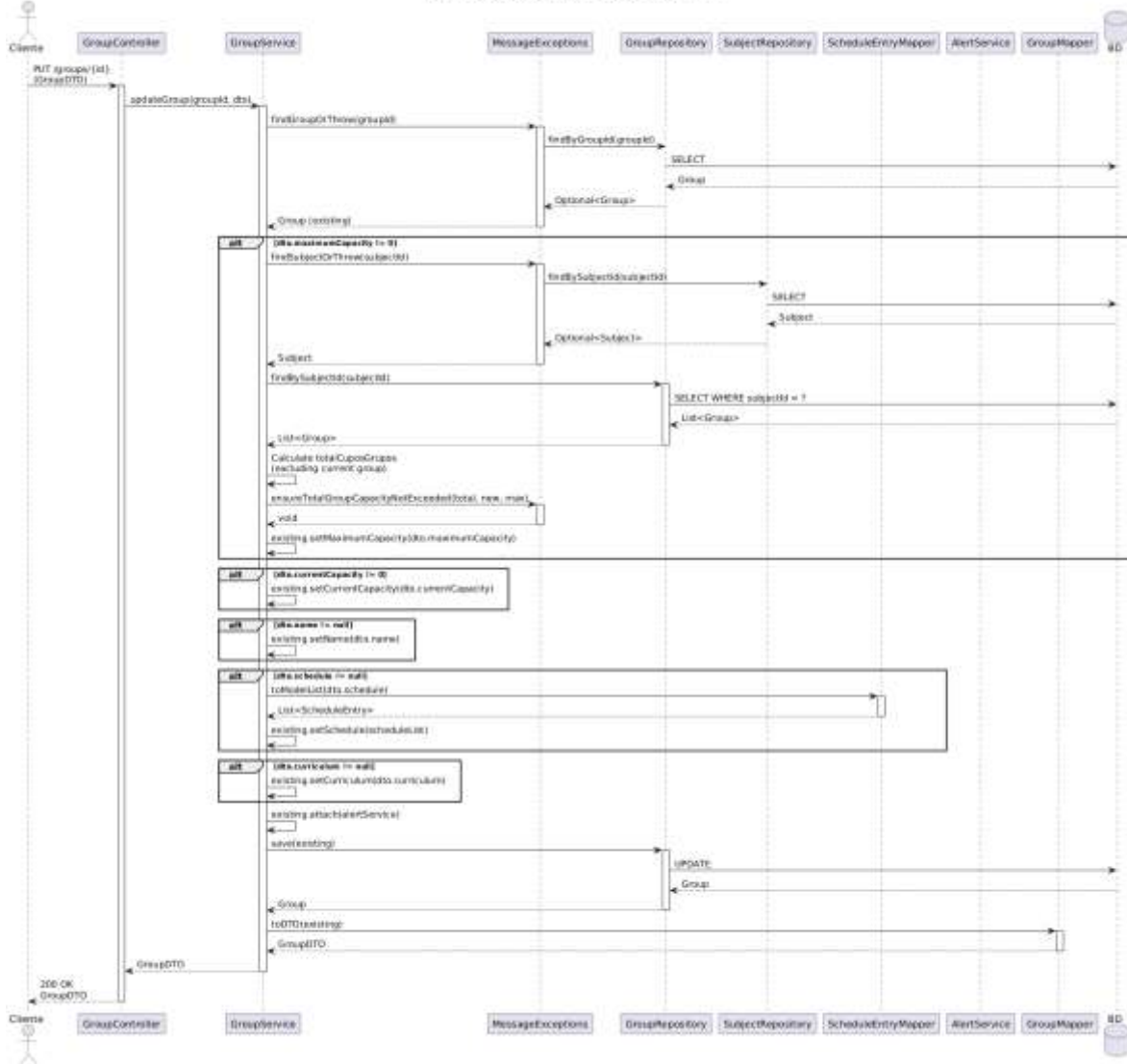




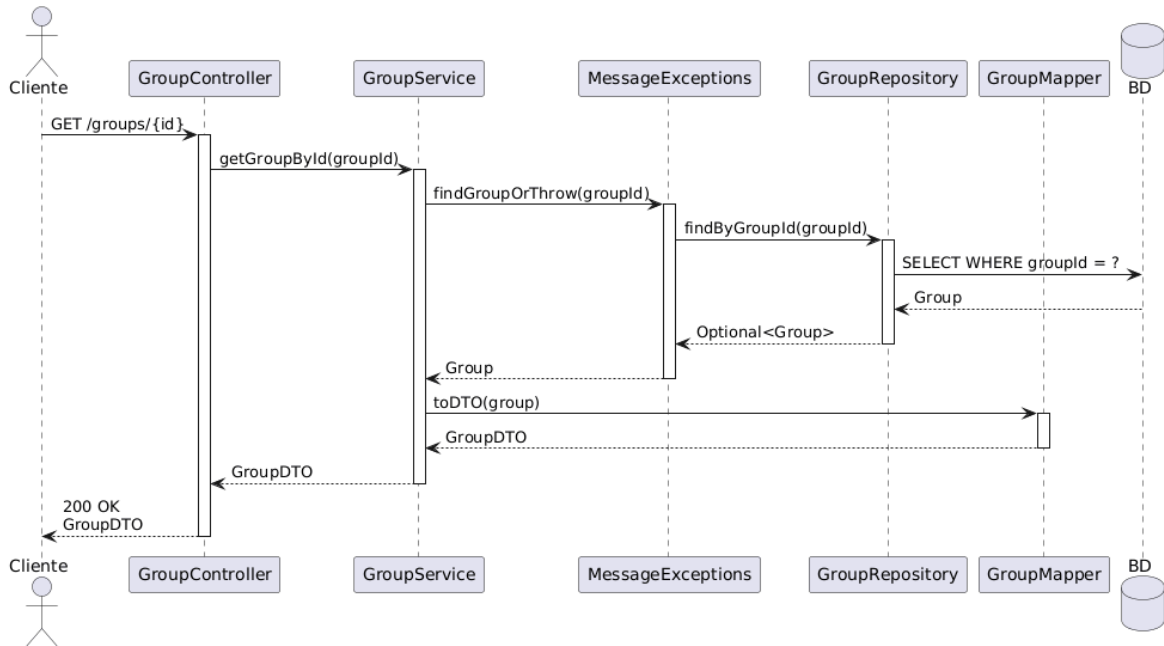
# PATCH /groups/{id} - Actualizar Parcialmente un Grupo



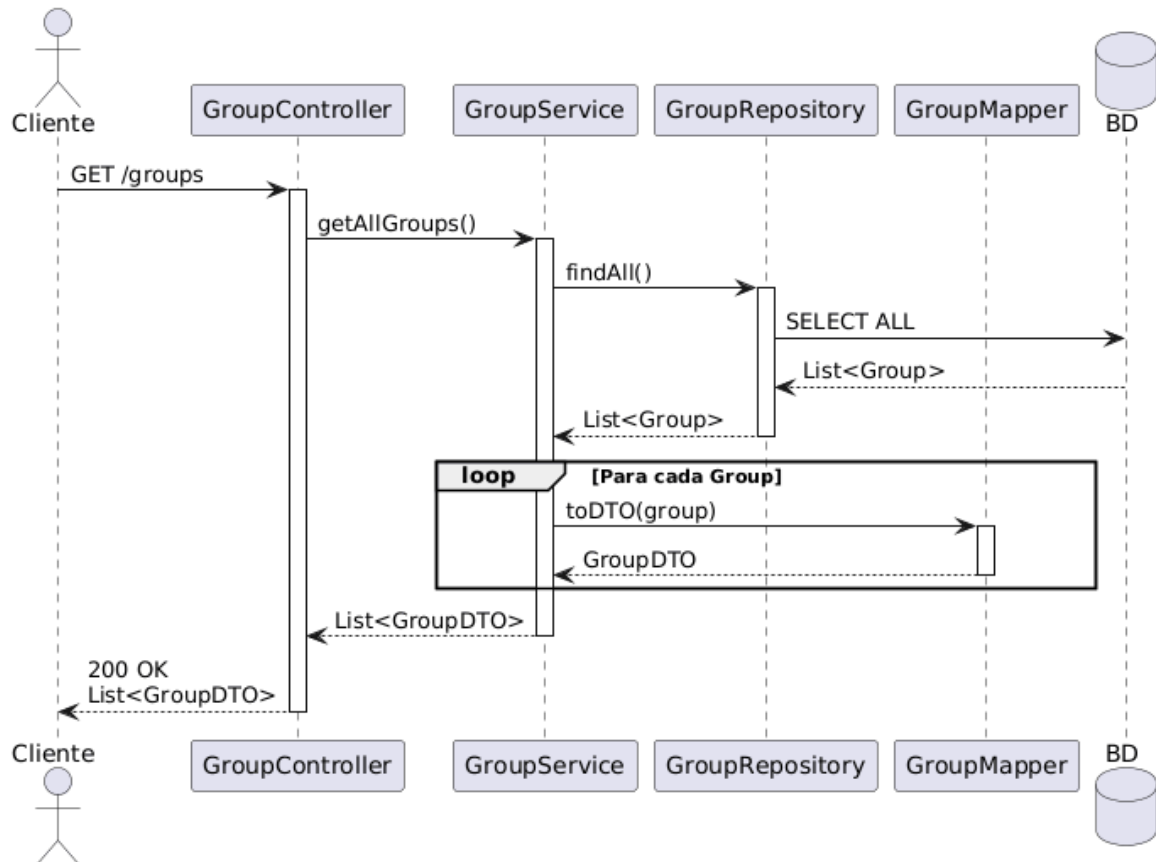
# PUT /groups/{id} - Actualizar Grupo Completamente

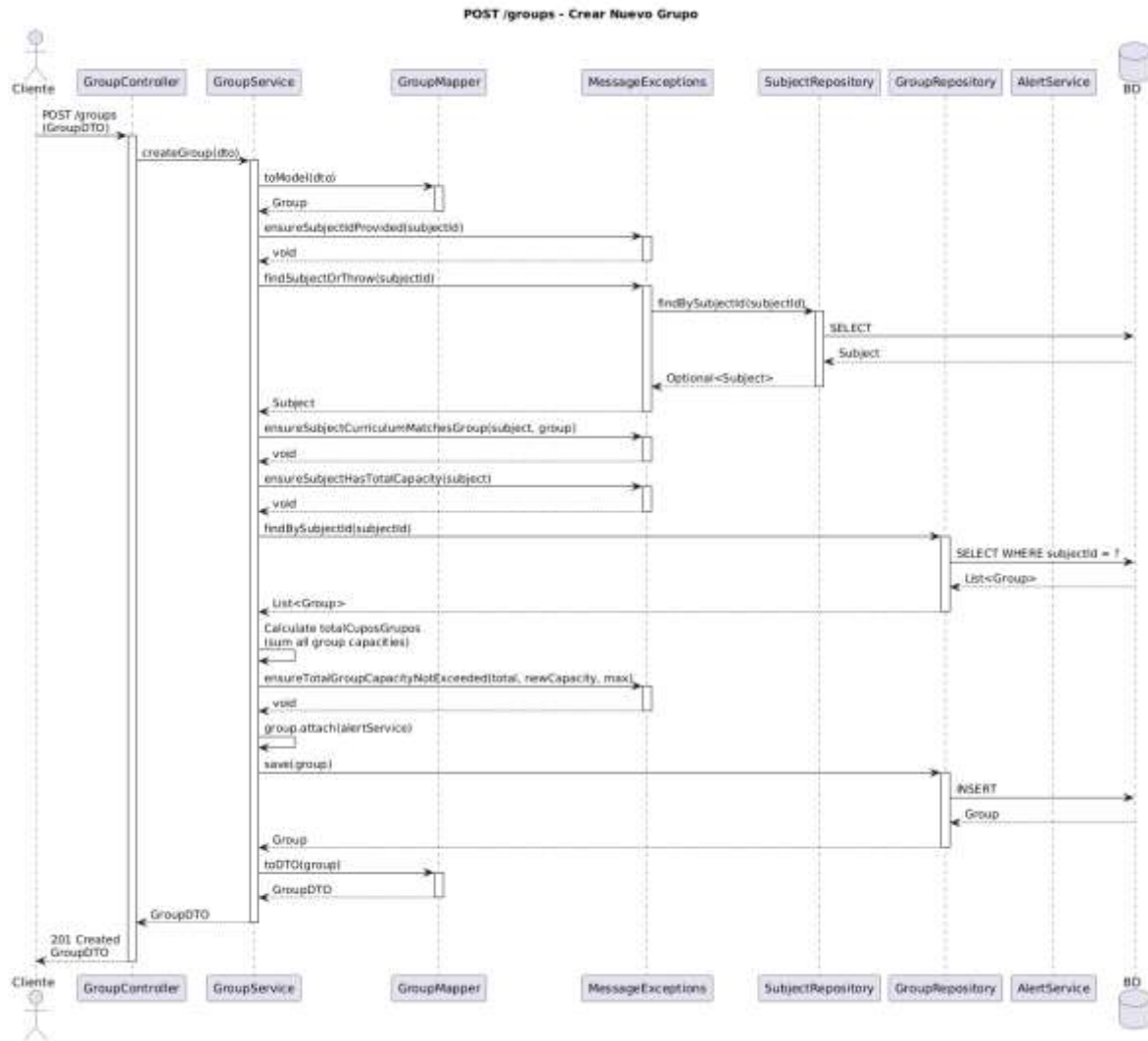


### GET /groups/{id} - Obtener Grupo por ID



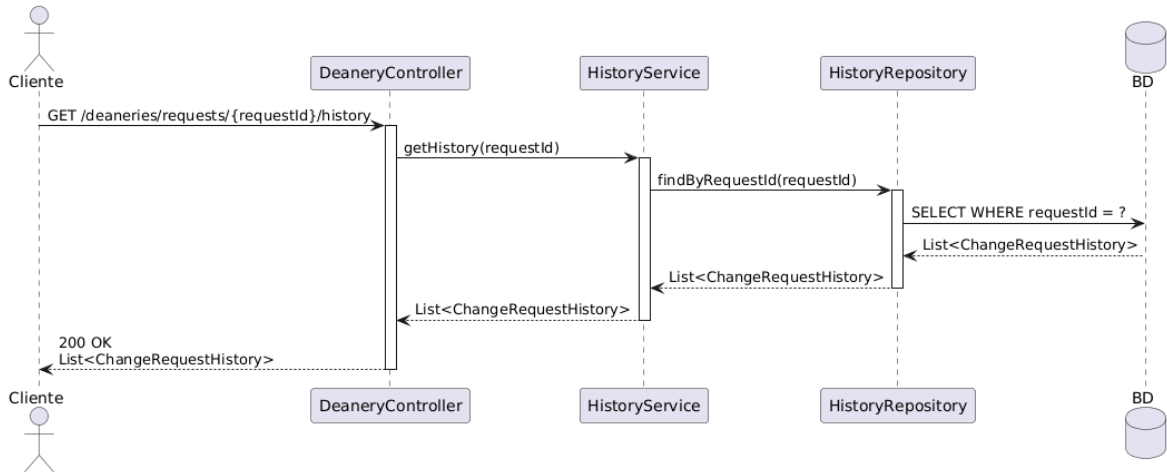
### GET /groups - Listar Todos los Grupos



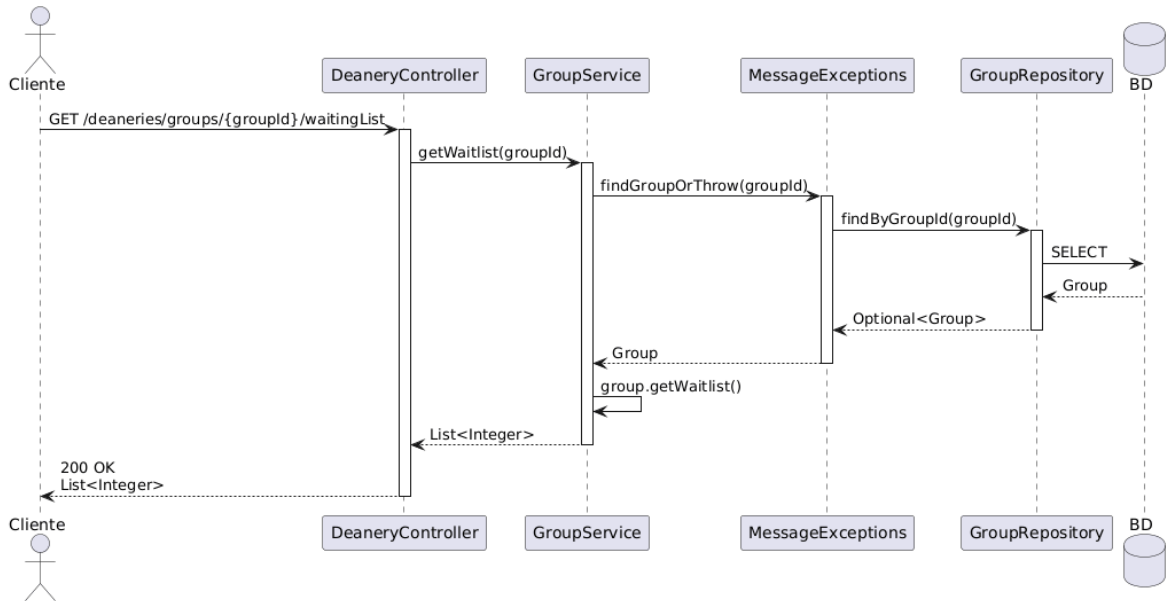


deanery-controller

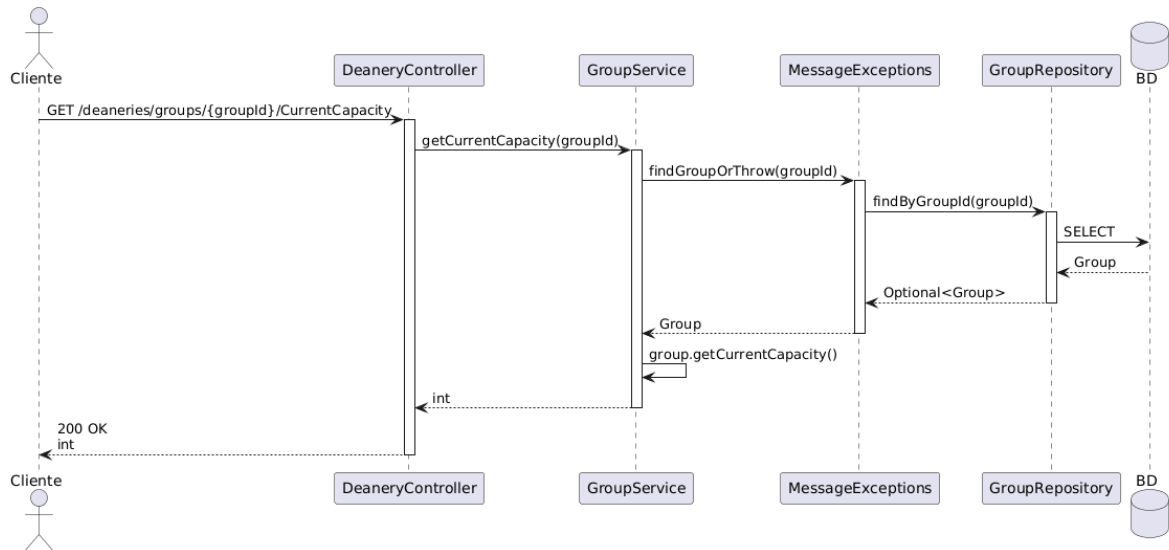
### GET /deaneries/requests/{requestId}/history - Ver Historial de Solicitud



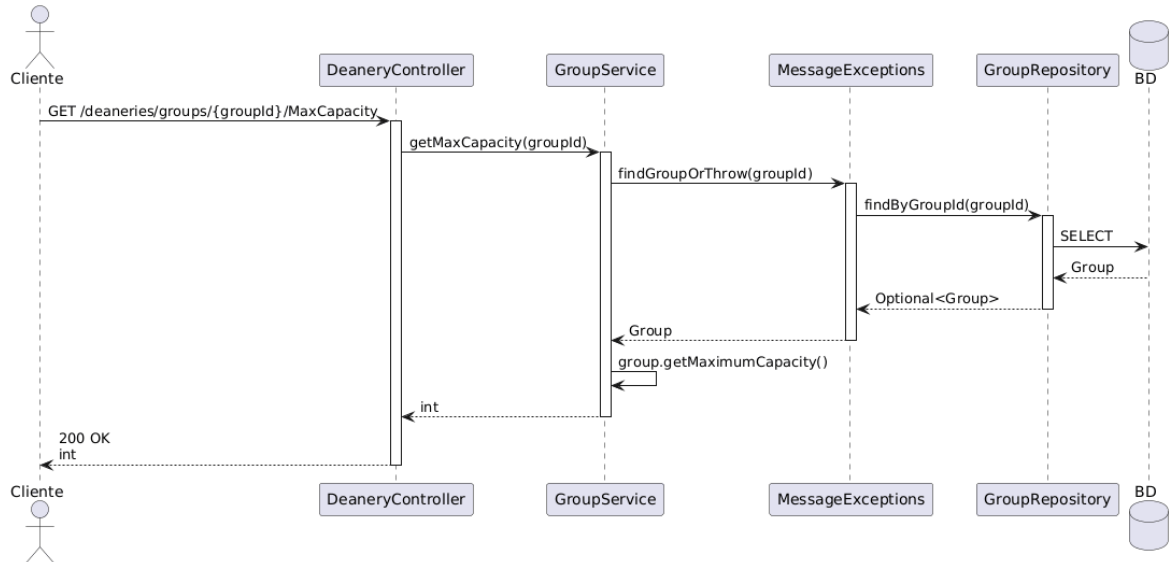
### GET /deaneries/groups/{groupId}/waitingList - Lista de Espera



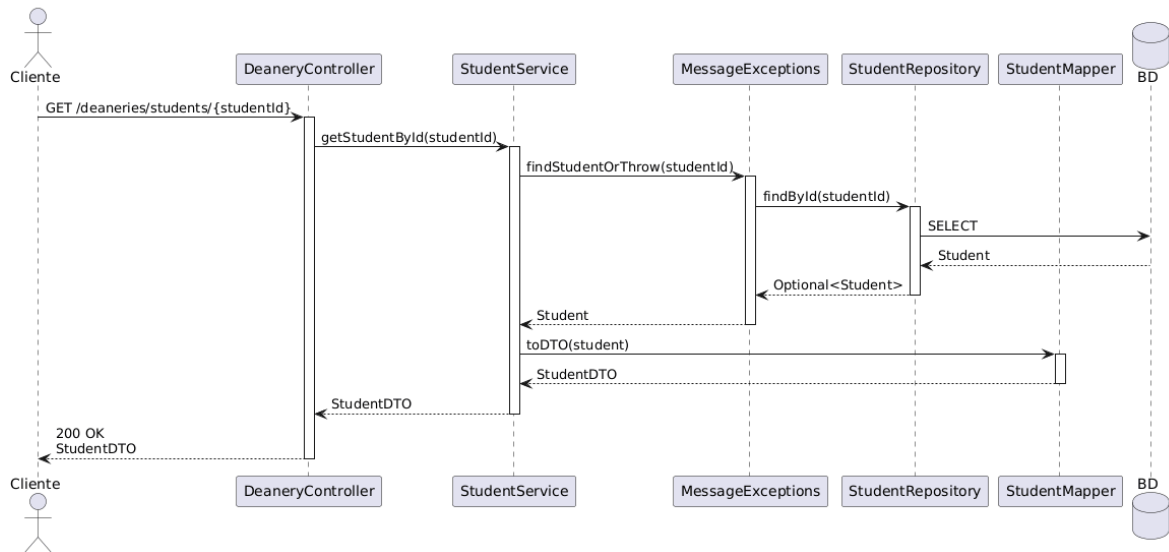
### GET /deaneries/groups/{groupid}/CurrentCapacity - Capacidad Actual



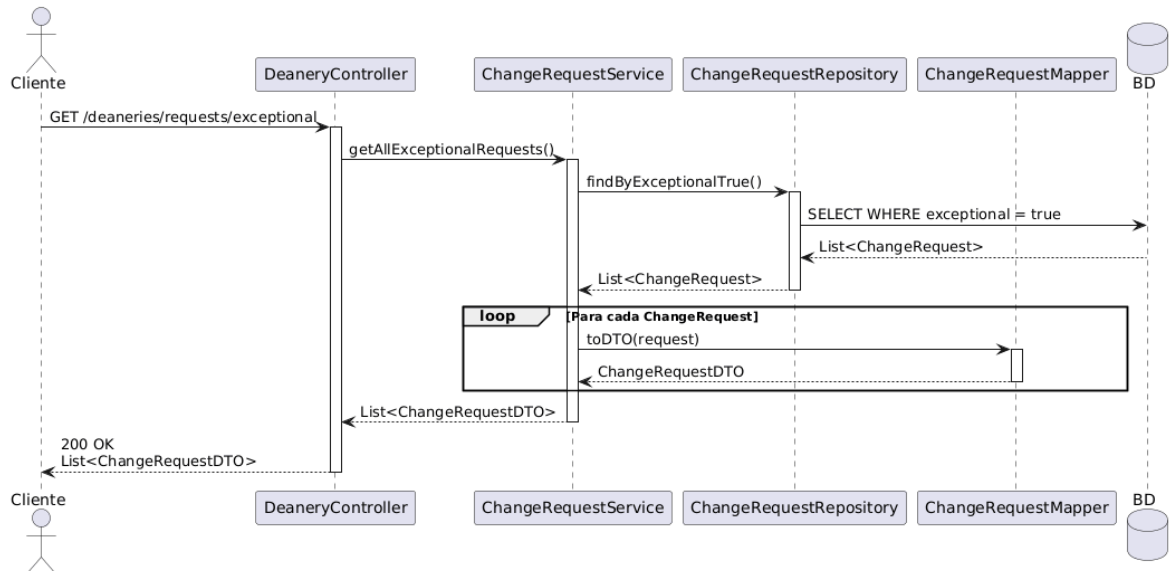
### GET /deaneries/groups/{groupid}/MaxCapacity - Capacidad Máxima



### GET /deaneries/students/{studentId} - Consultar Información de Estudiante

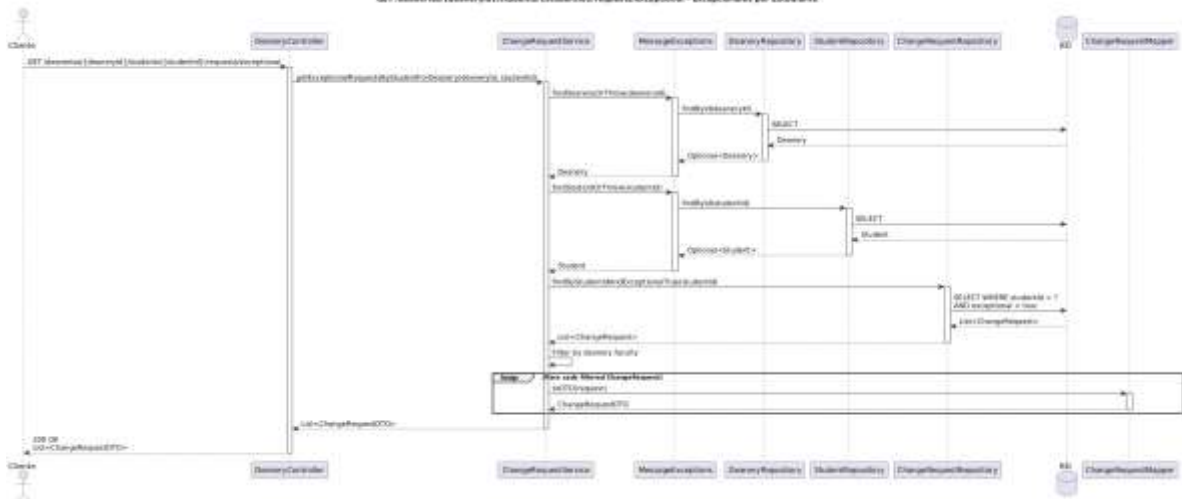


### GET /deaneries/requests/exceptional - Todas las Solicitudes Excepcionales

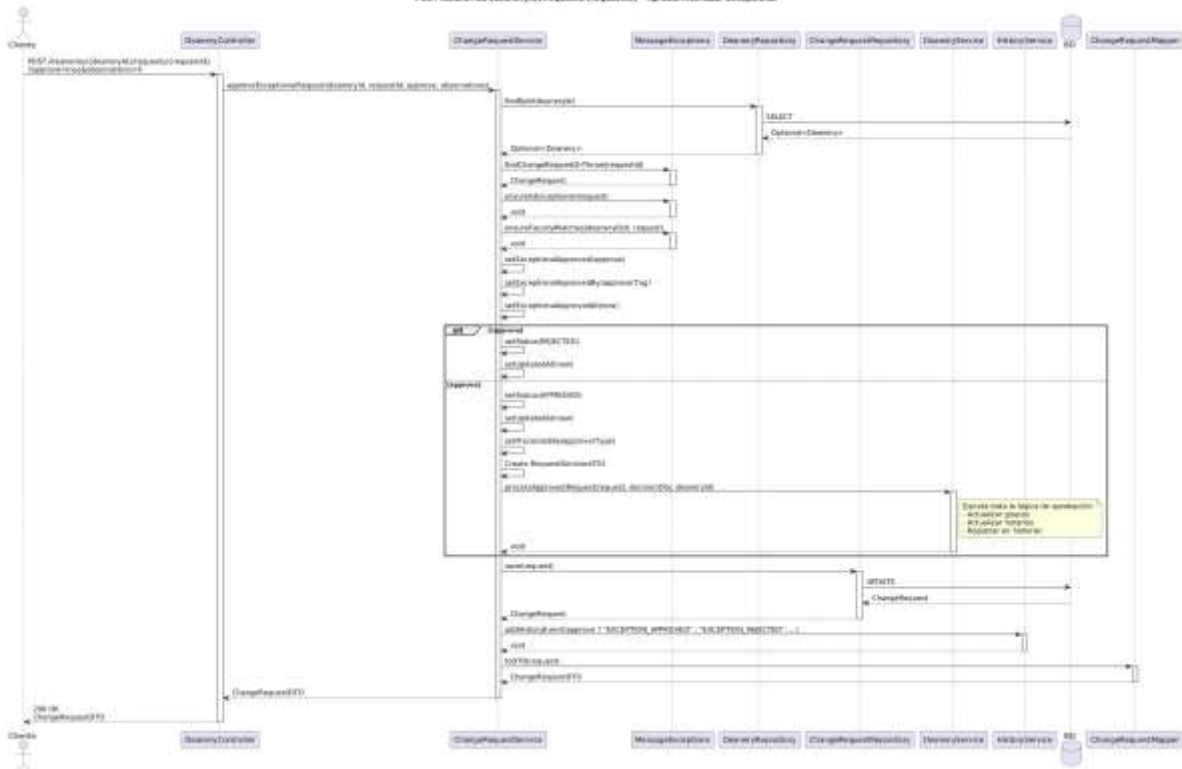


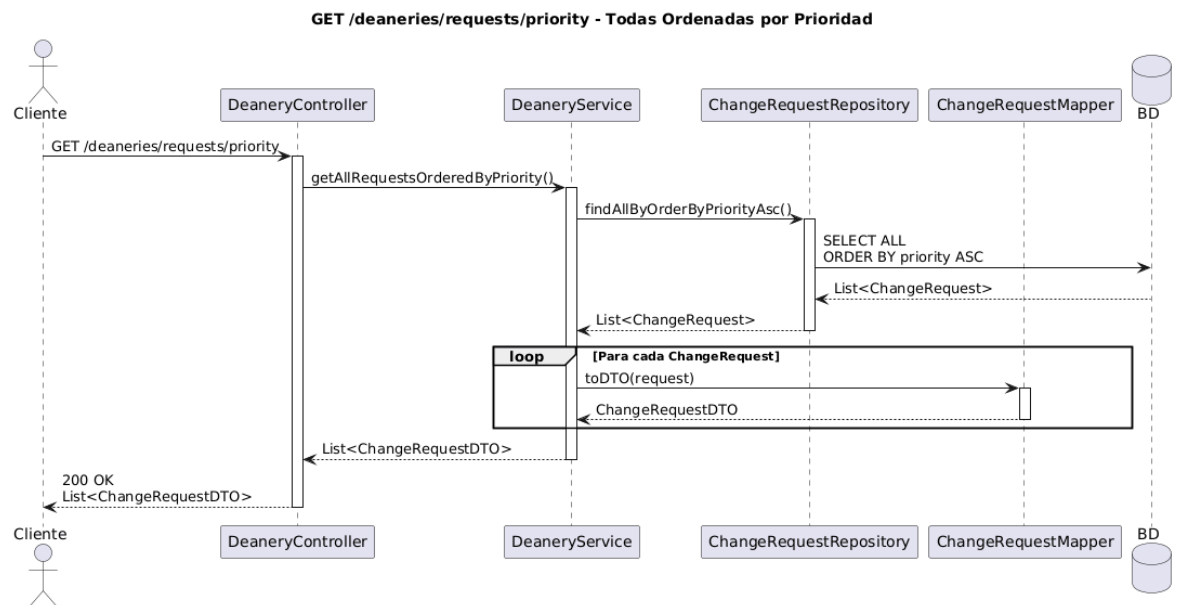
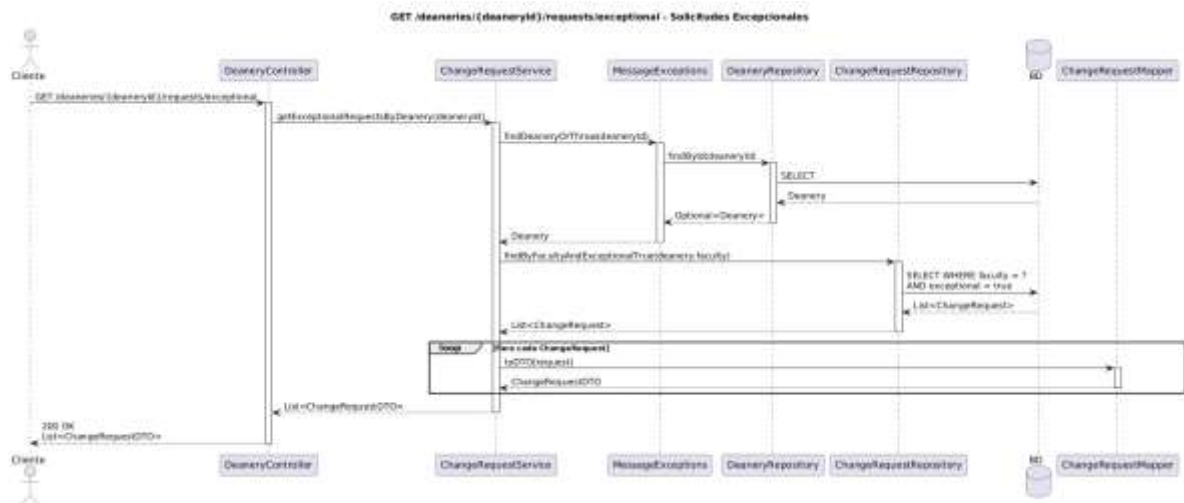


007. Algoritmo (diagrama) Utilizado (StudentNo, requestNo, request) - Excepciones por estudiante

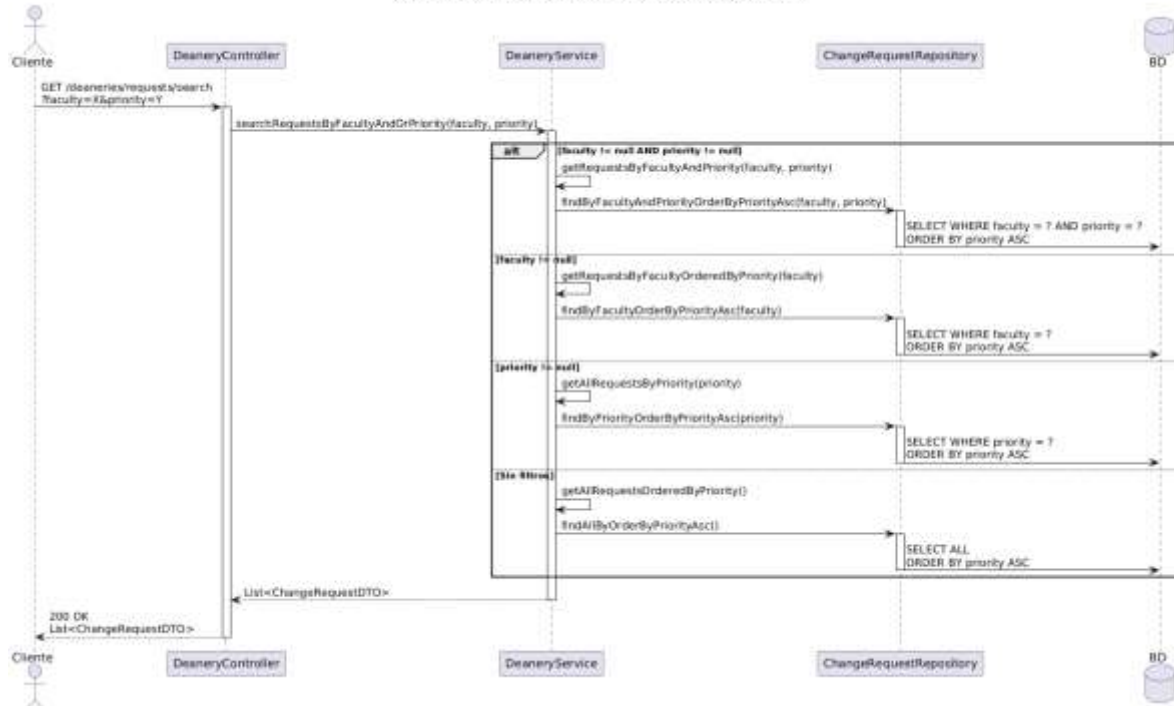


008. Algoritmo (diagrama) Utilizado (requestNo) - Agregar/Actualizar Excepciones

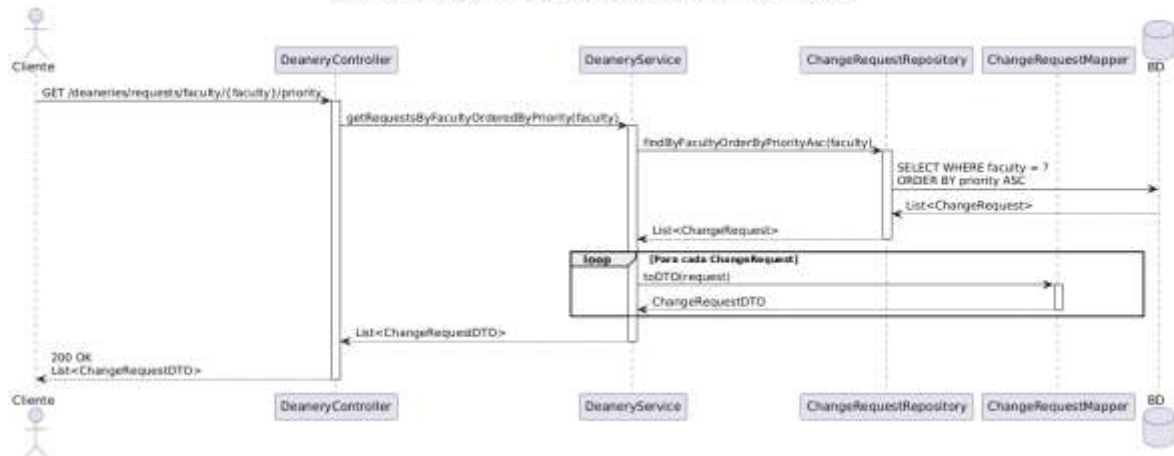




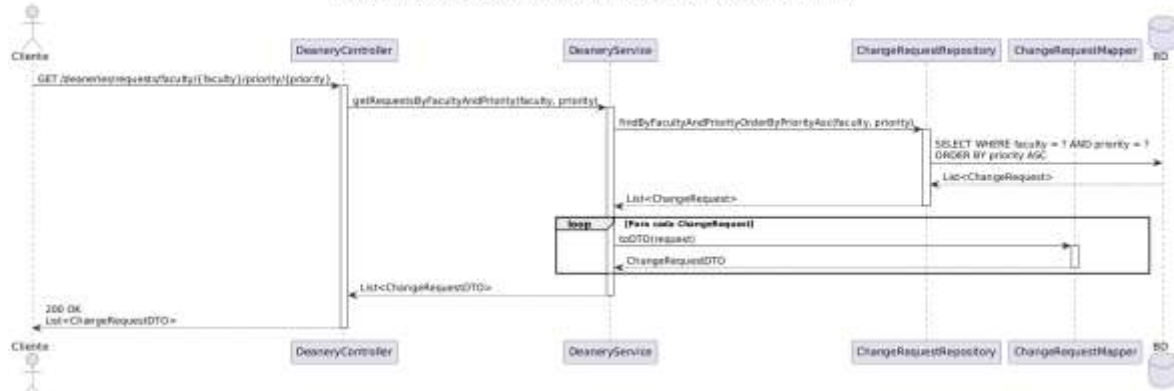
### GET /deaneries/requests/search - Buscar Solicitudes por Filtros



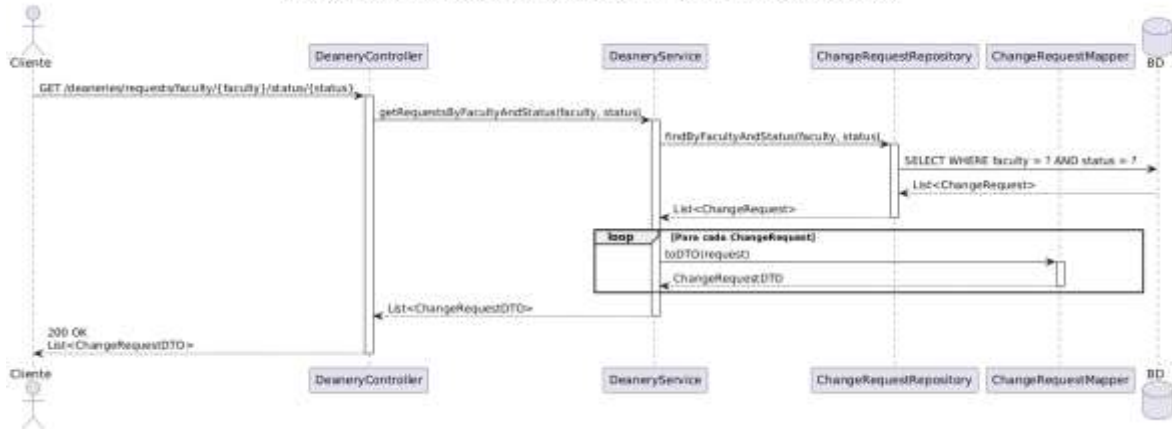
### GET /deaneries/requests/faculty/{faculty}/priority - Ordenadas por Prioridad



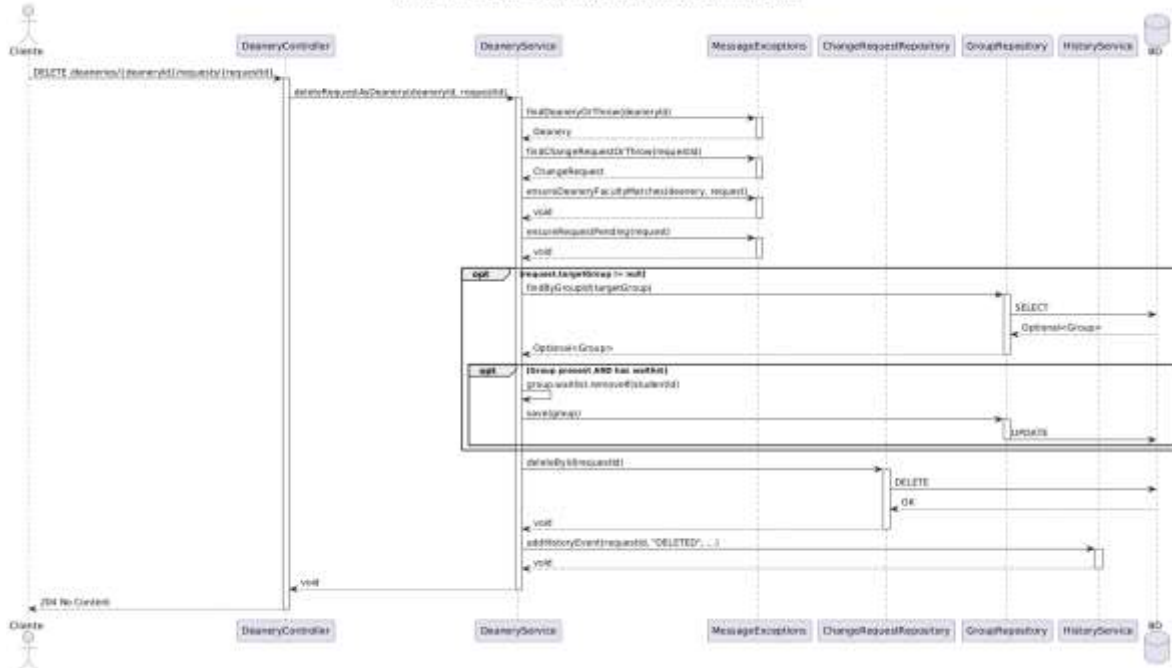
### GET /deaneries/requests/faculty/{faculty}/priority/{priority} - Por Facultad y Prioridad



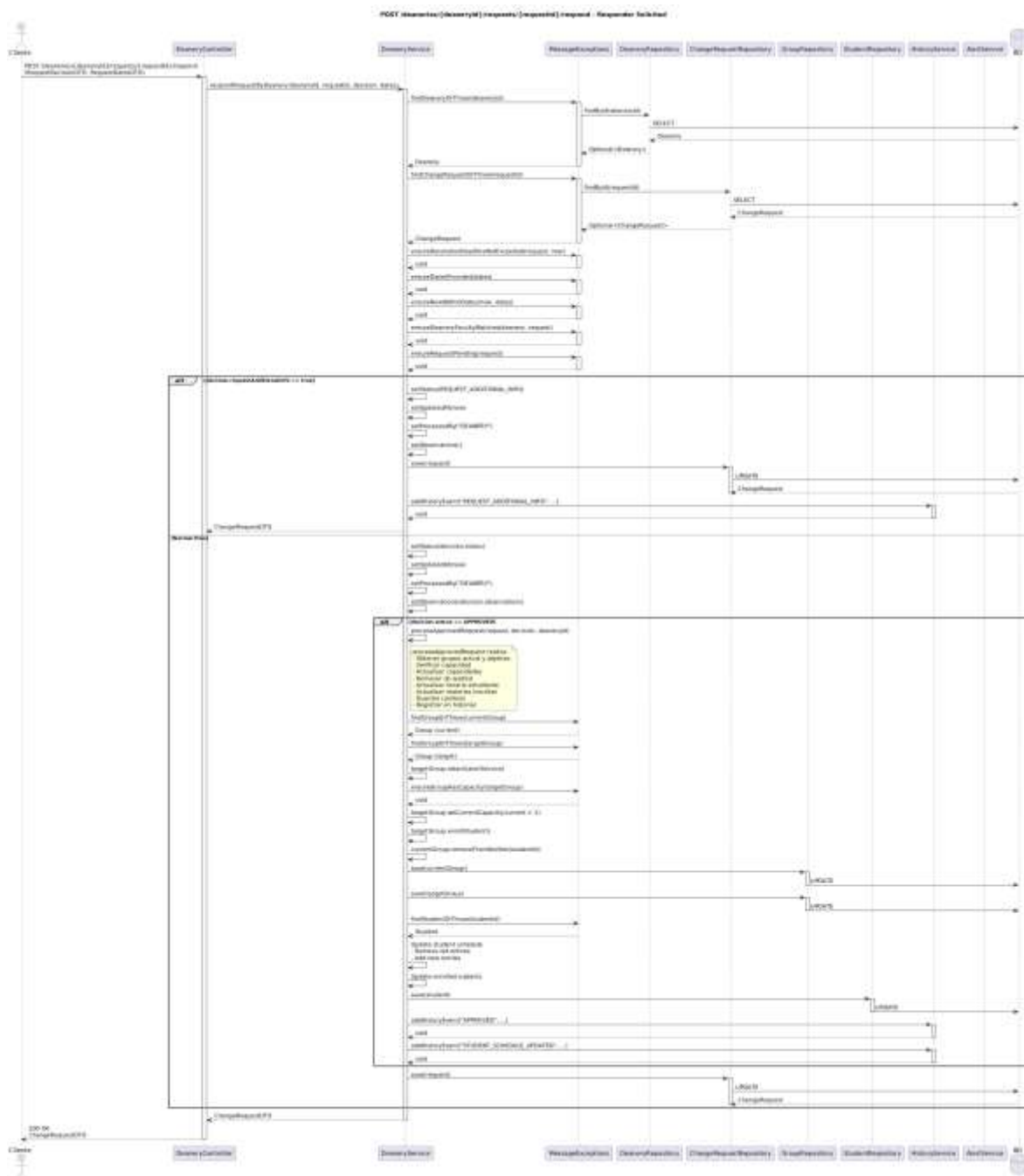
# GET /deaneries/requests/faculty/{faculty}/status/{status} - Solicitudes por Facultad y Estado



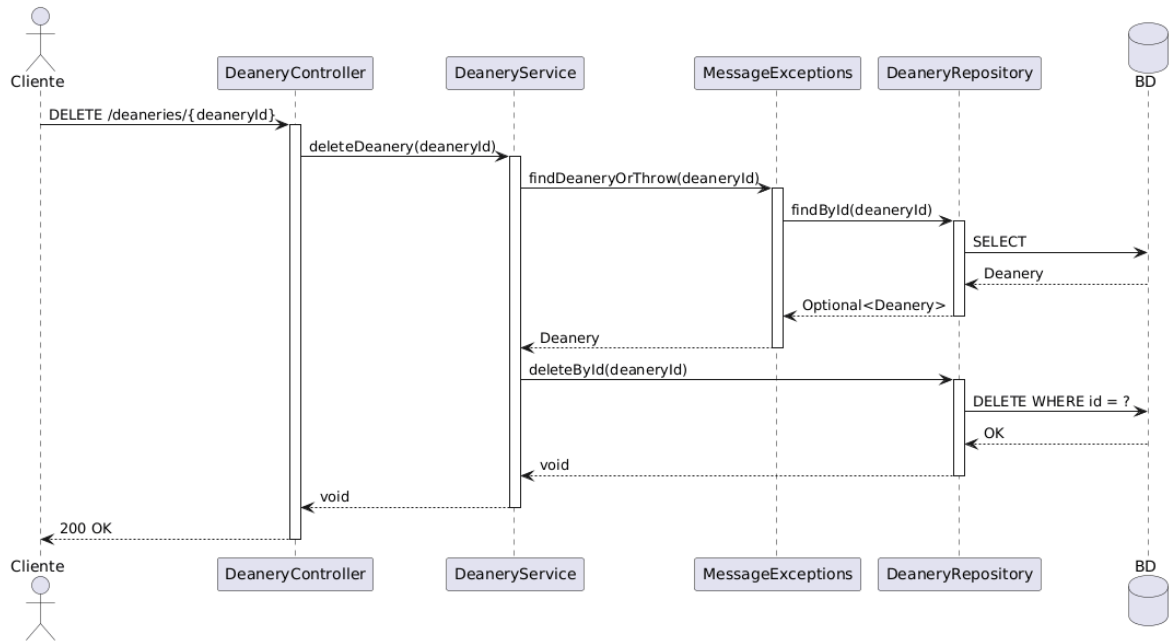
# DELETE /deaneries/{deaneryId}/requests/{requestId} - Eliminar Solicitud



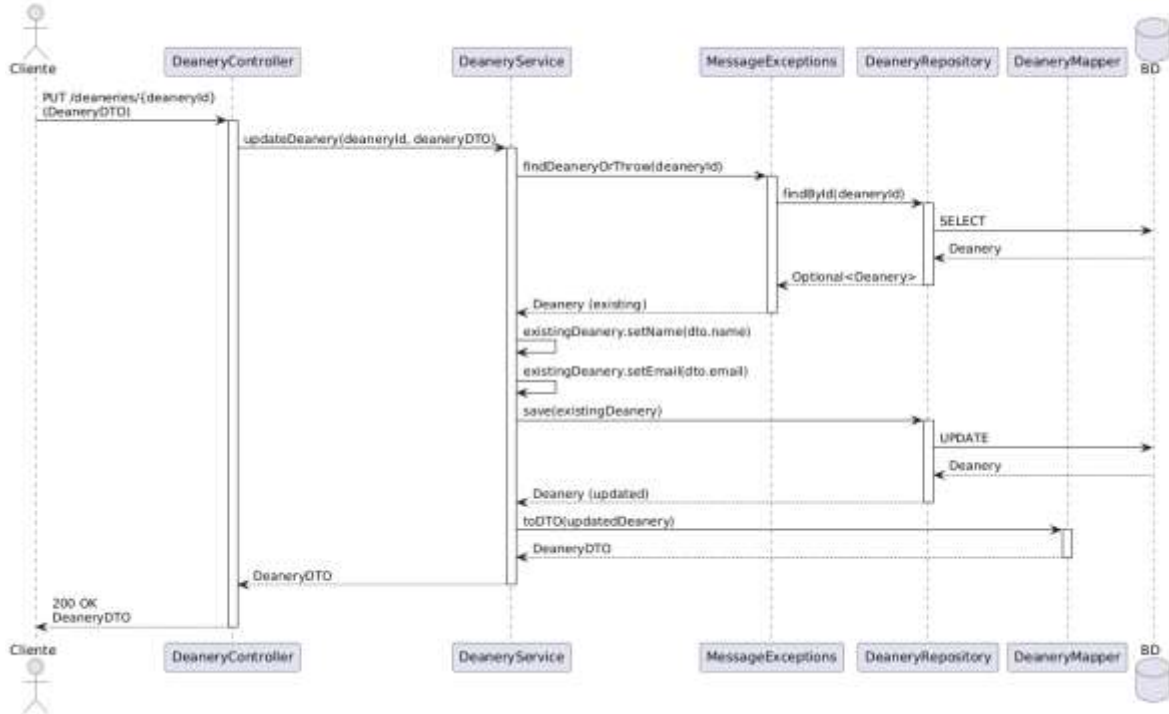




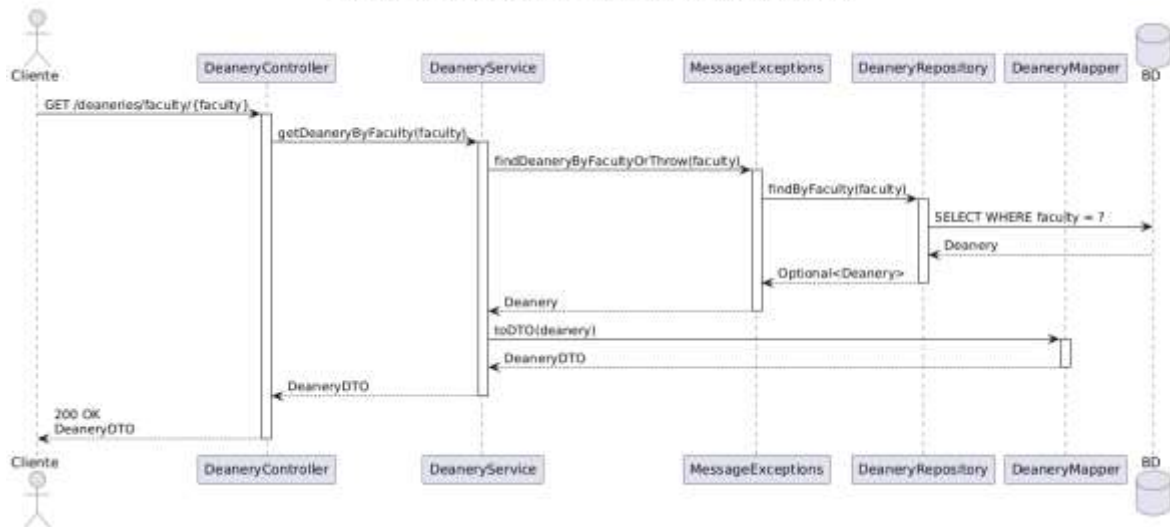
### DELETE /deaneries/{deaneryId} - Eliminar Decano/a



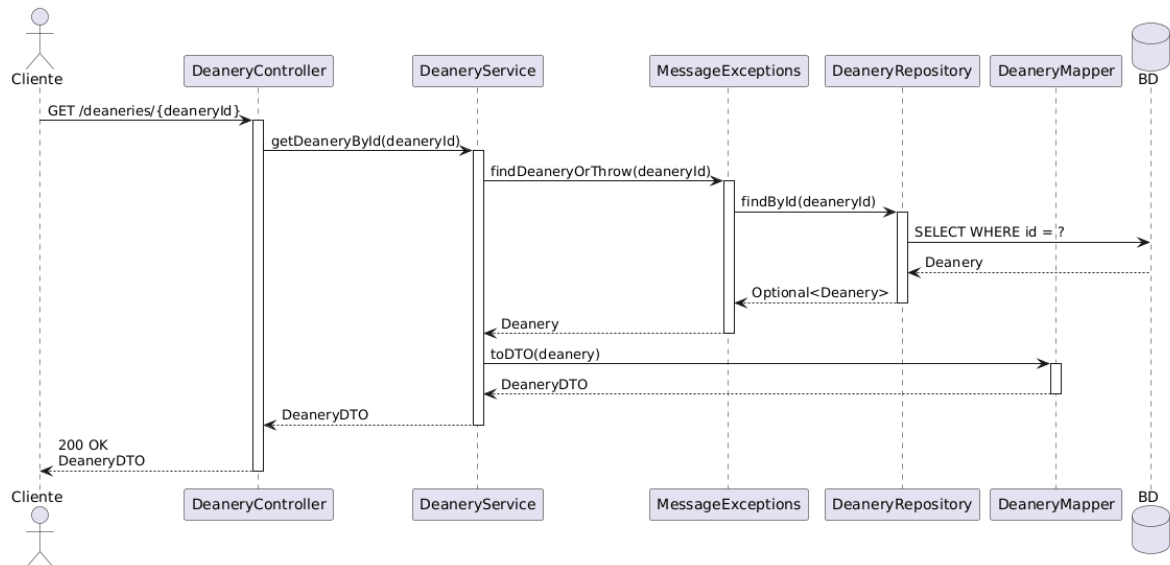
### PUT /deaneries/{deaneryId} - Actualizar Decano/a



### GET /deaneries/faculty/{faculty} - Obtener Decano/a por Facultad

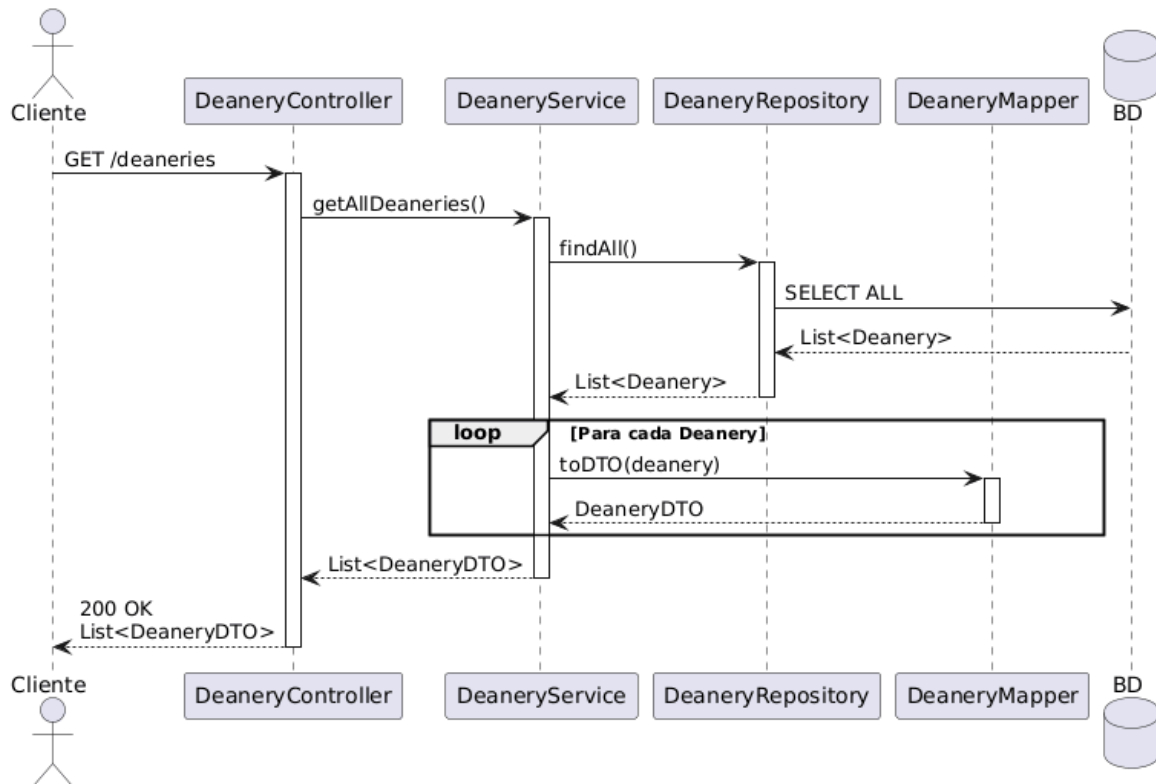


### GET /deaneries/{deaneryId} - Obtener Decano/a por ID





### GET /deaneries - Listar Todos los Decanos/as



### POST /deaneries - Crear Decano/a

