

# **SIGECA - Sistema de Gestión Escolar del Colegio Costa Alegre**

## **ANEXO 1 - DIAGRAMAS UML**



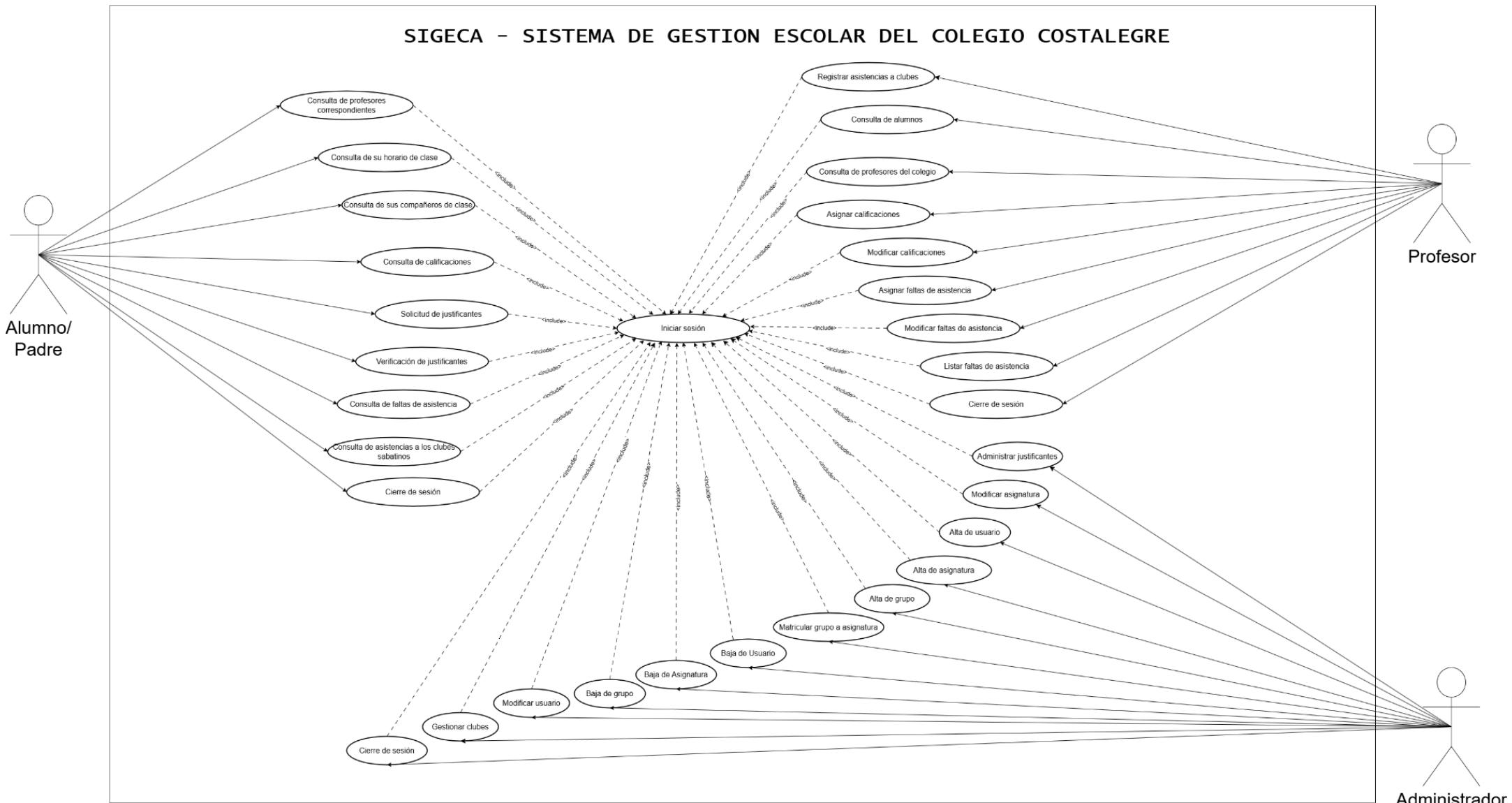
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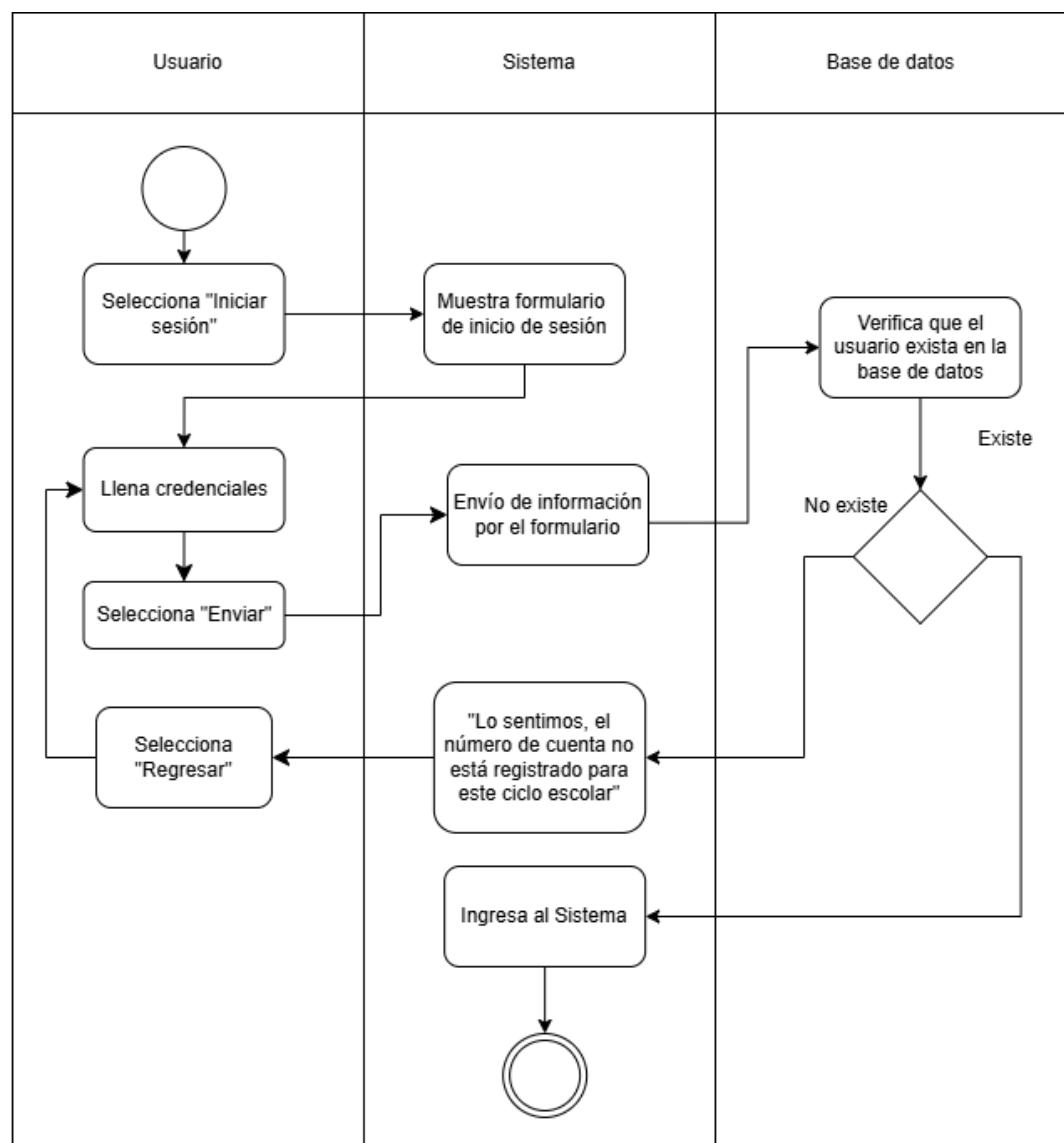
# Diagrama de Casos de Usuario



# Diagramas de Actividades

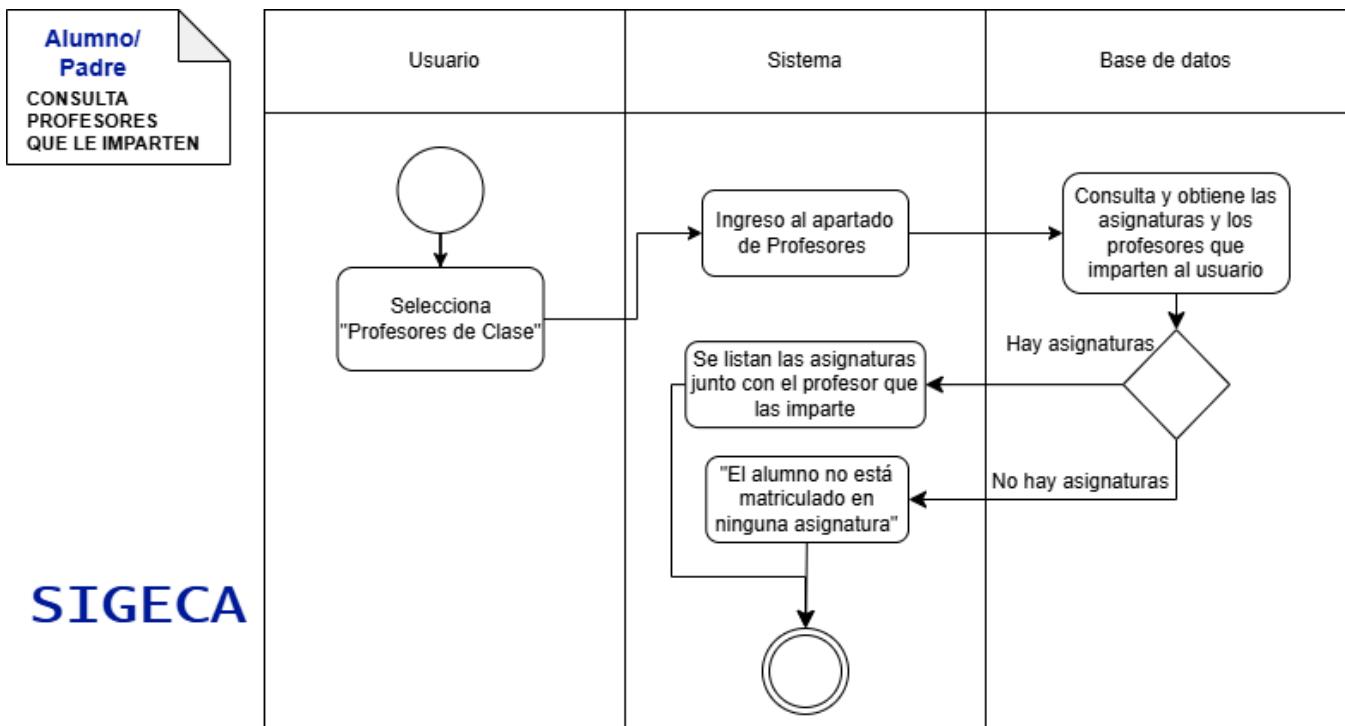
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Usuario  
Visitante  
INICIO DE SESIÓN

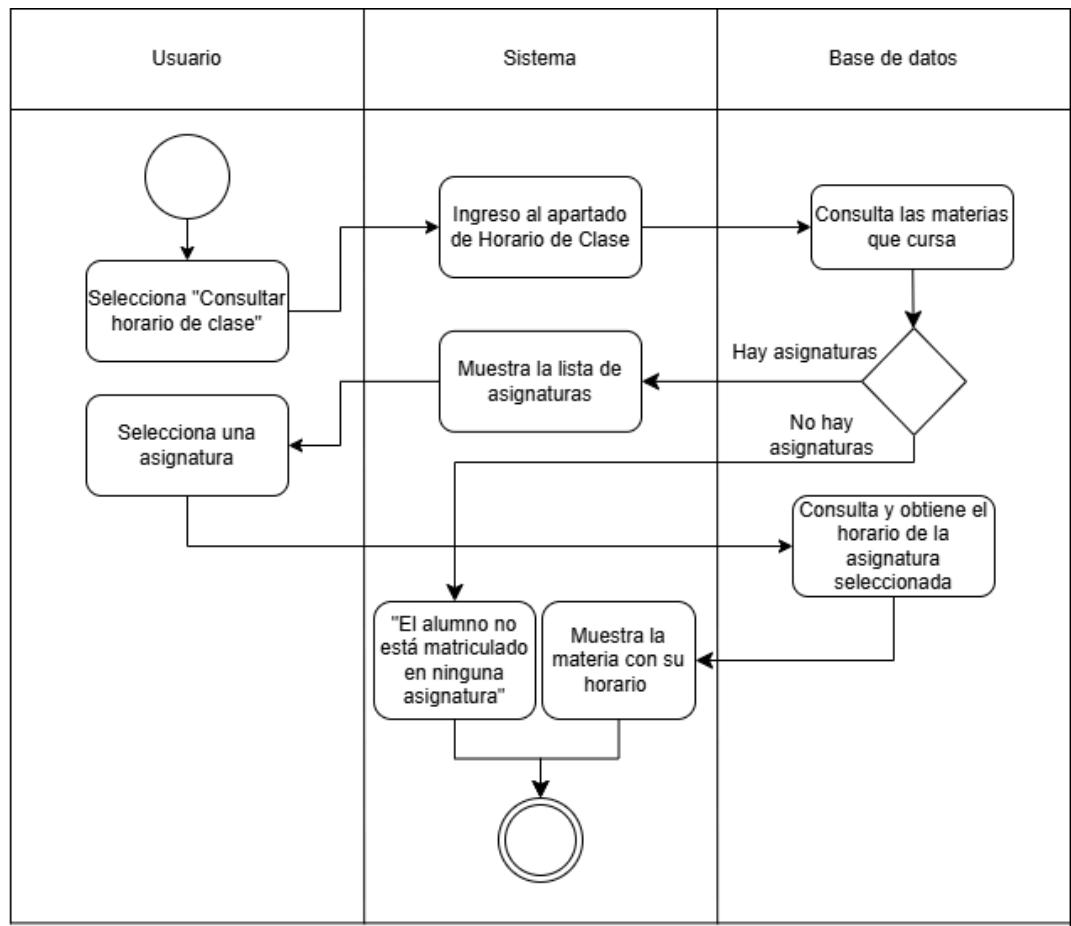


SIGECA

## Alumno/Padre



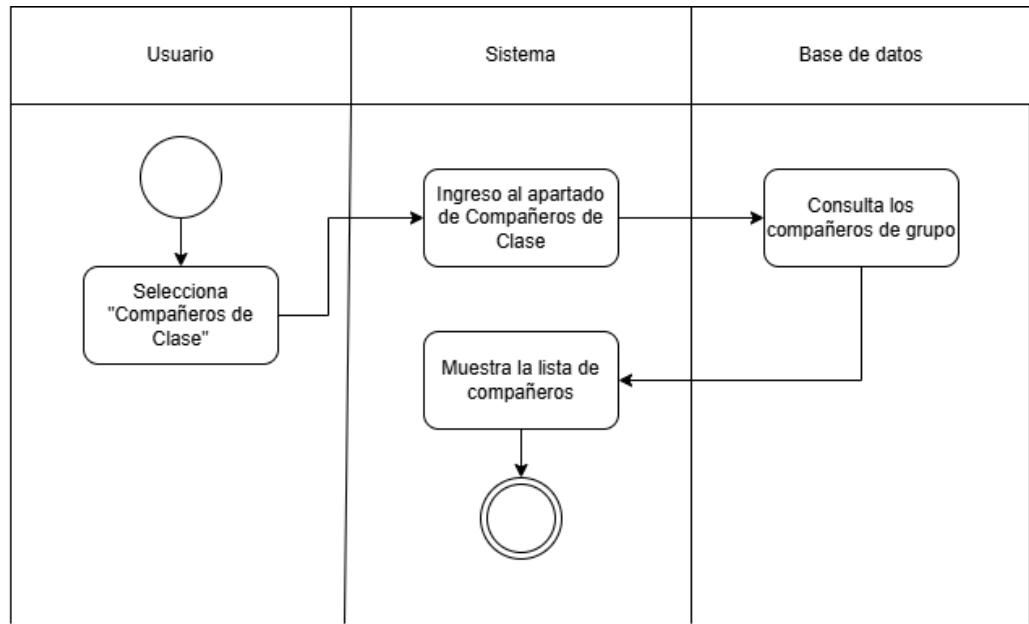
**Alumno/  
Padre**  
**CONSULTA HORARIO**



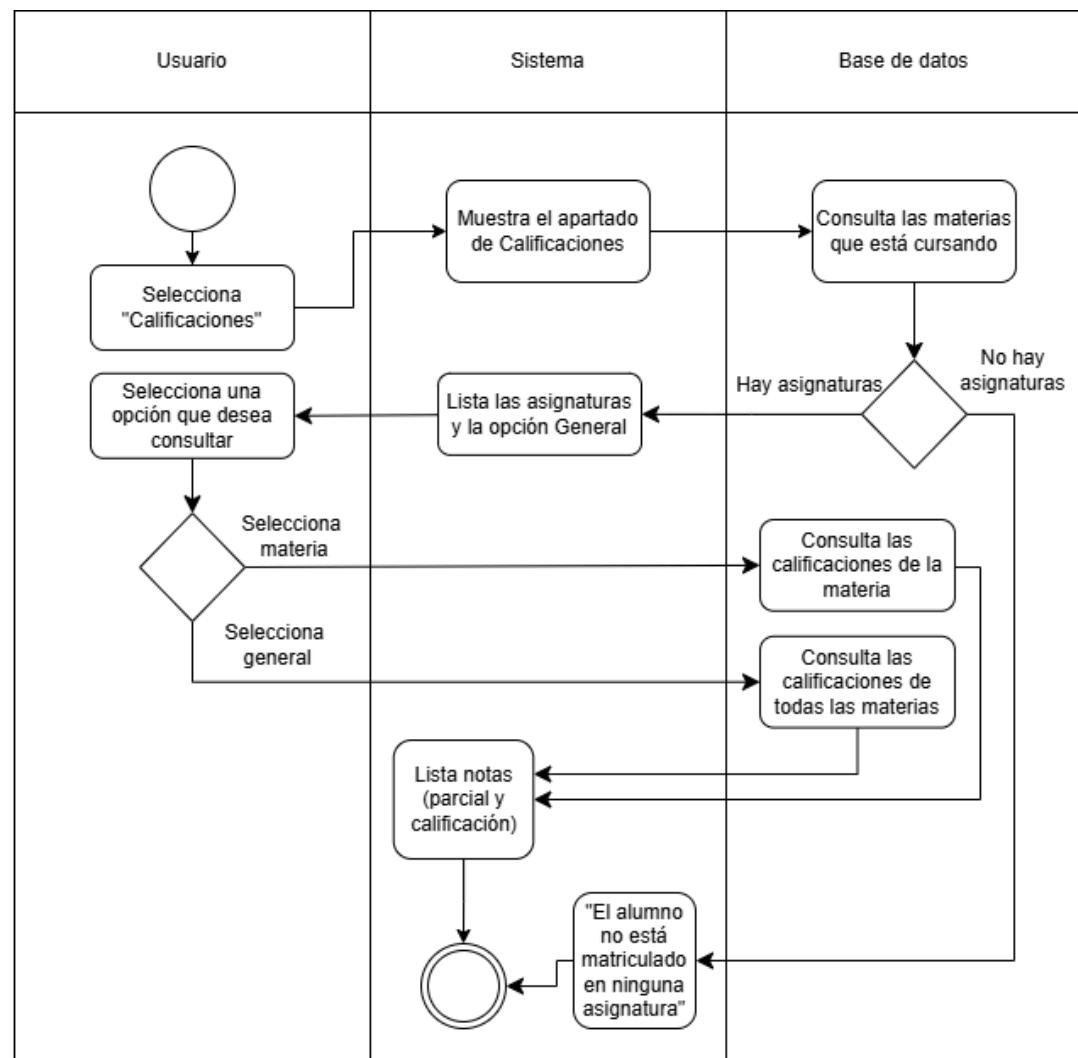
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**Alumno/  
Padre**  
CONSULTA  
COMPAÑEROS

**SIGECA**

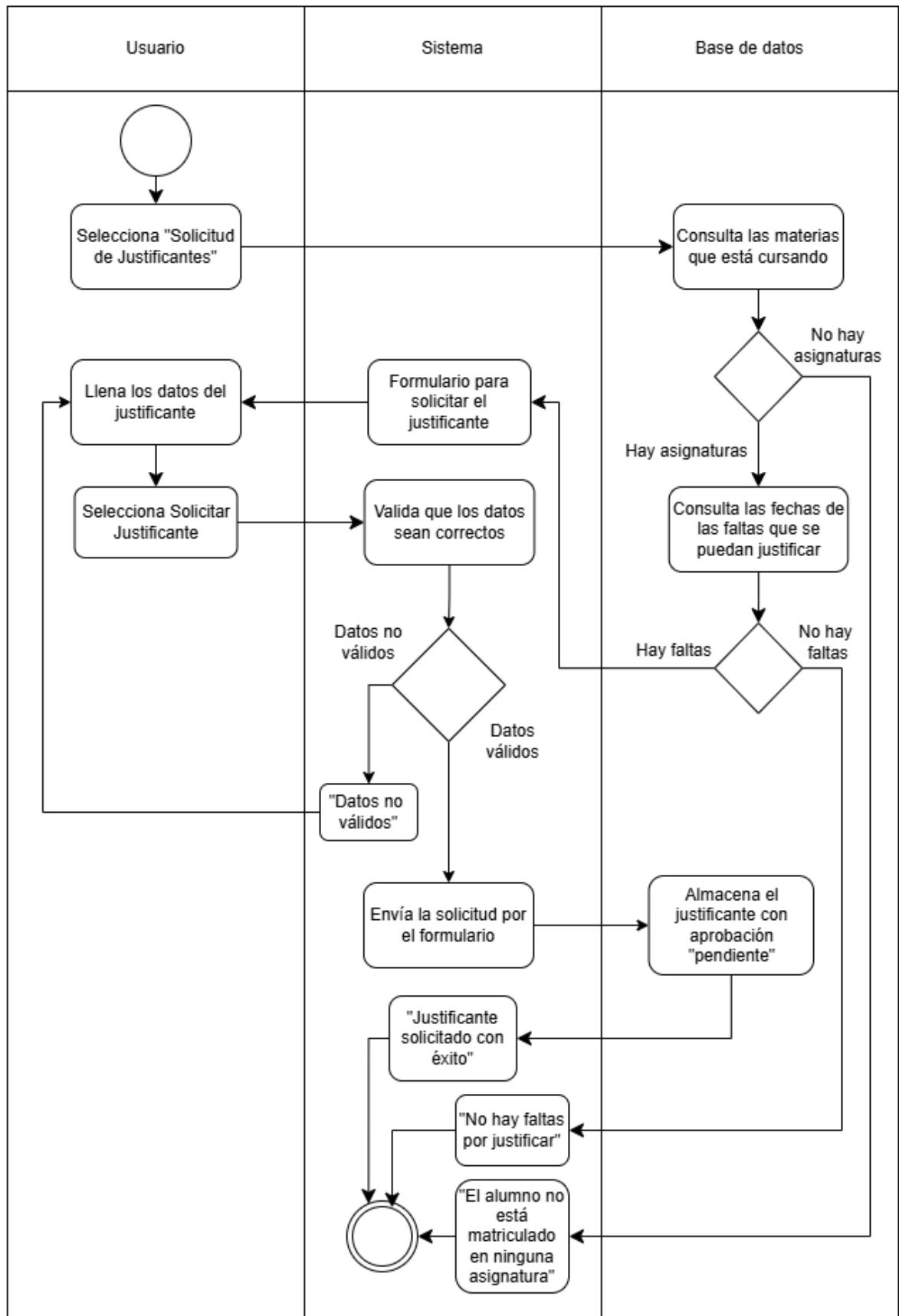


**Alumno/  
Padre**  
 CONSULTA  
 CALIFICACIONES

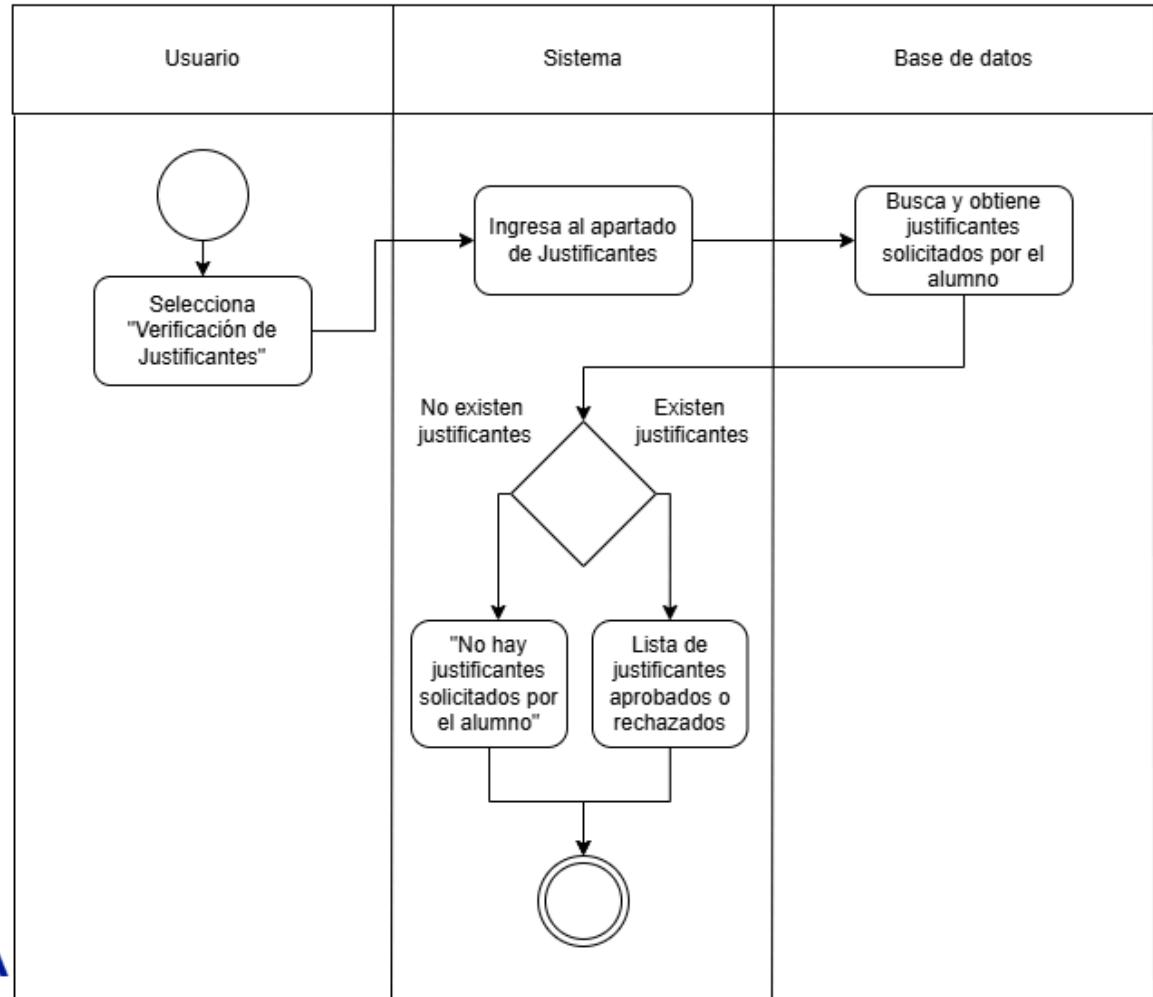


SIGECA

**Alumno/  
Padre**  
**SOLICITAR  
JUSTIFICANTES**

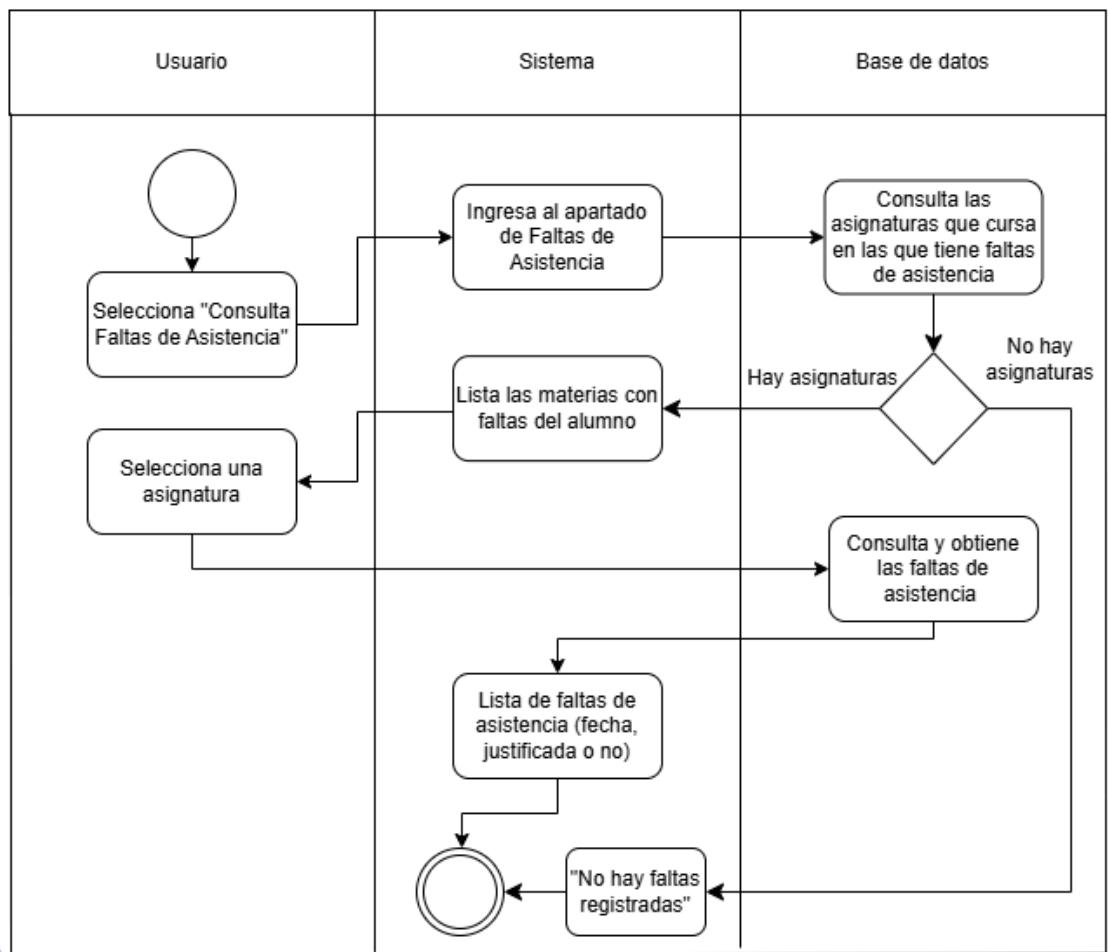


**Alumno/  
Padre**  
**VERIFICAR  
JUSTIFICANTES**



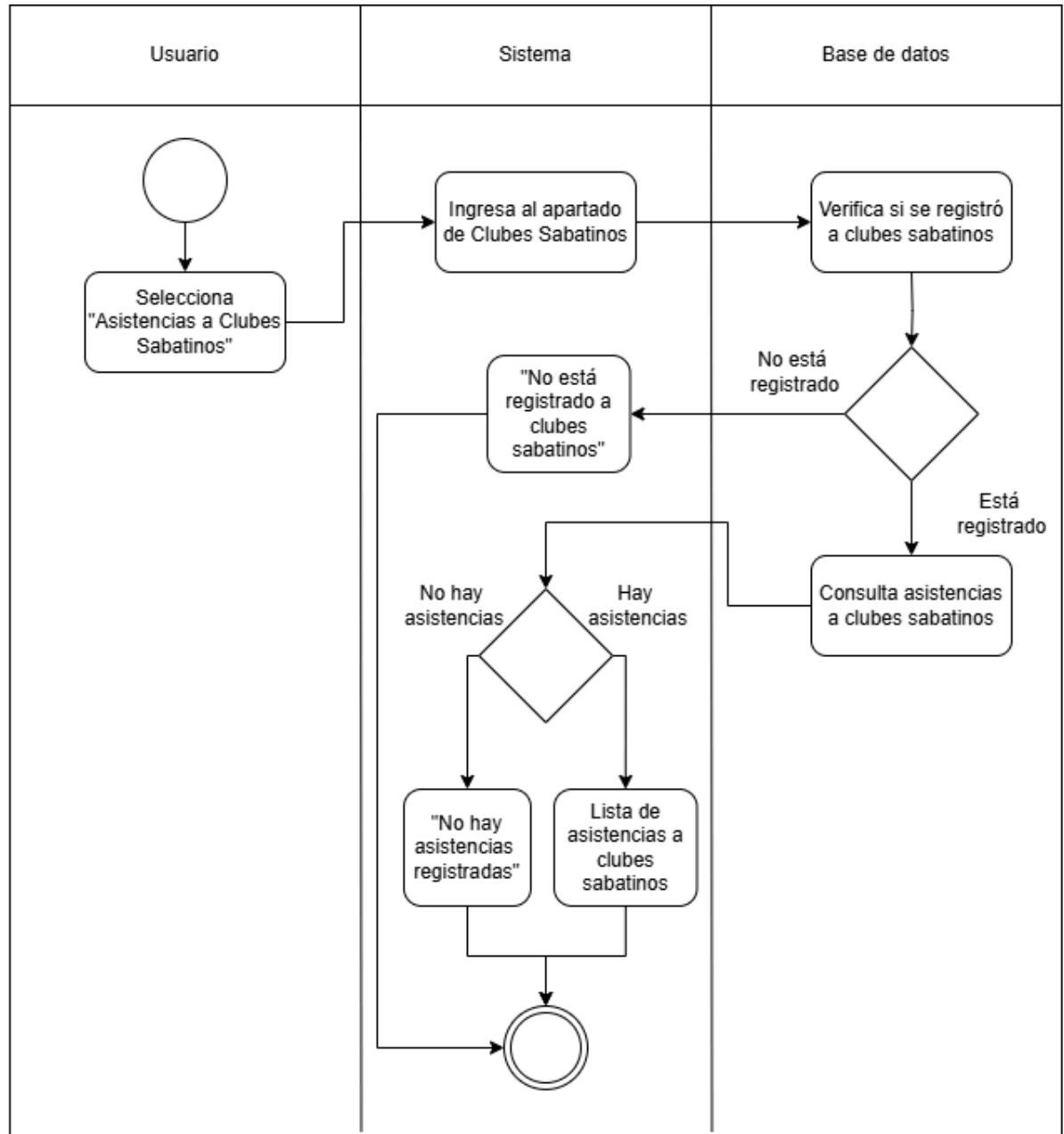
**SIGECA**

**Alumno/  
Padre**  
**CONSULTA FALTAS  
DE ASISTENCIA**



**SIGECA**

**Alumno/  
Padre**  
**CONSULTA  
ASISTENCIAS  
CLUBES SABATINOS**

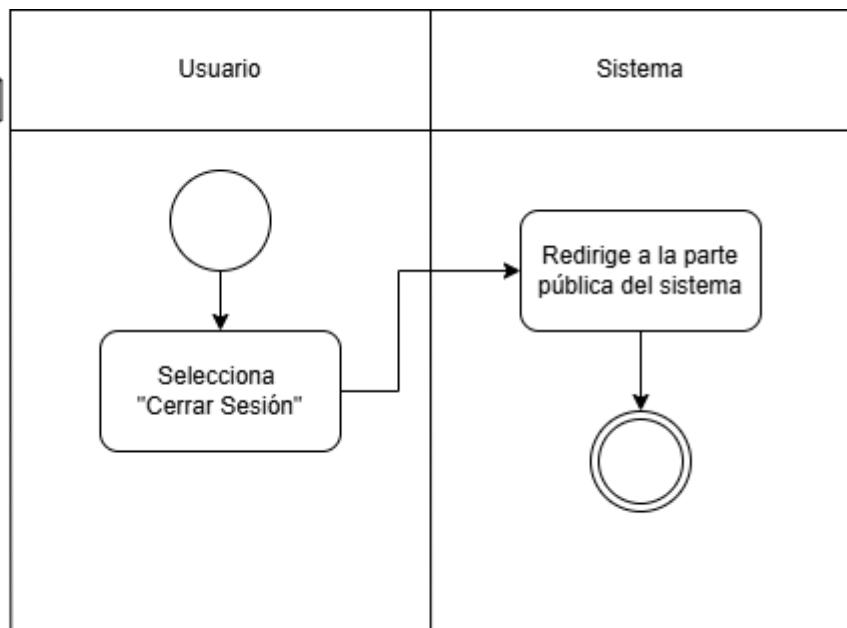


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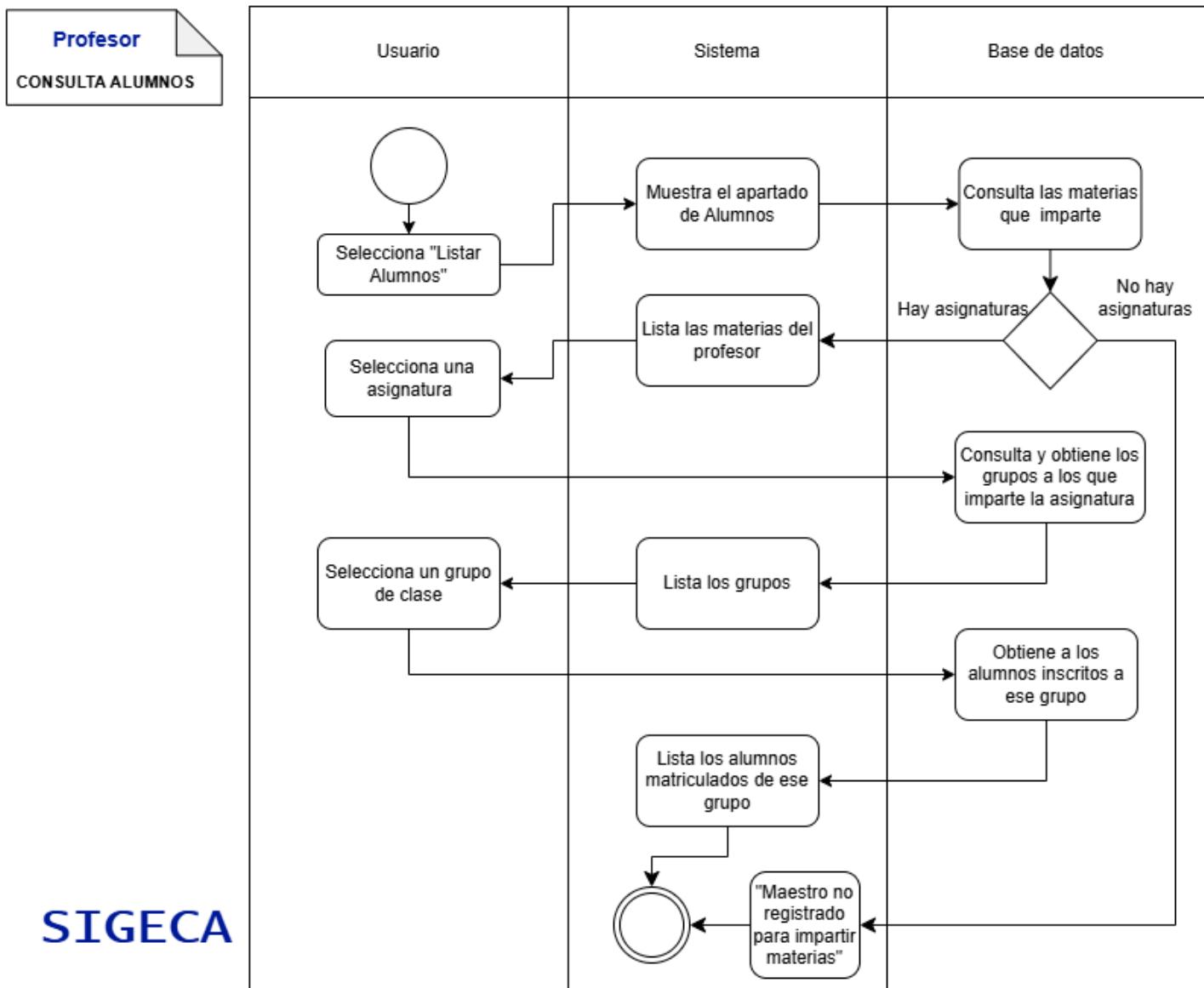
## Usuarios Registrados

**Usuario Registrado**  
CIERRE DE SESIÓN

**SIGECA**



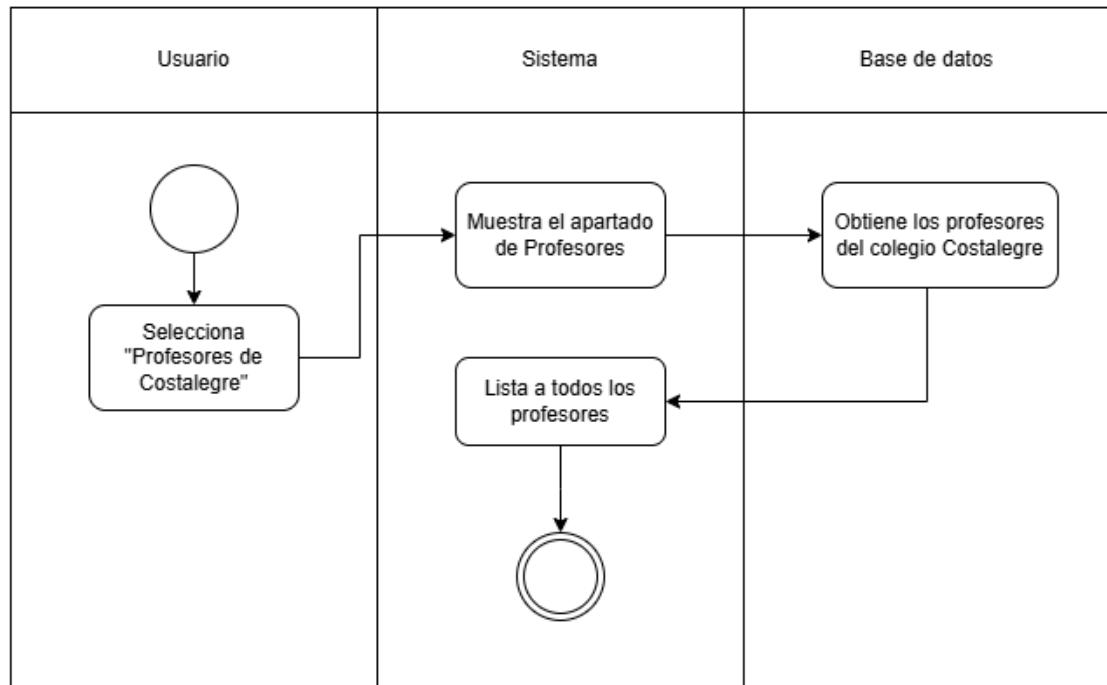
## Profesor



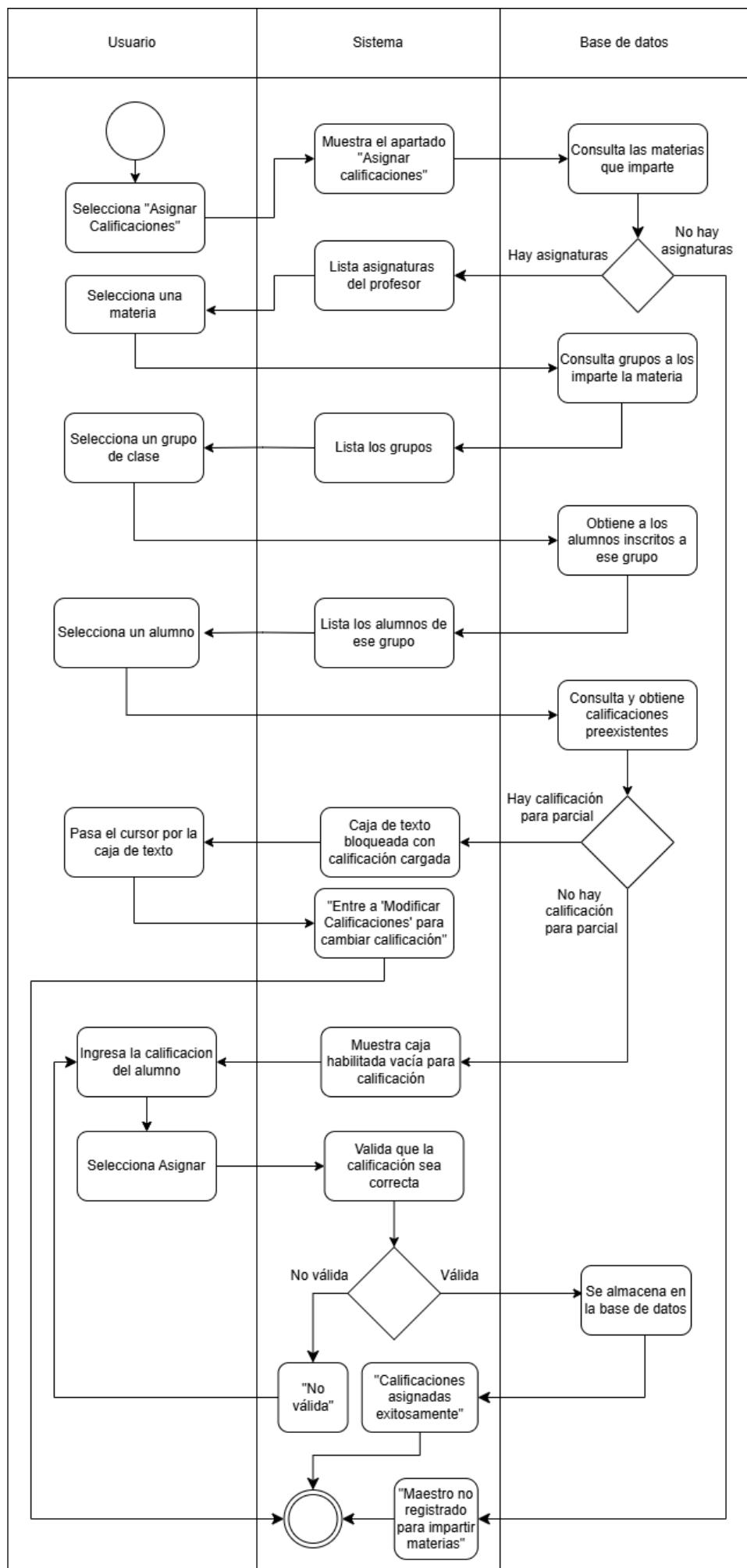
**SIGECA**

**Profesor**  
LISTA PROFESORES  
DE COSTALEGRE

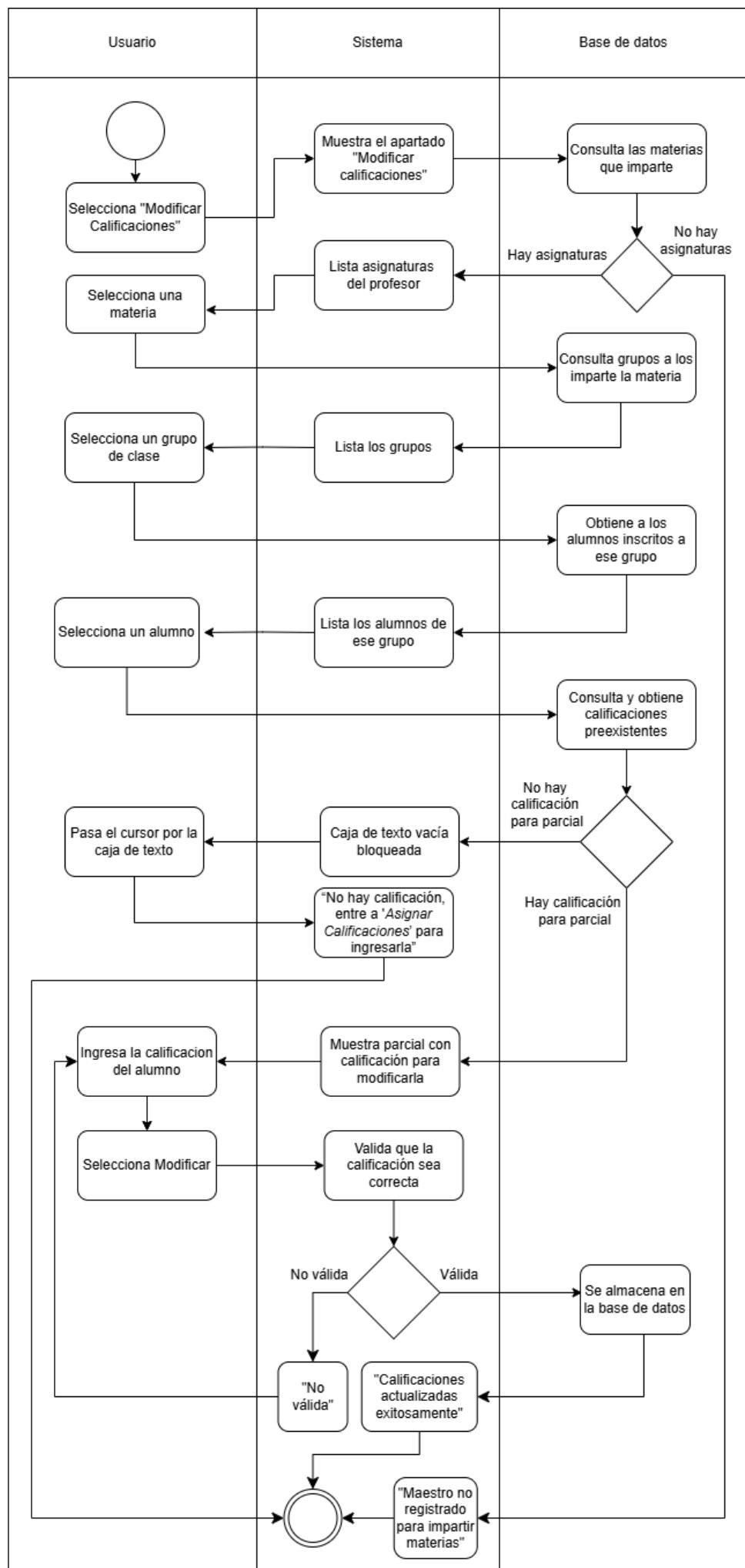
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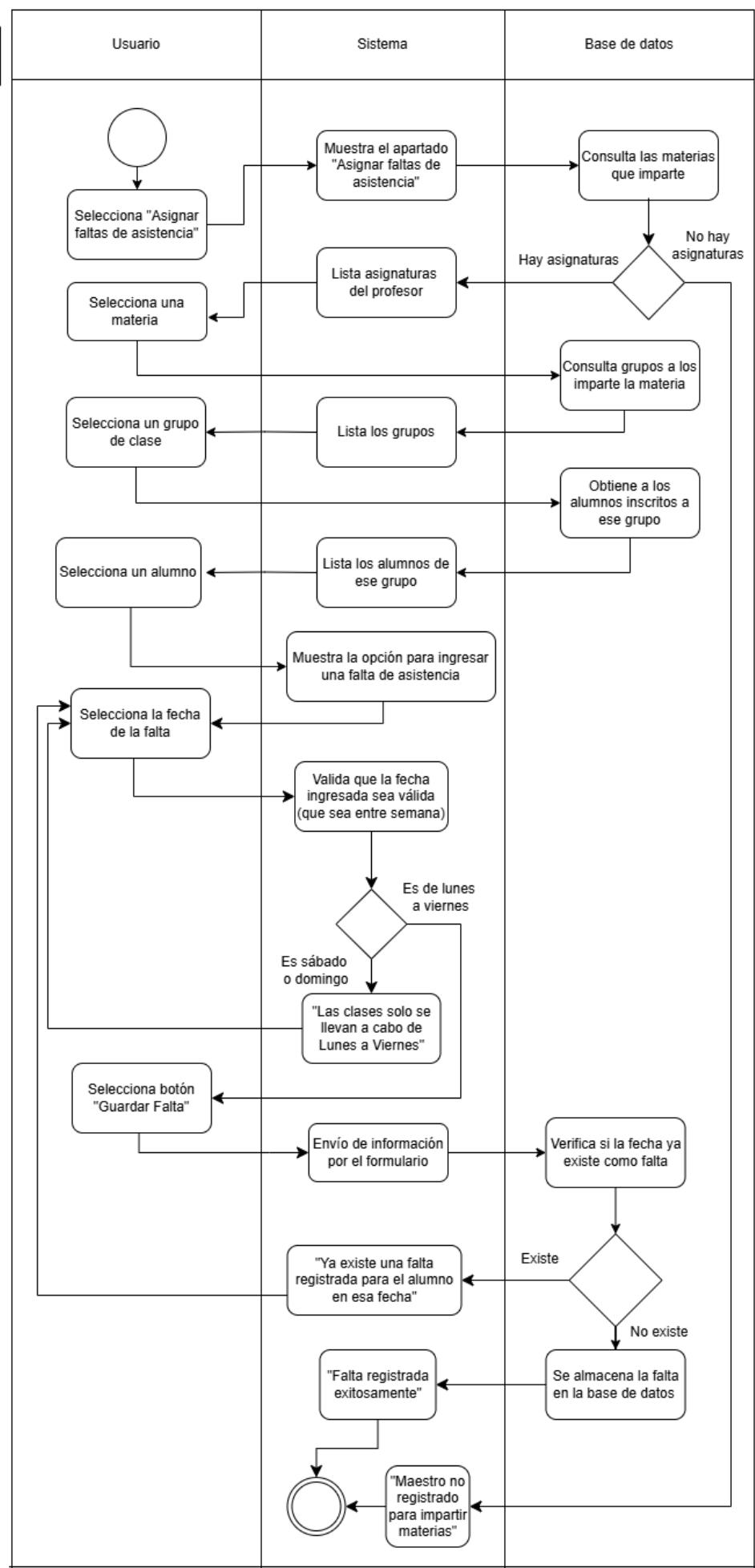
**Profesor**  
ASIGNAR  
CALIFICACION



**Profesor**  
MODIFICAR  
CALIFICACION

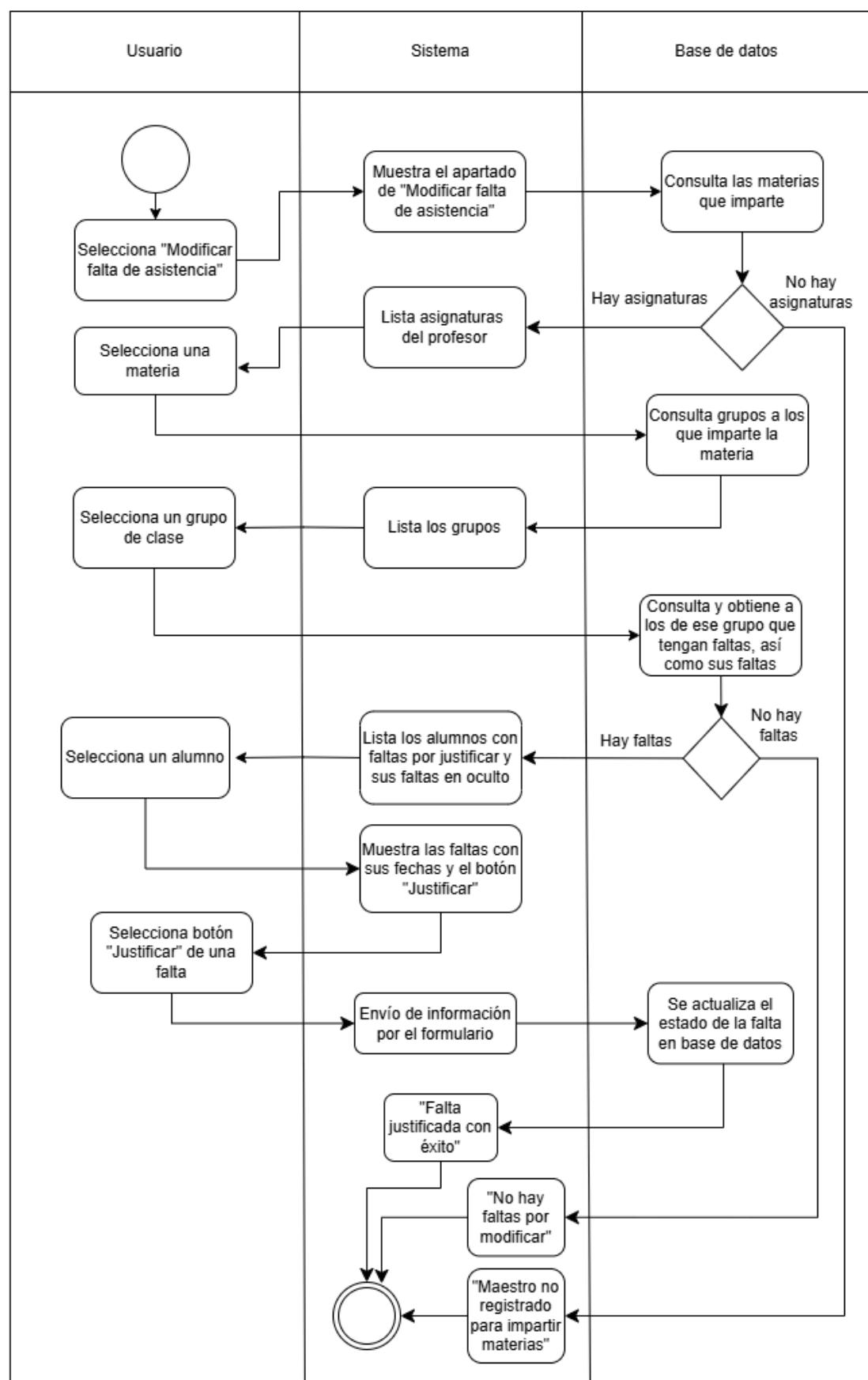


**Profesores**  
**Asignar faltas de asistencia**

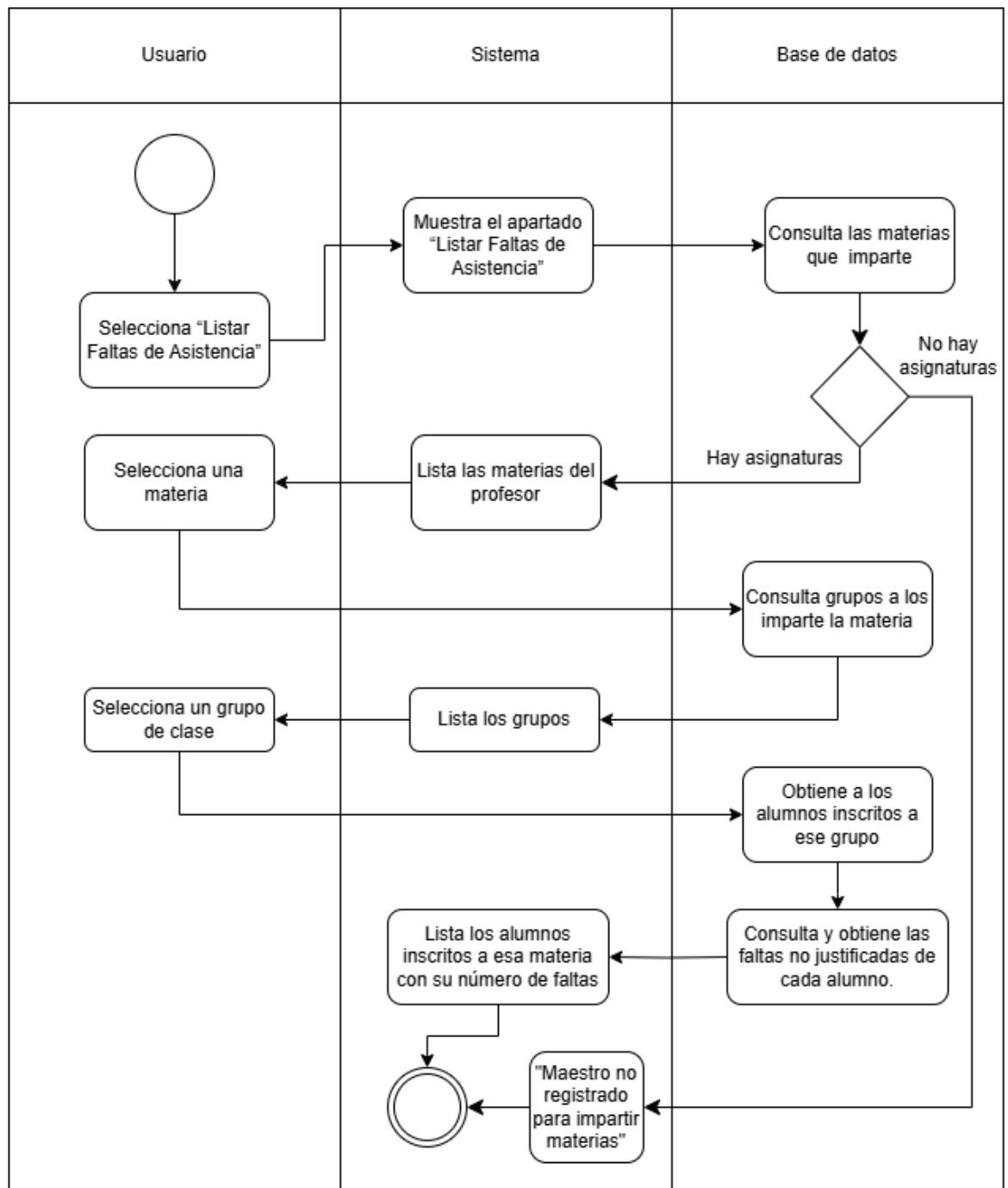


## Profesores

### Modificar faltas de asistencia

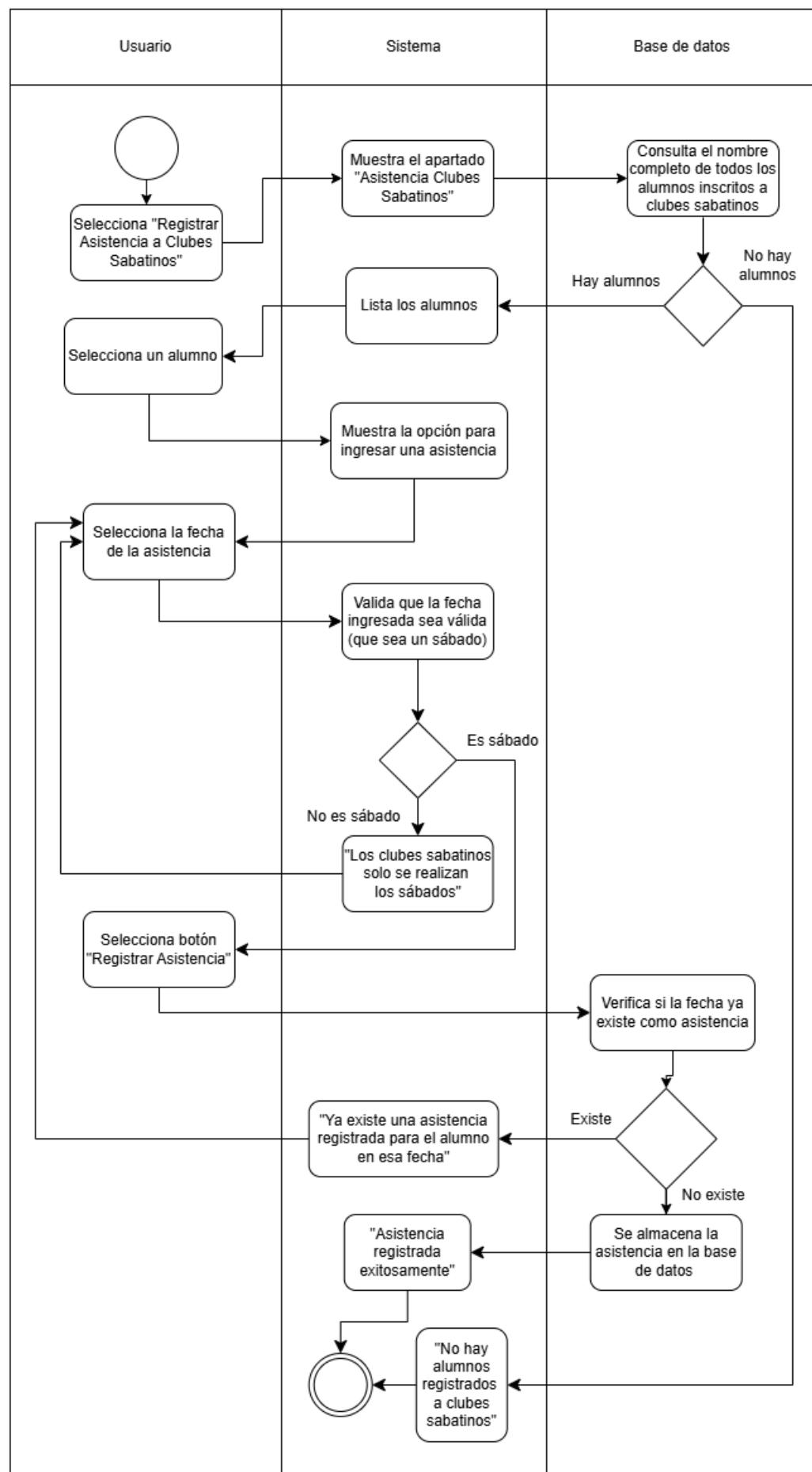


**Profesores**  
**Listado de**  
**Faltas de**  
**Asistencia**



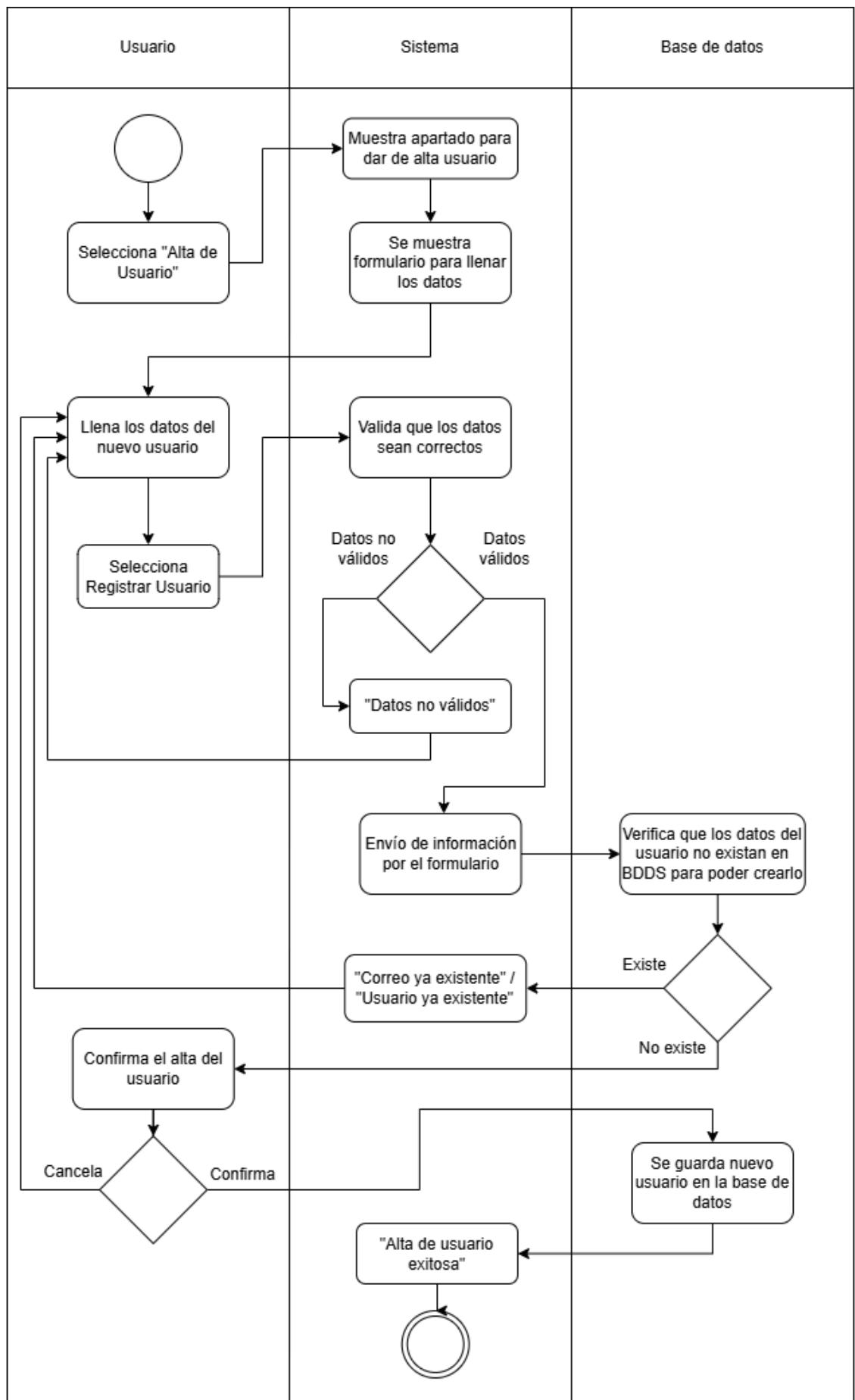
**SIGECA**

**Profesores**  
Registrar  
asistencia a  
clubes sabatinos



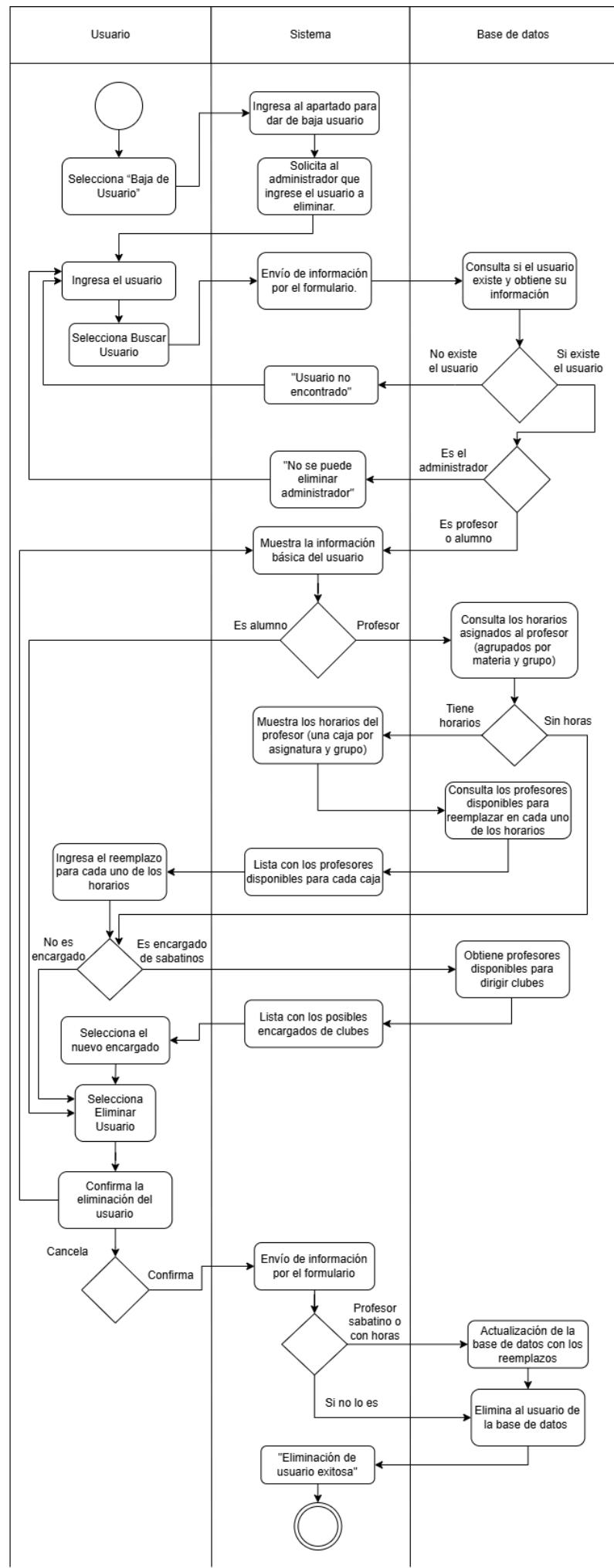
## Administrador

**Admin**  
**Dar de alta a un usuario**

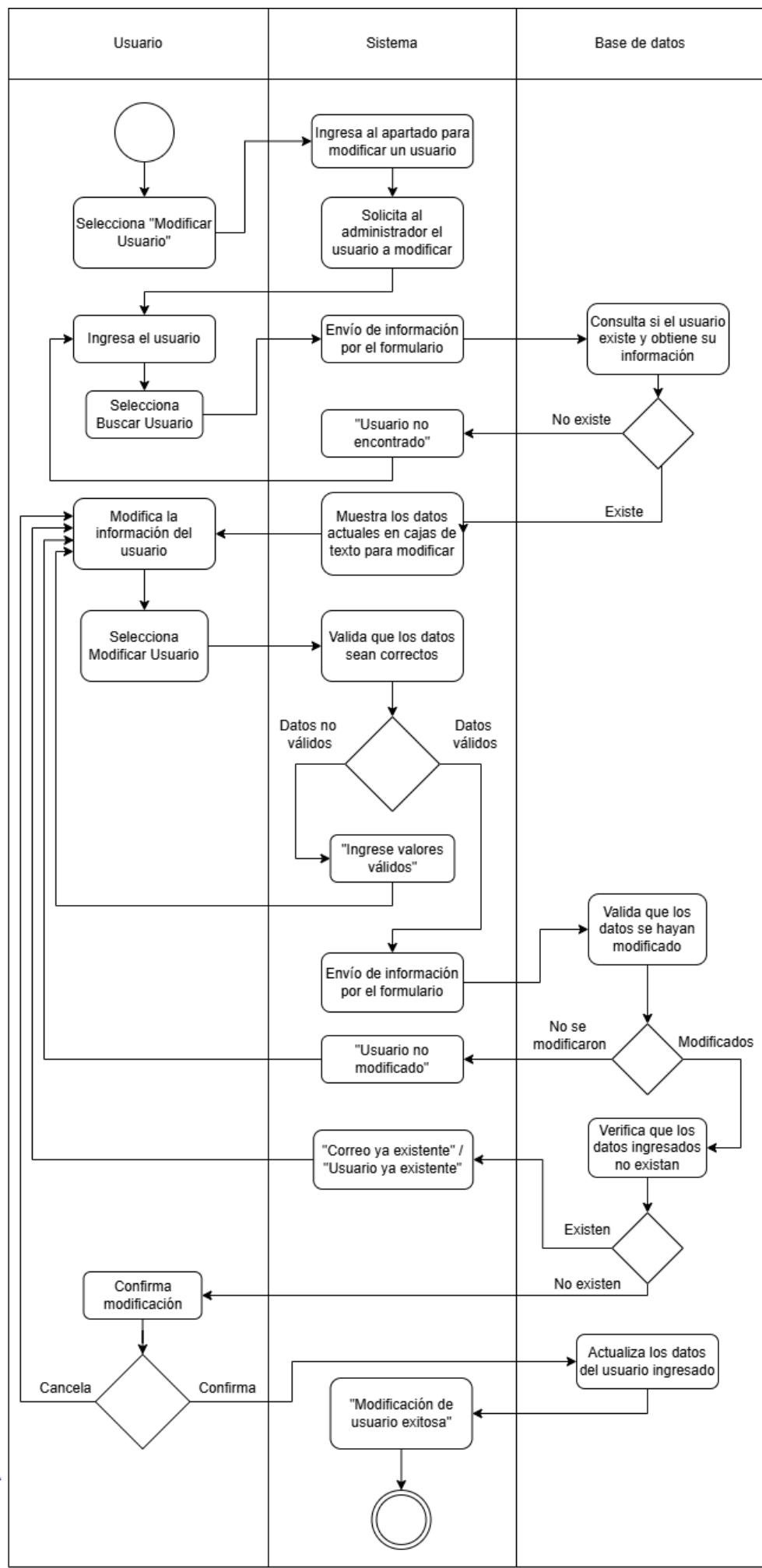


**SIGECA**

**Admin**  
**Dar de baja  
a un usuario**

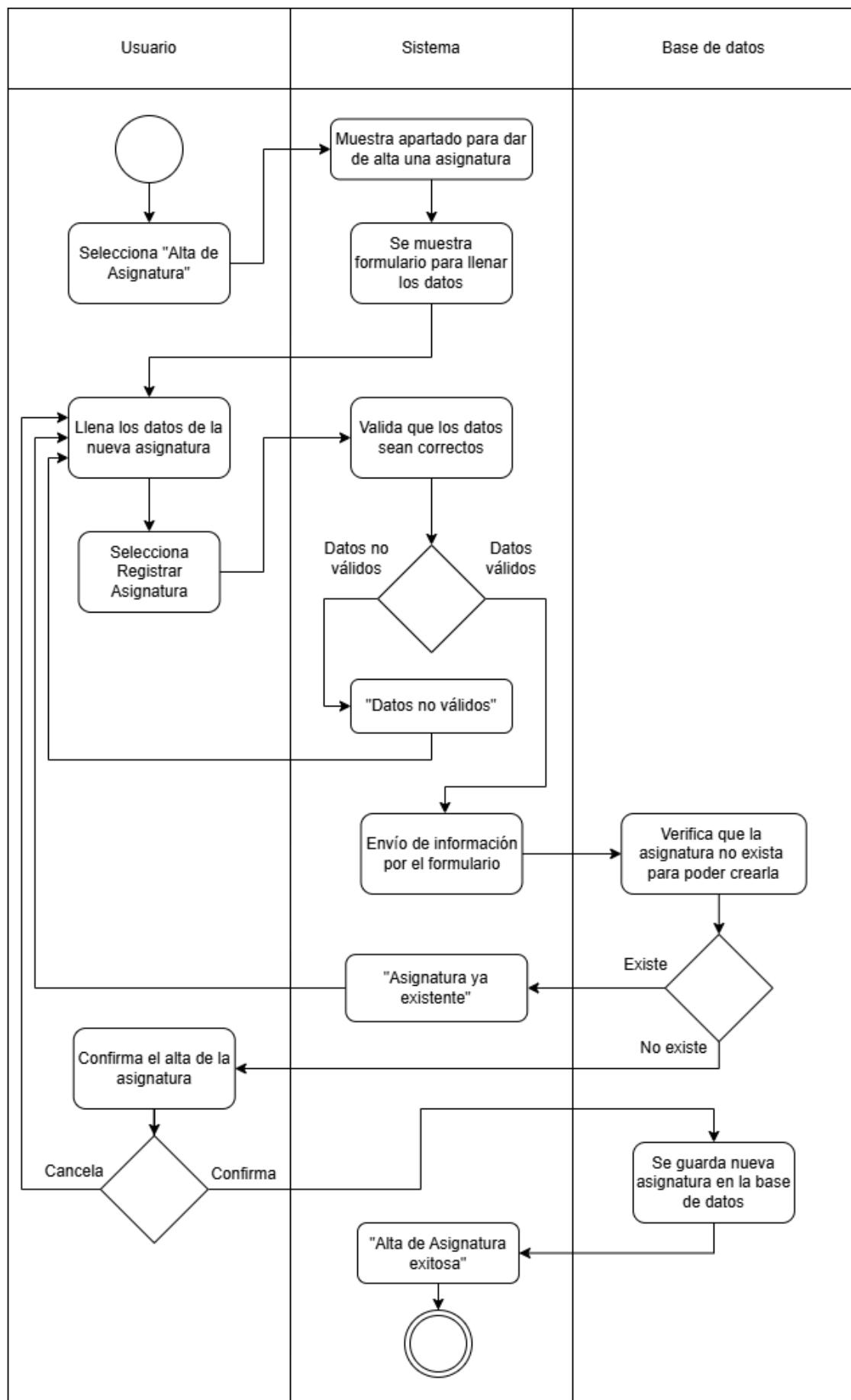


**Admin**  
Modificar información de un usuario



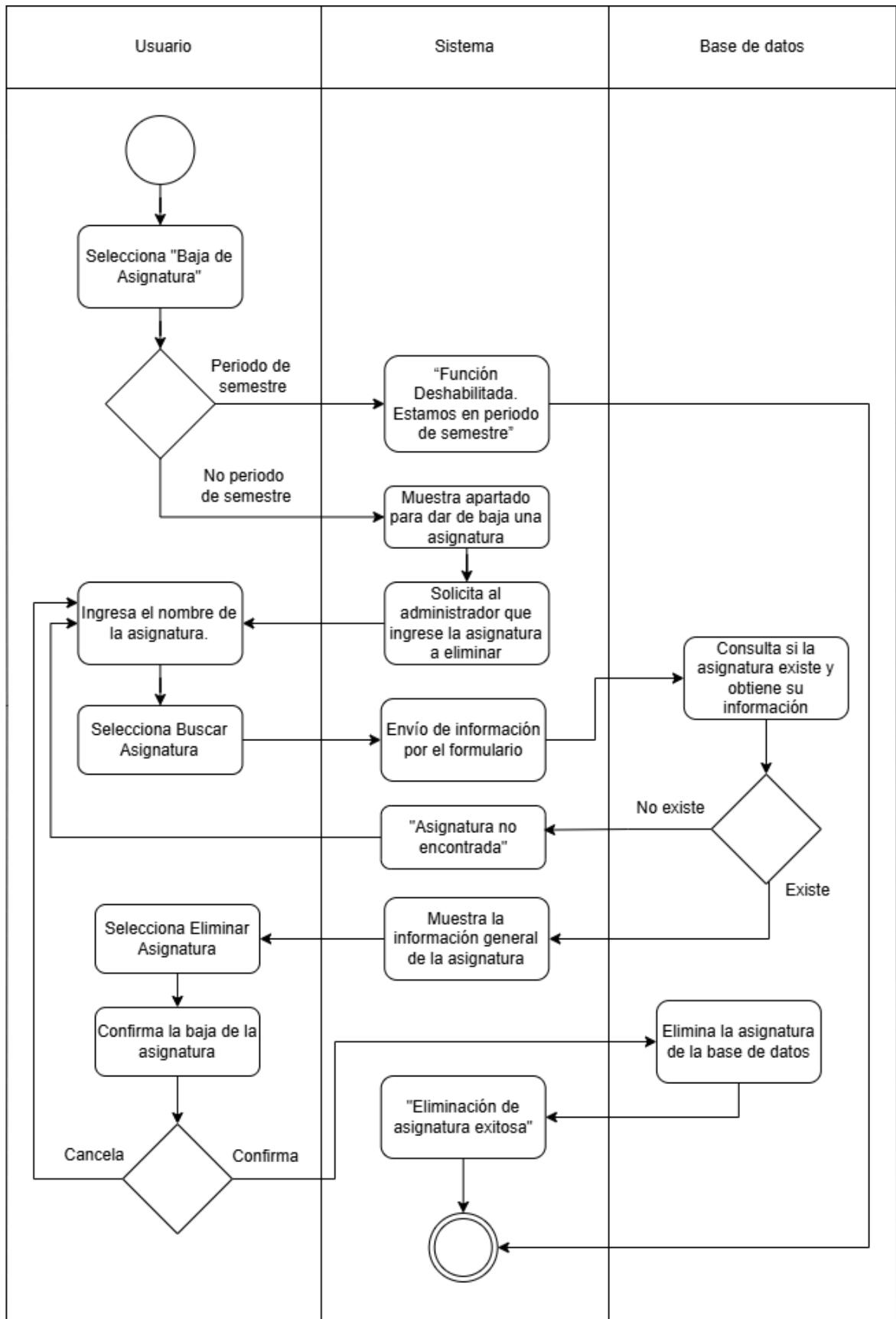
## **Admin**

### Dar de alta una asignatura



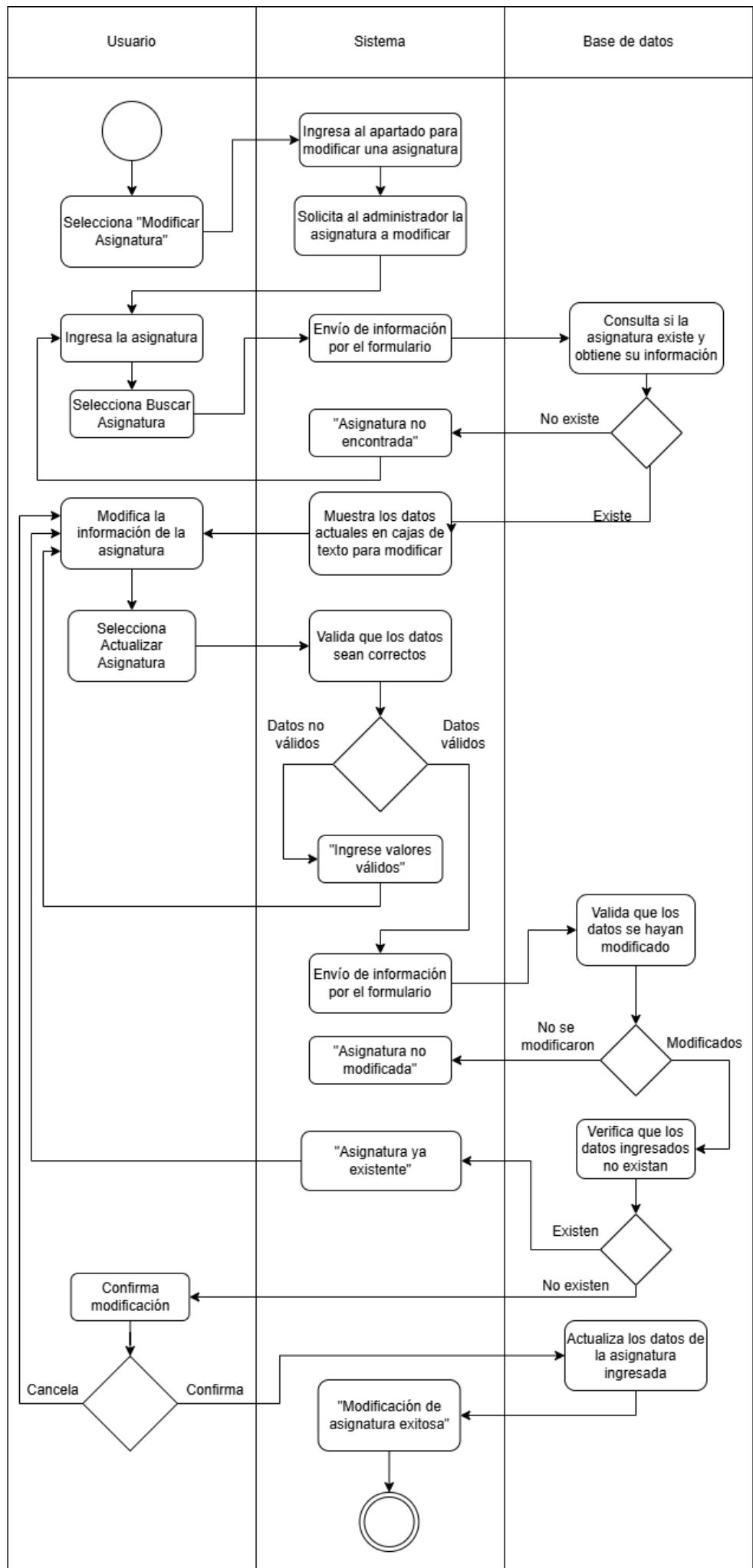
**Admin**

**Dar de baja a una asignatura**

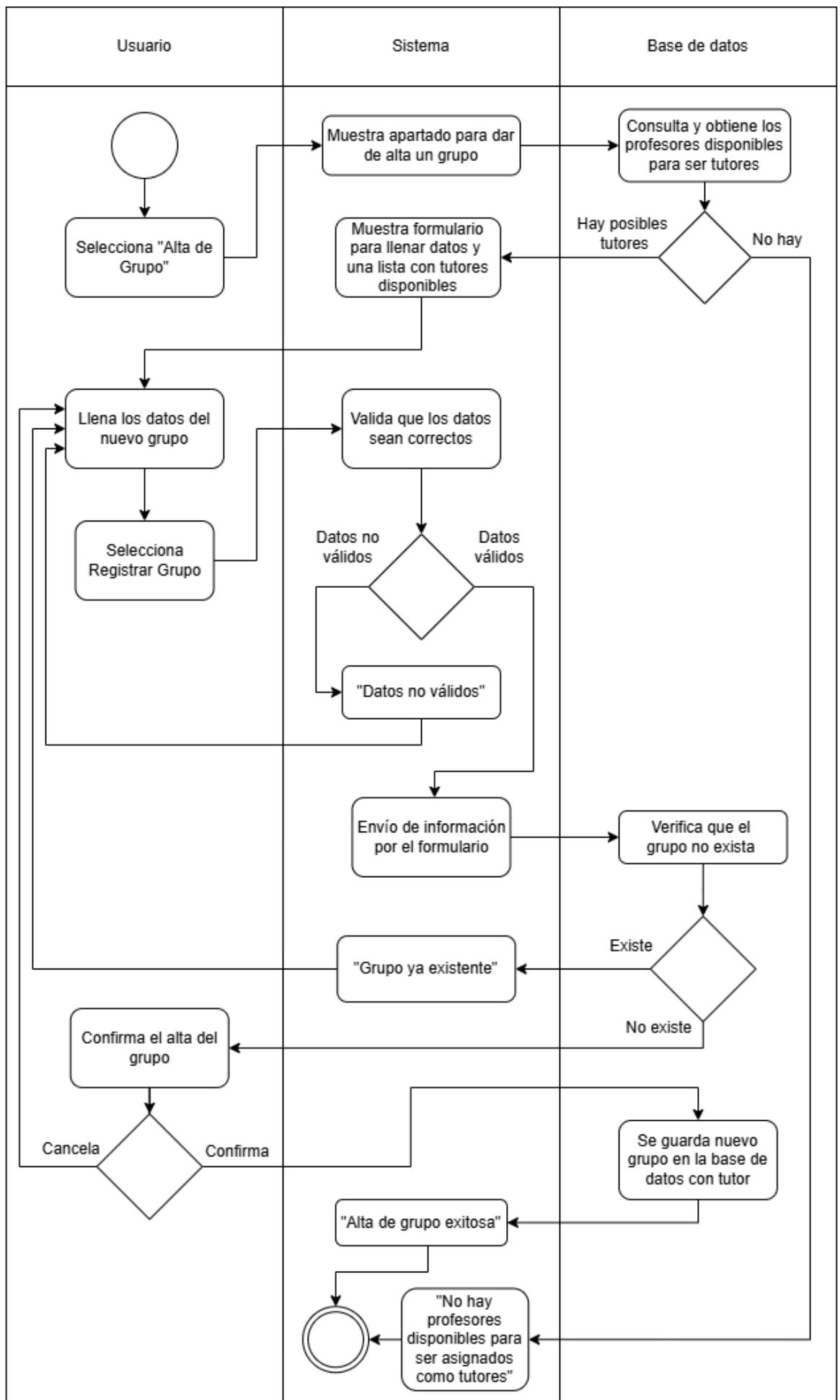


**SIGECA**

**Admin**  
Modificar una asignatura

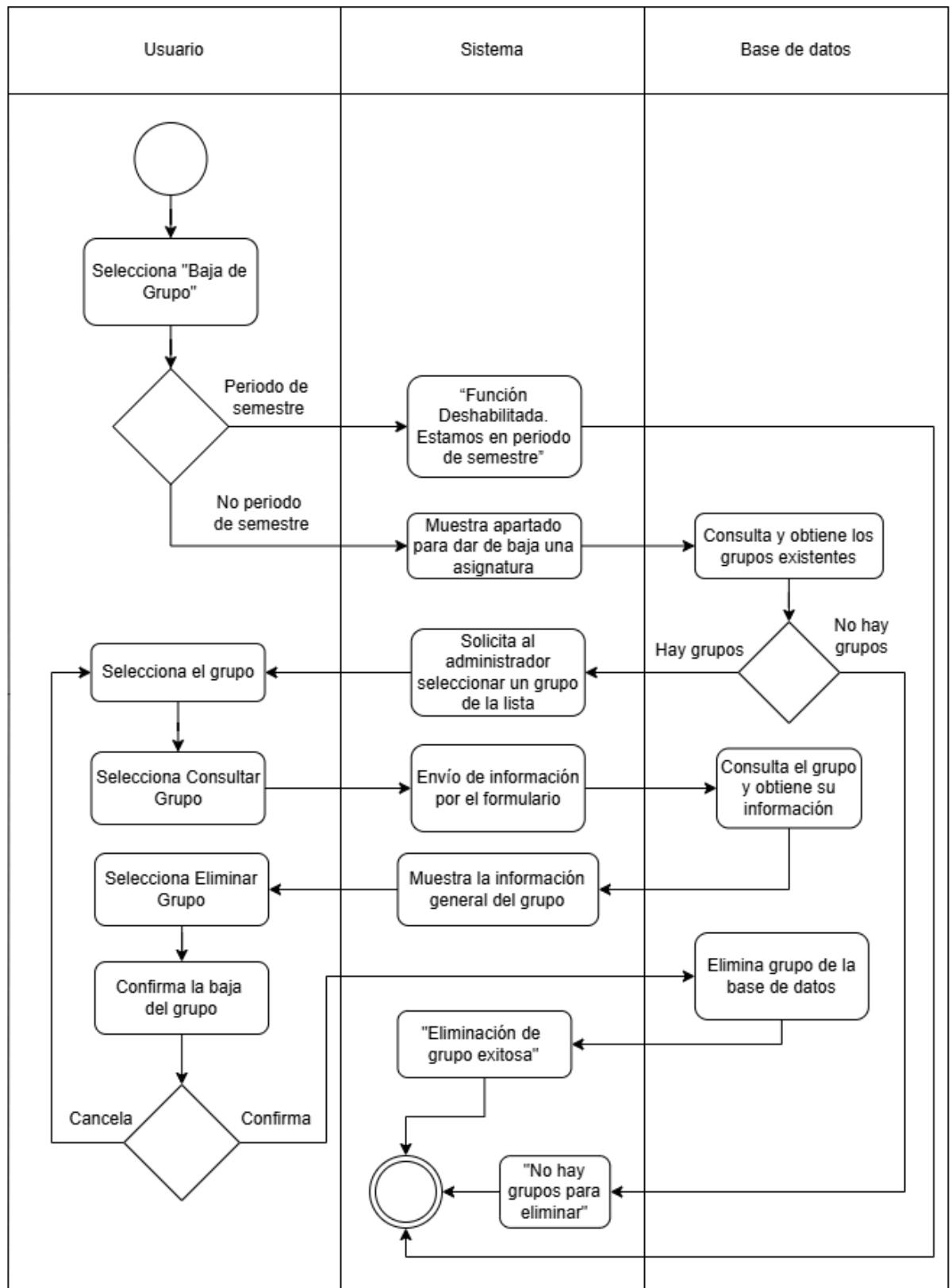


**Admin**  
**Dar de alta  
un grupo**

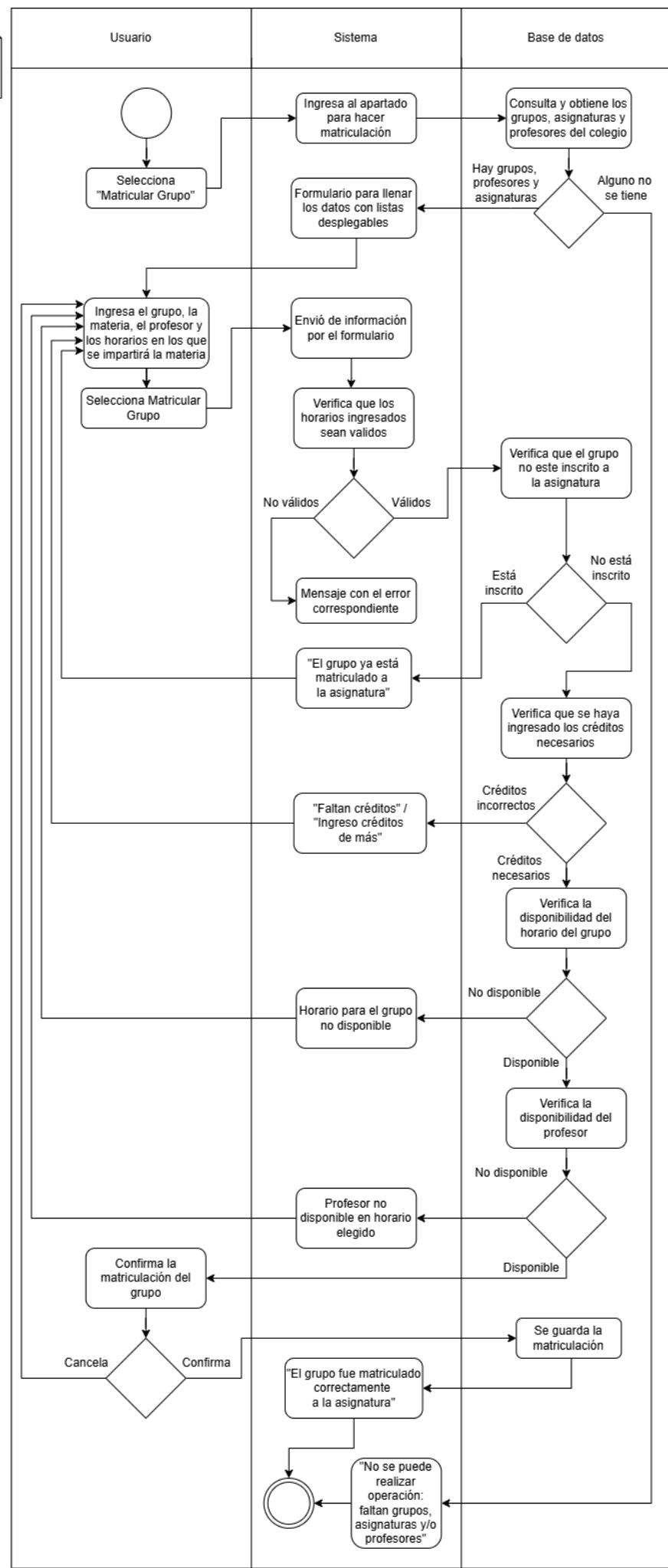


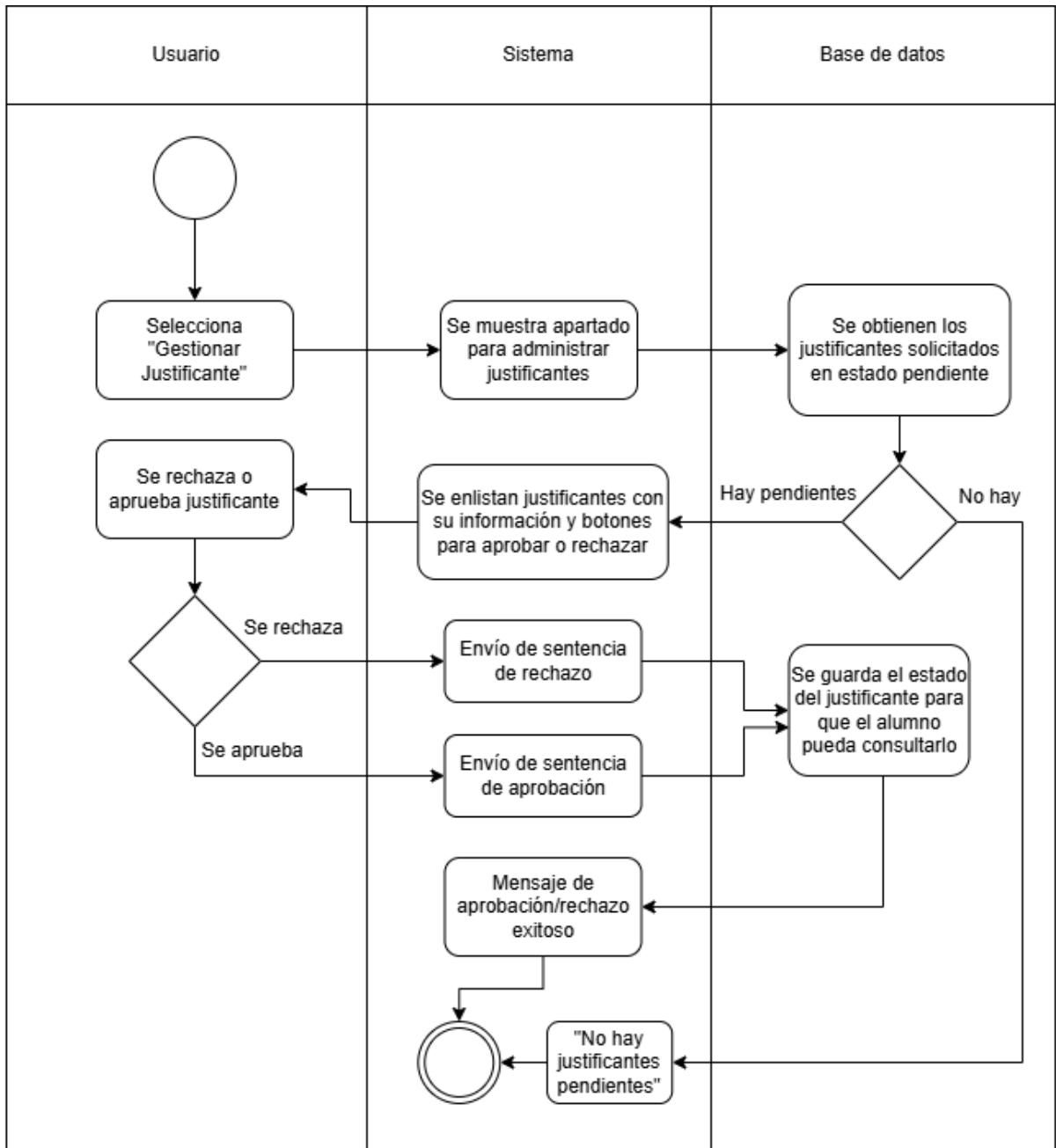
Admin

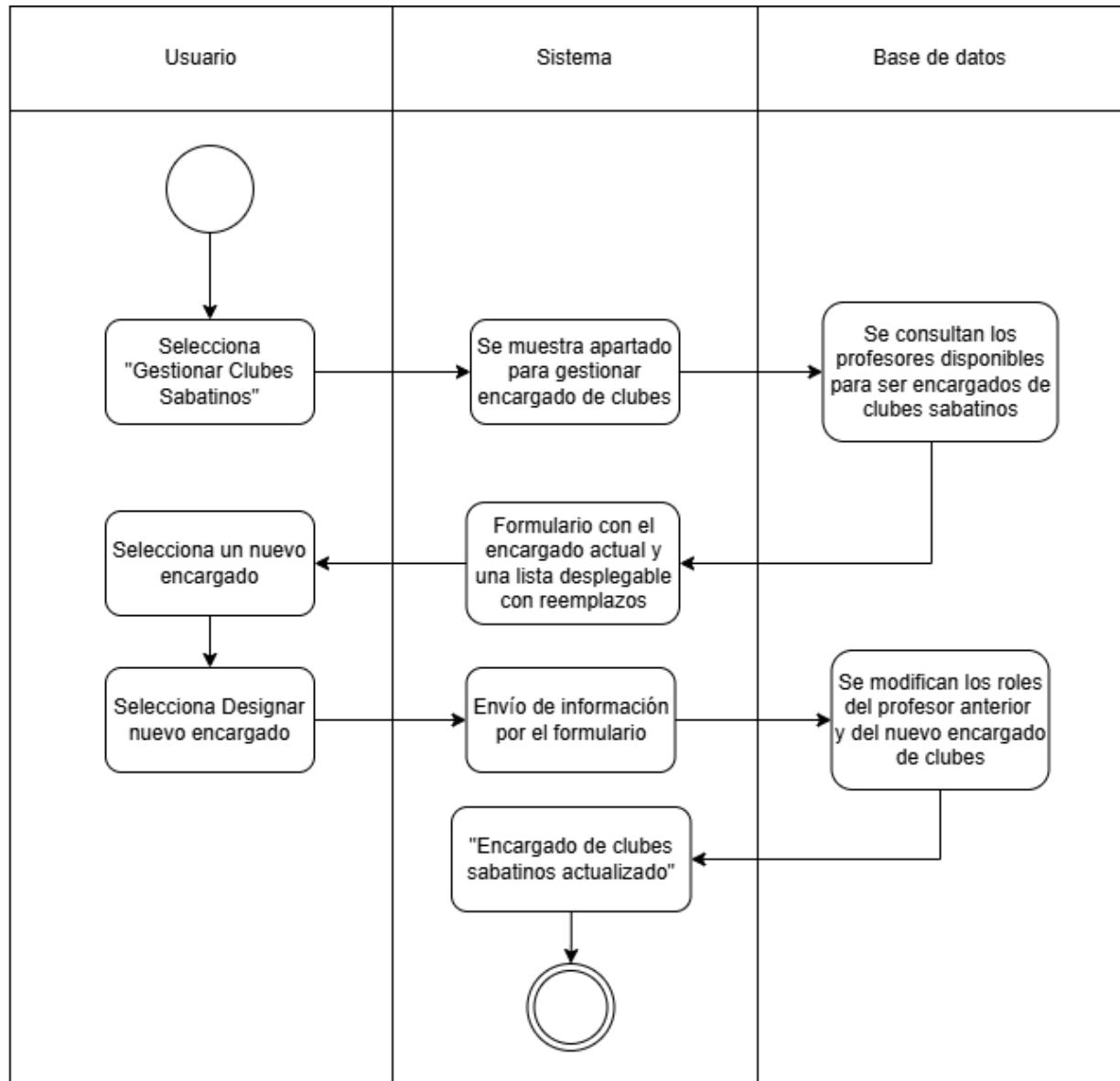
Dar de baja un grupo



**Admin**  
**Matricular  
grupo a  
asignatura**

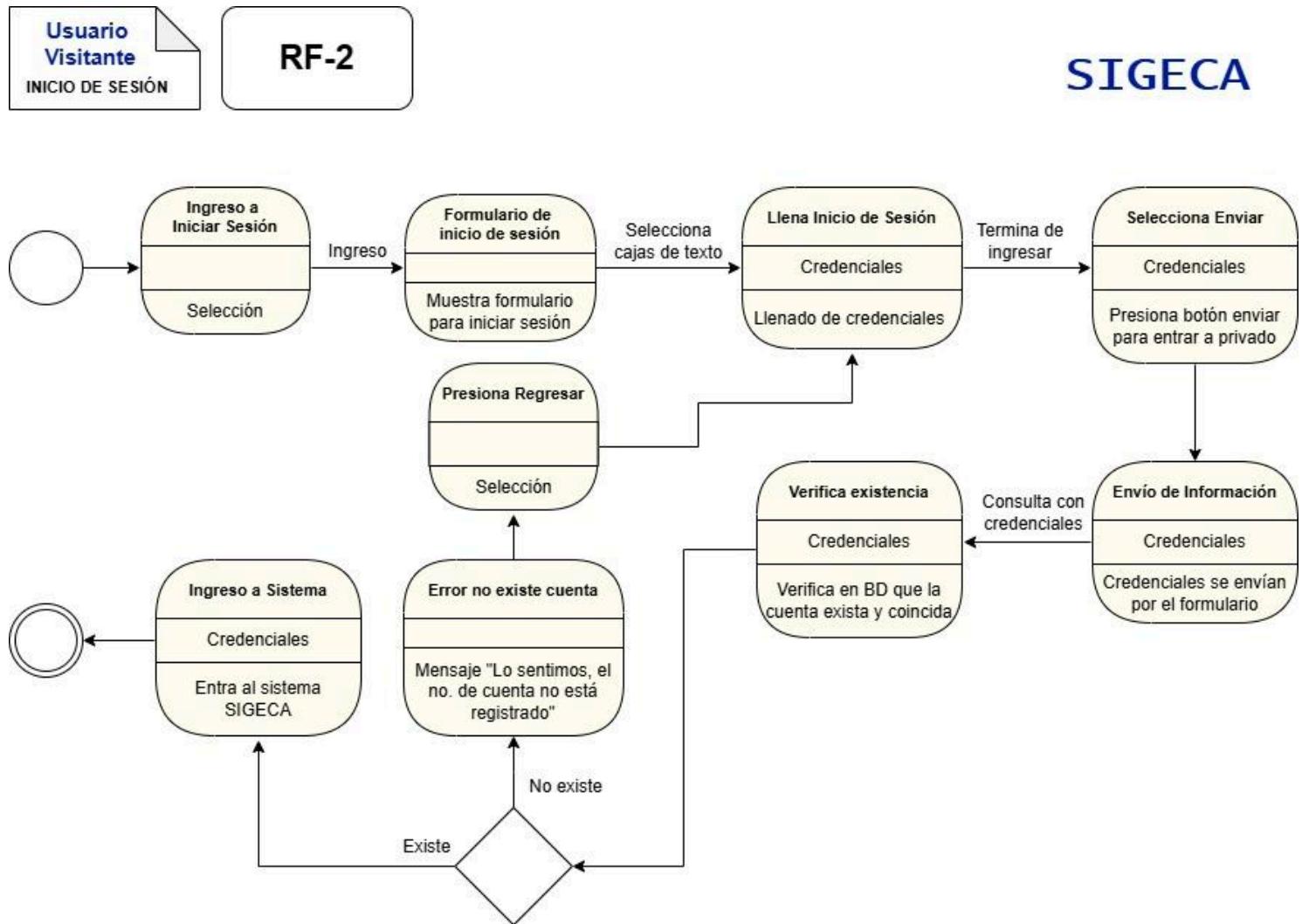






# Diagramas de Estado

## Usuarios no Registrados (Visitantes)

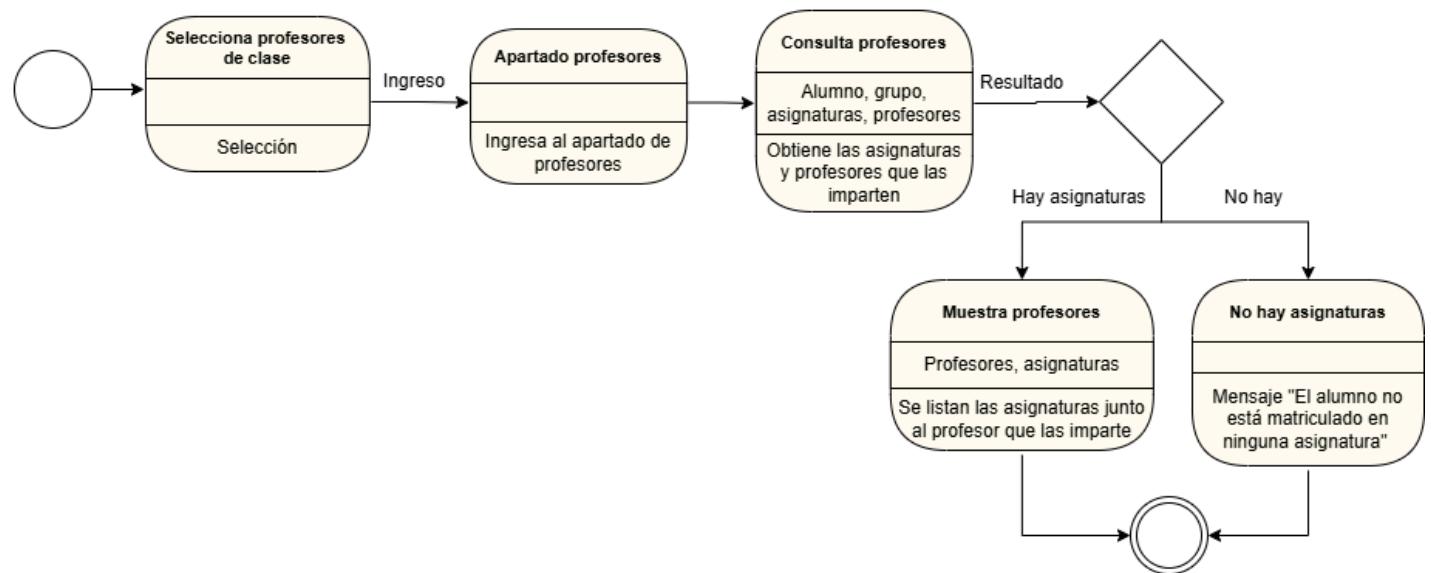


## Alumno/Padre

Alumno/Padre  
CONSULTA PROFESORES  
QUE LE IMPARTEN

RF-3

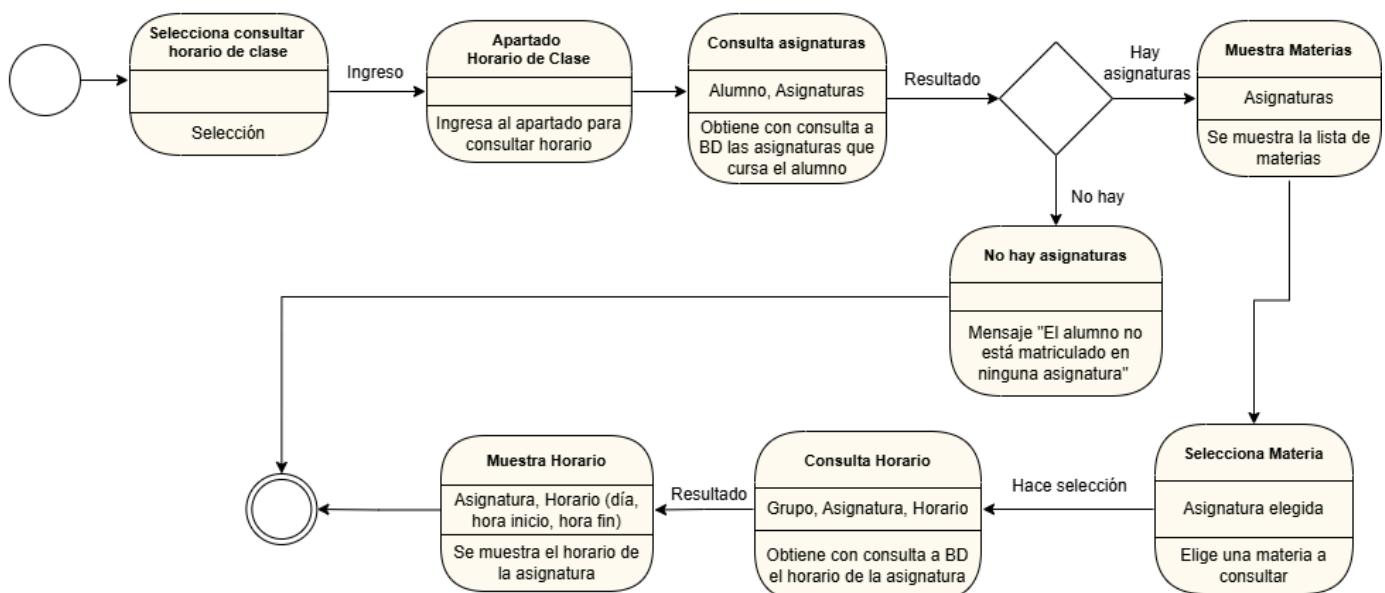
SIGECA



**Alumno/Padre**  
CONSULTA HORARIO

**RF-4**

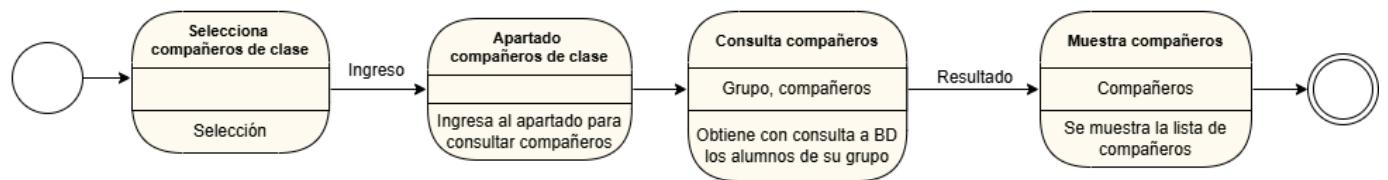
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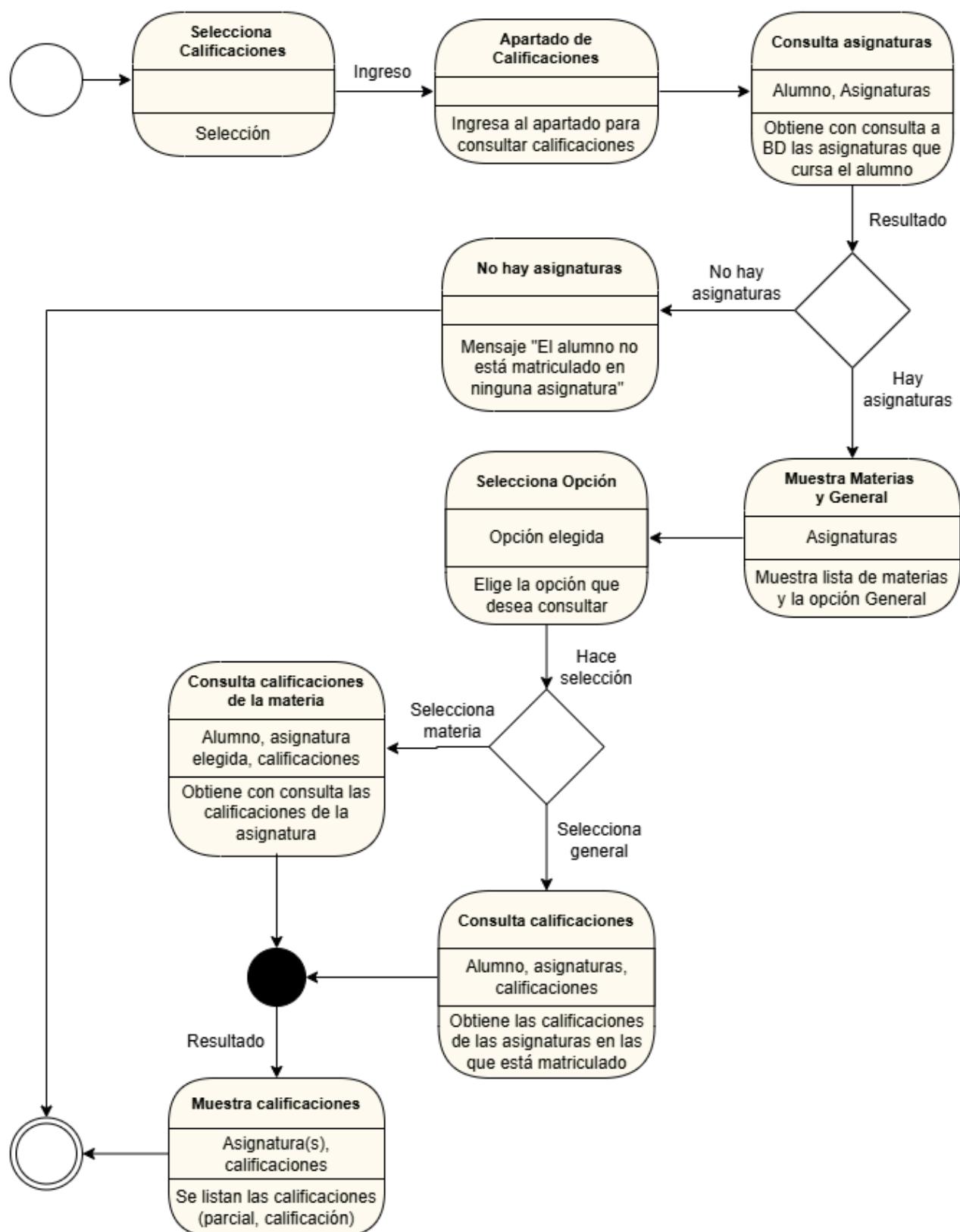


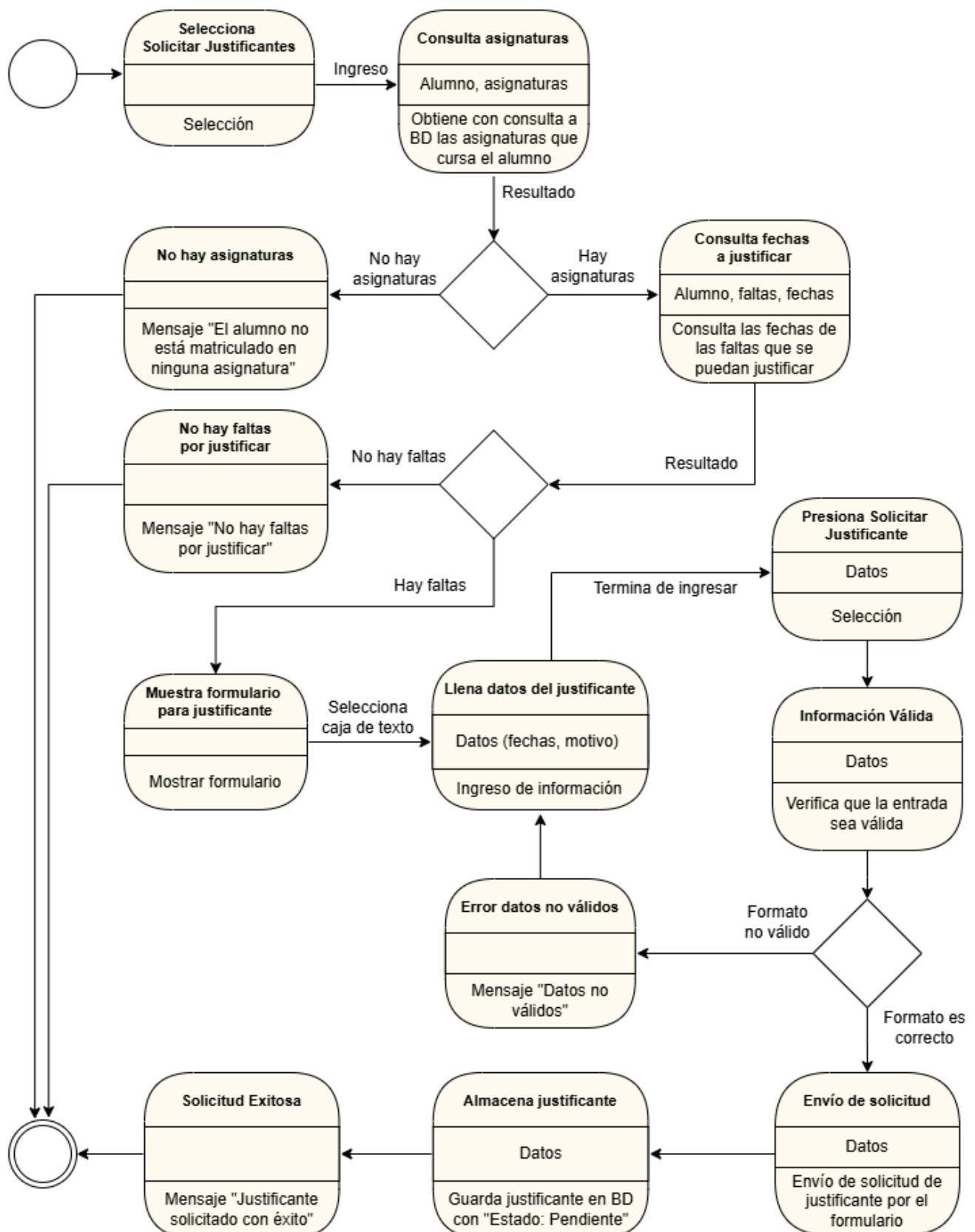
Alumno/Padre  
CONSULTA  
COMPAÑEROS

RF-5

SIGECA



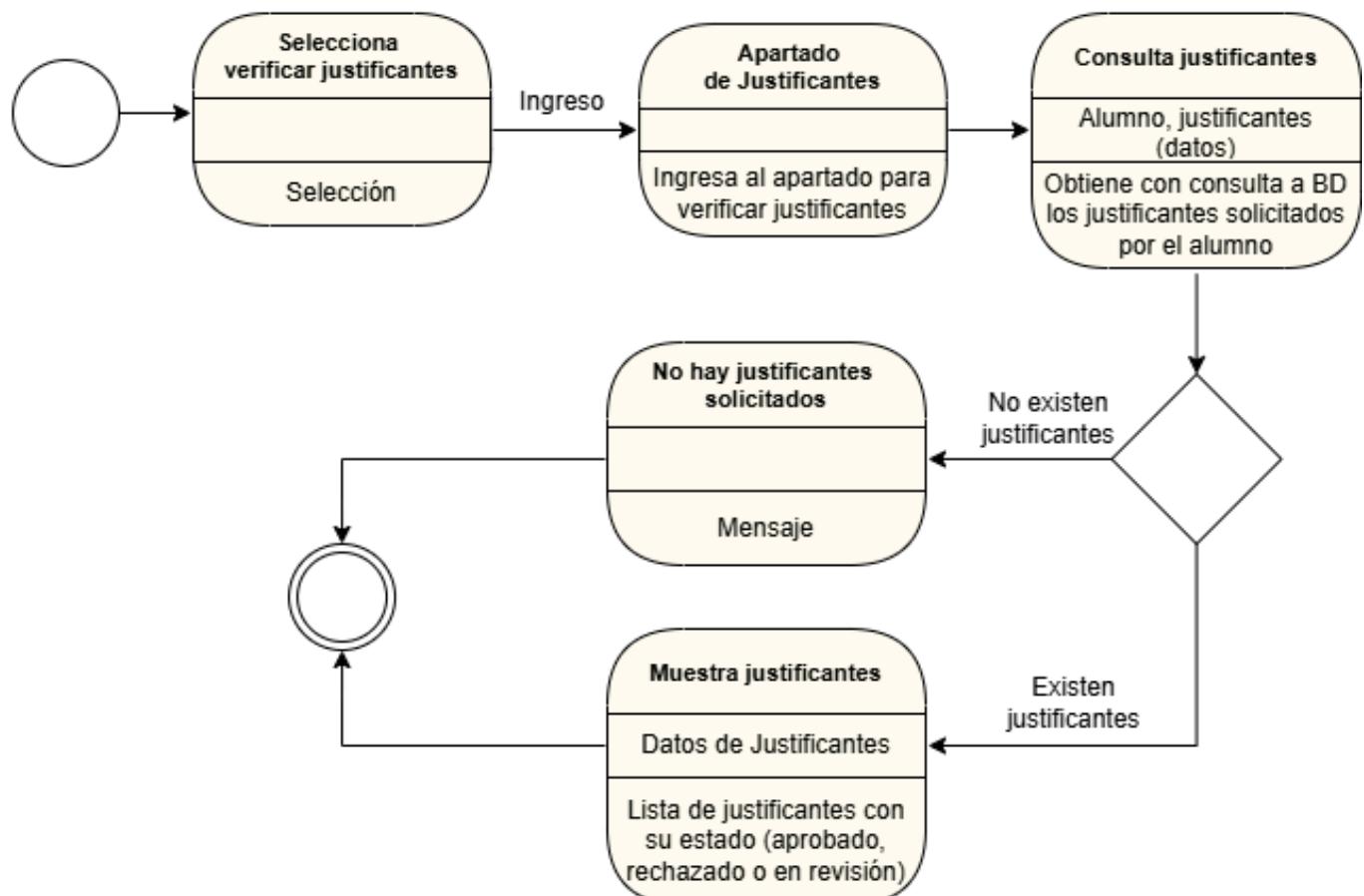


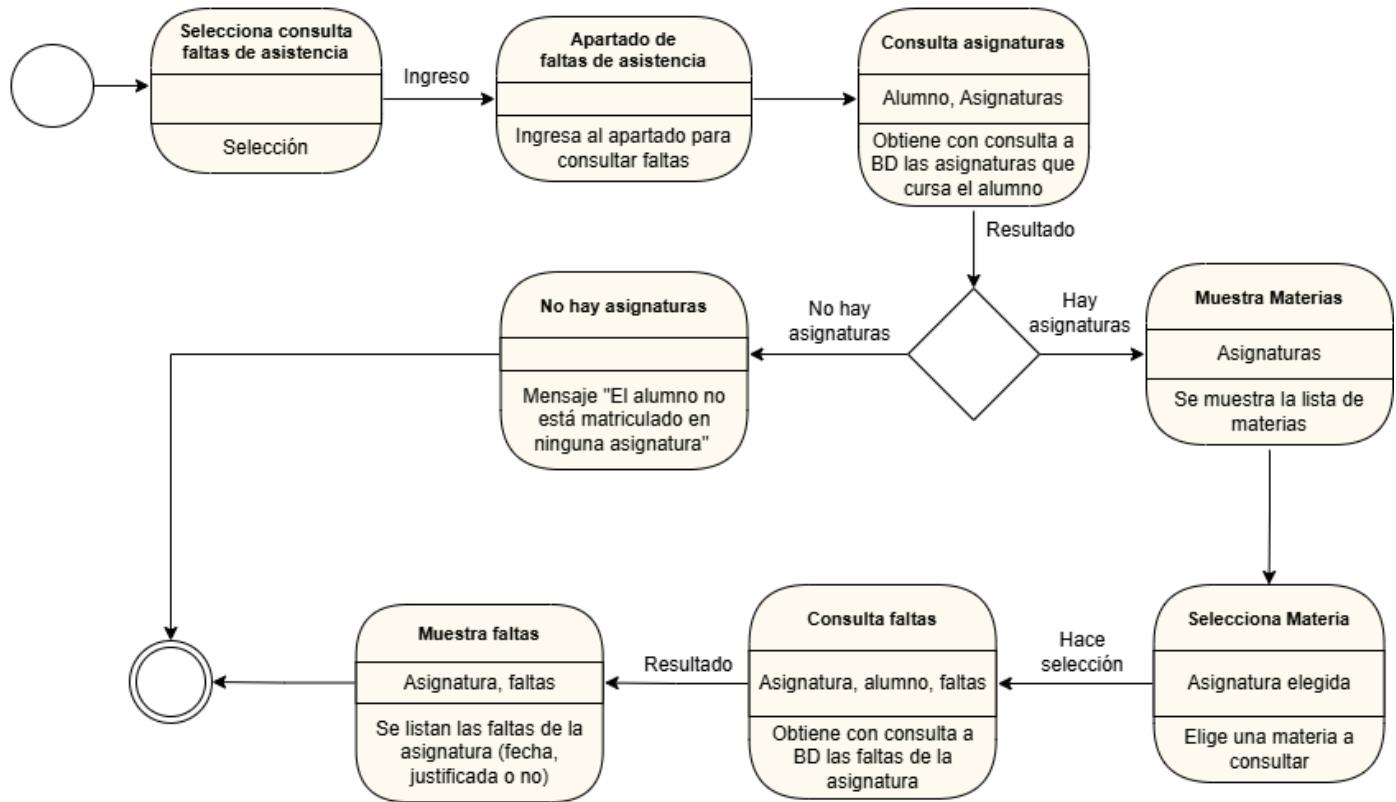


**Alumno/Padre**  
VERIFICAR  
JUSTIFICANTES

**RF-7.2**

**SIGECA**

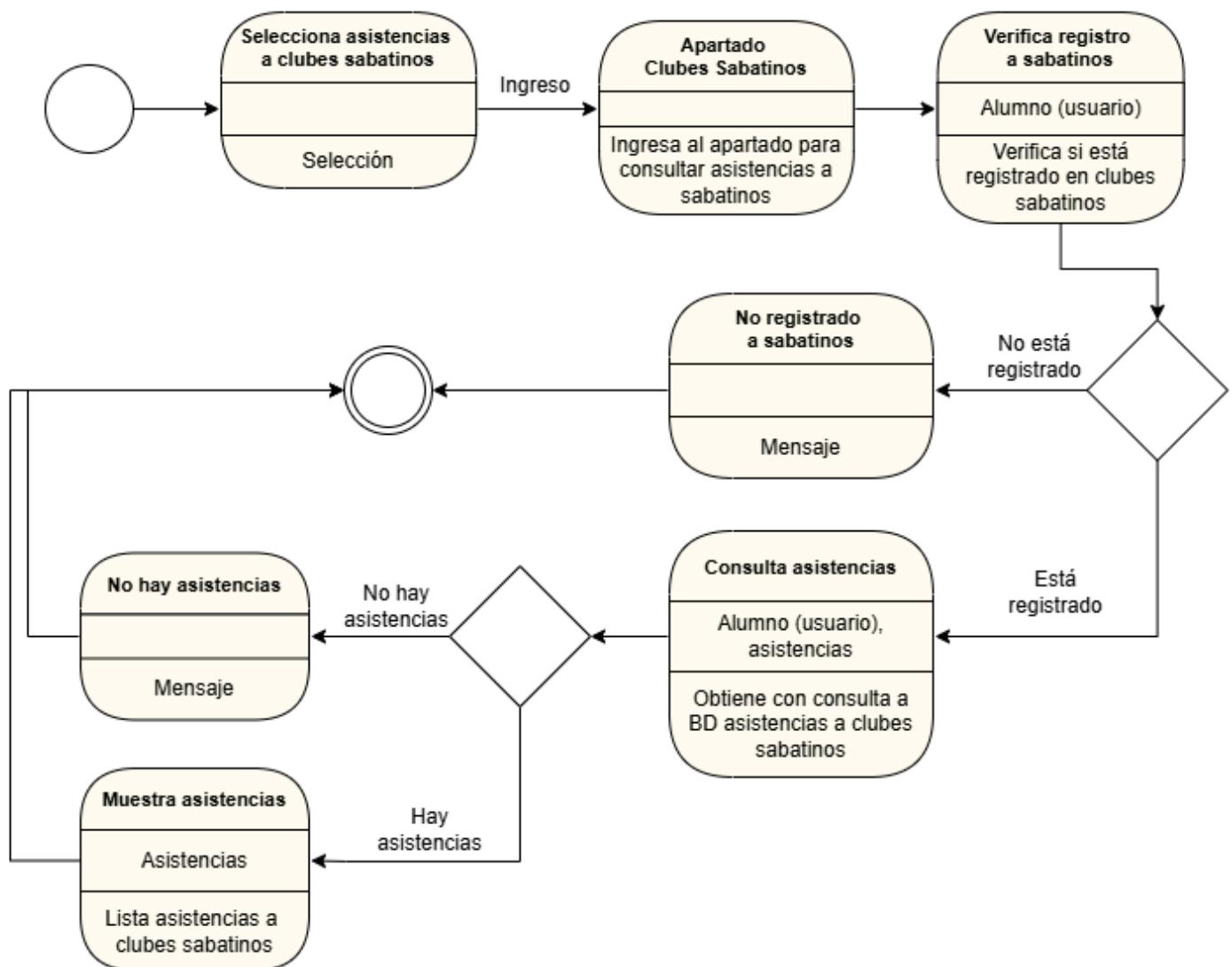




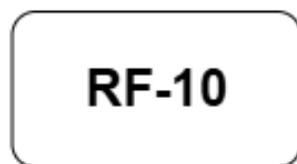
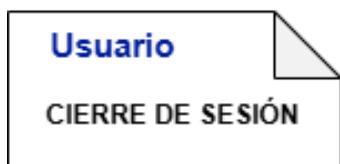
**Alumno/Padre**  
CONSULTA ASISTENCIAS  
A CLUBES SABATINOS

**RF-9**

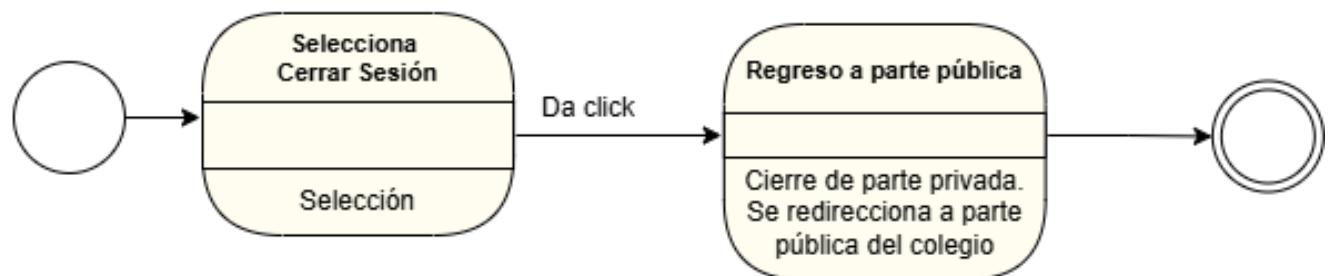
**SIGECA**



## Usuarios Registrados



**SIGECA**

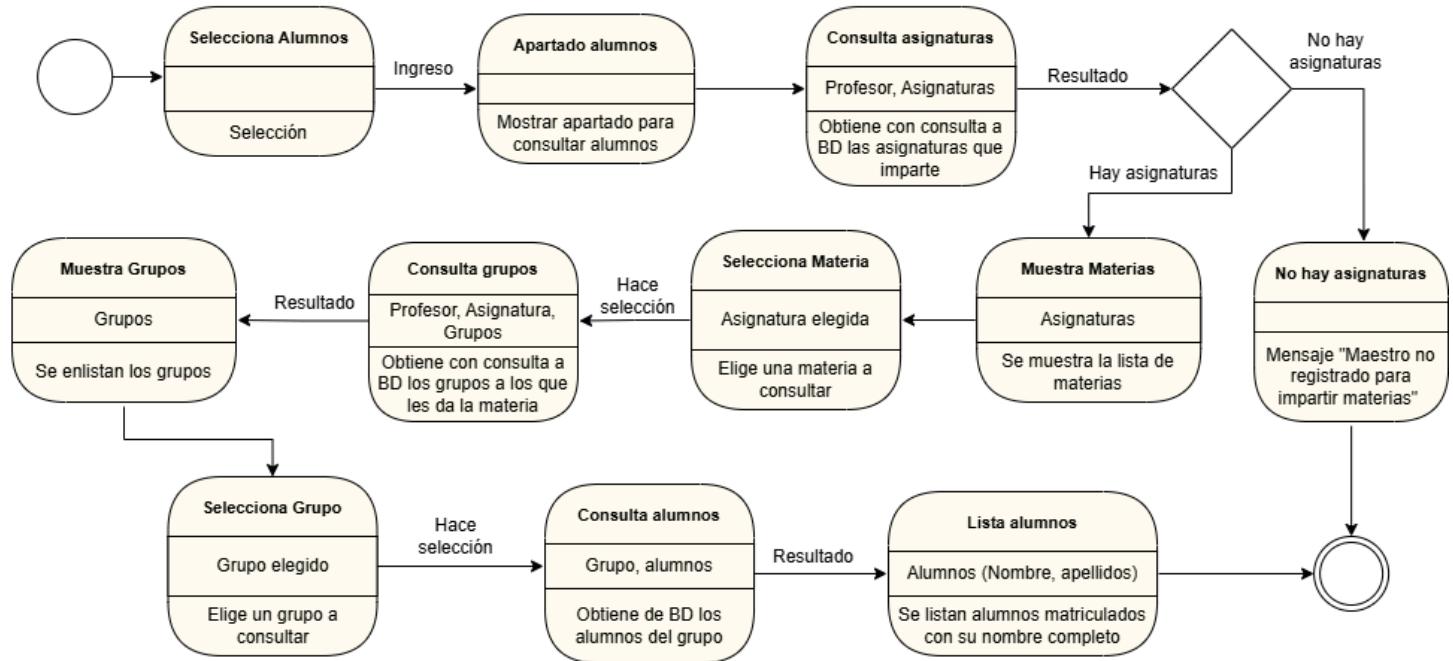


## Profesor

Profesor  
CONSULTA ALUMNOS

RF-11

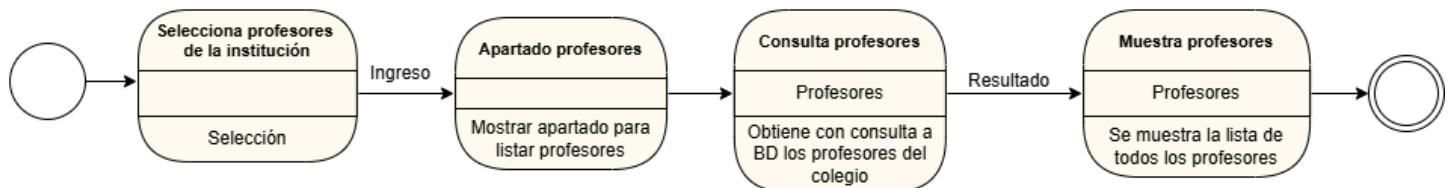
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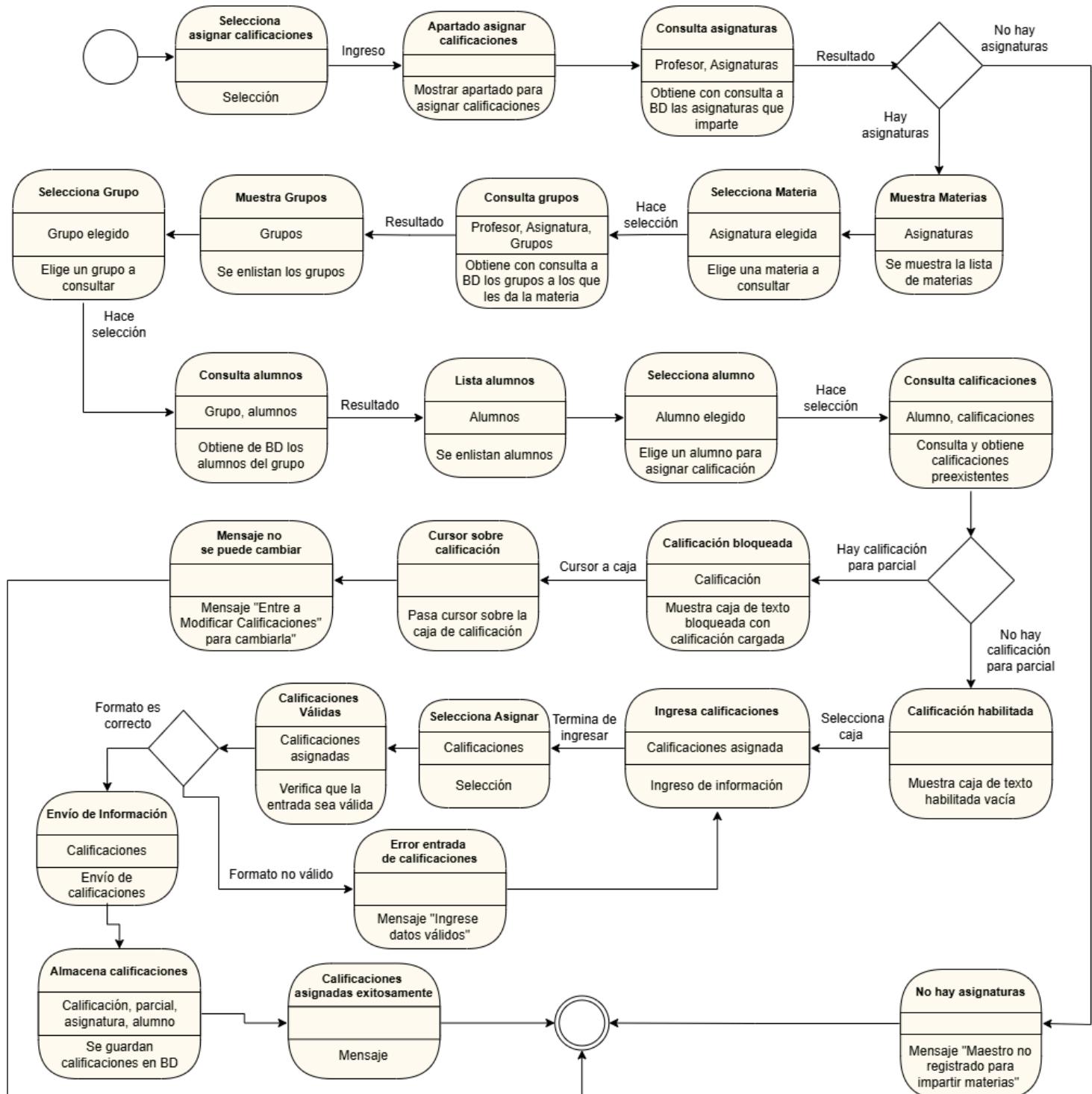


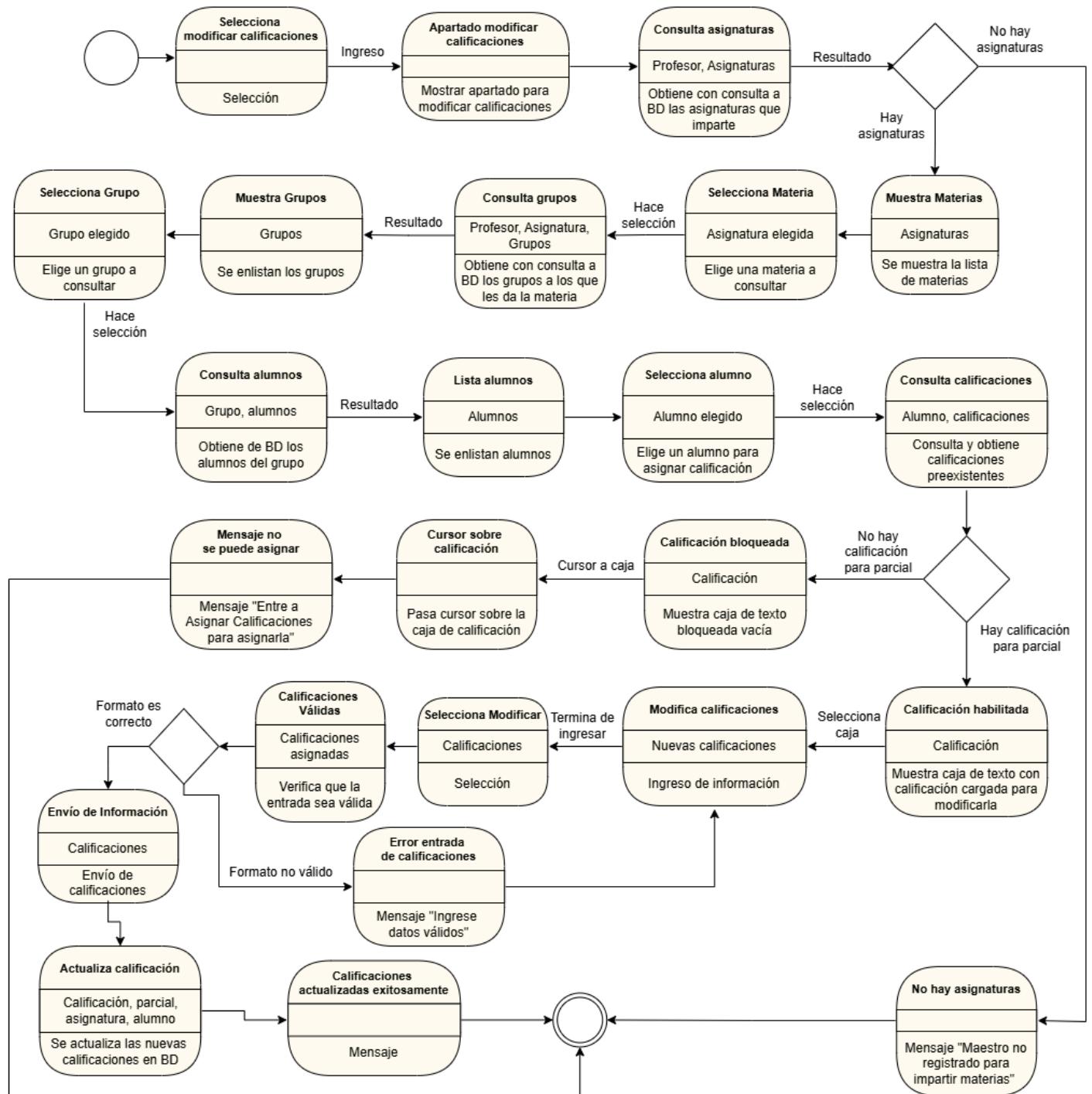
**Profesor**  
LISTA PROFESORES  
DE COSTALEGRE

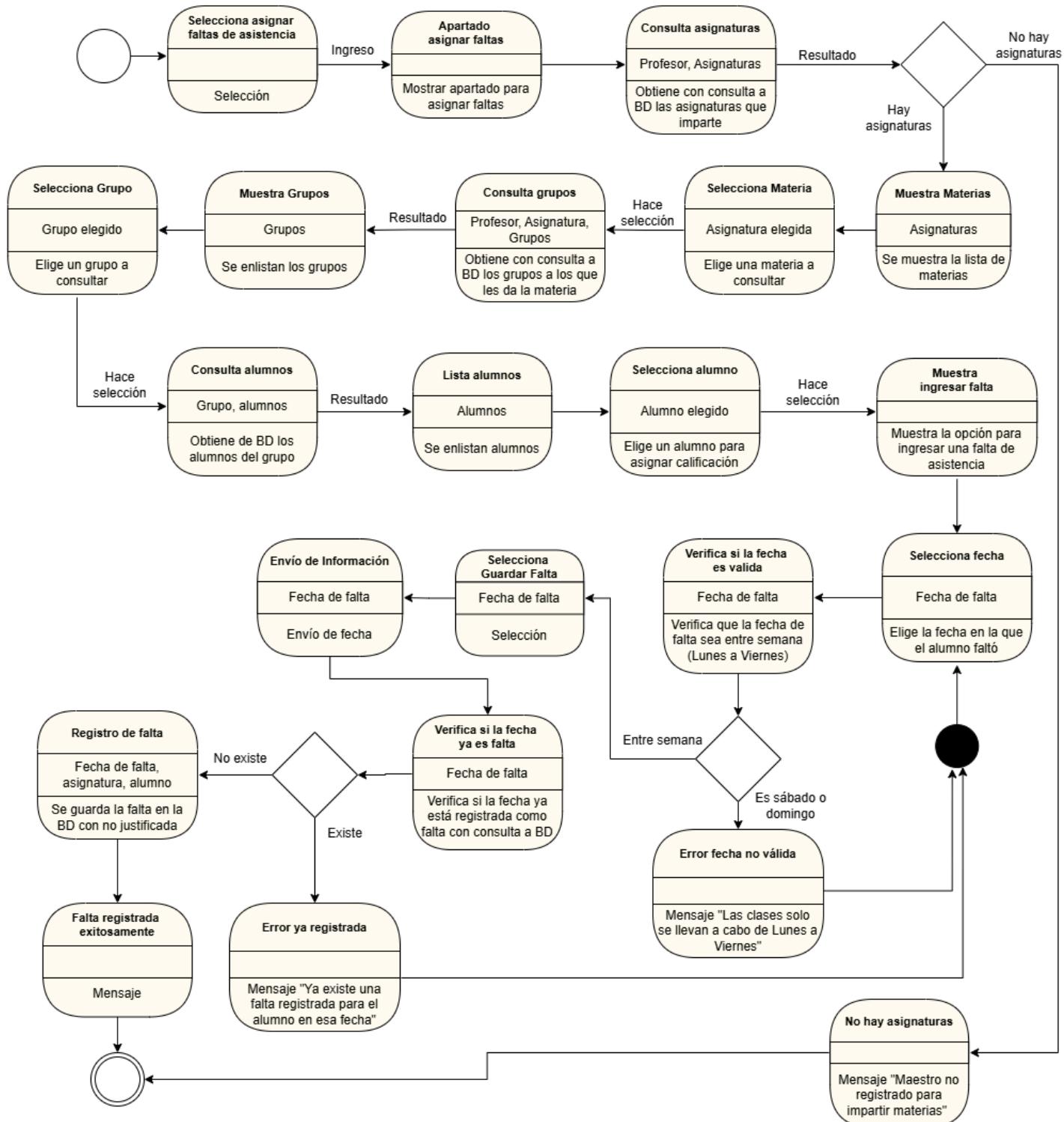
**RF-12**

**SIGECA**





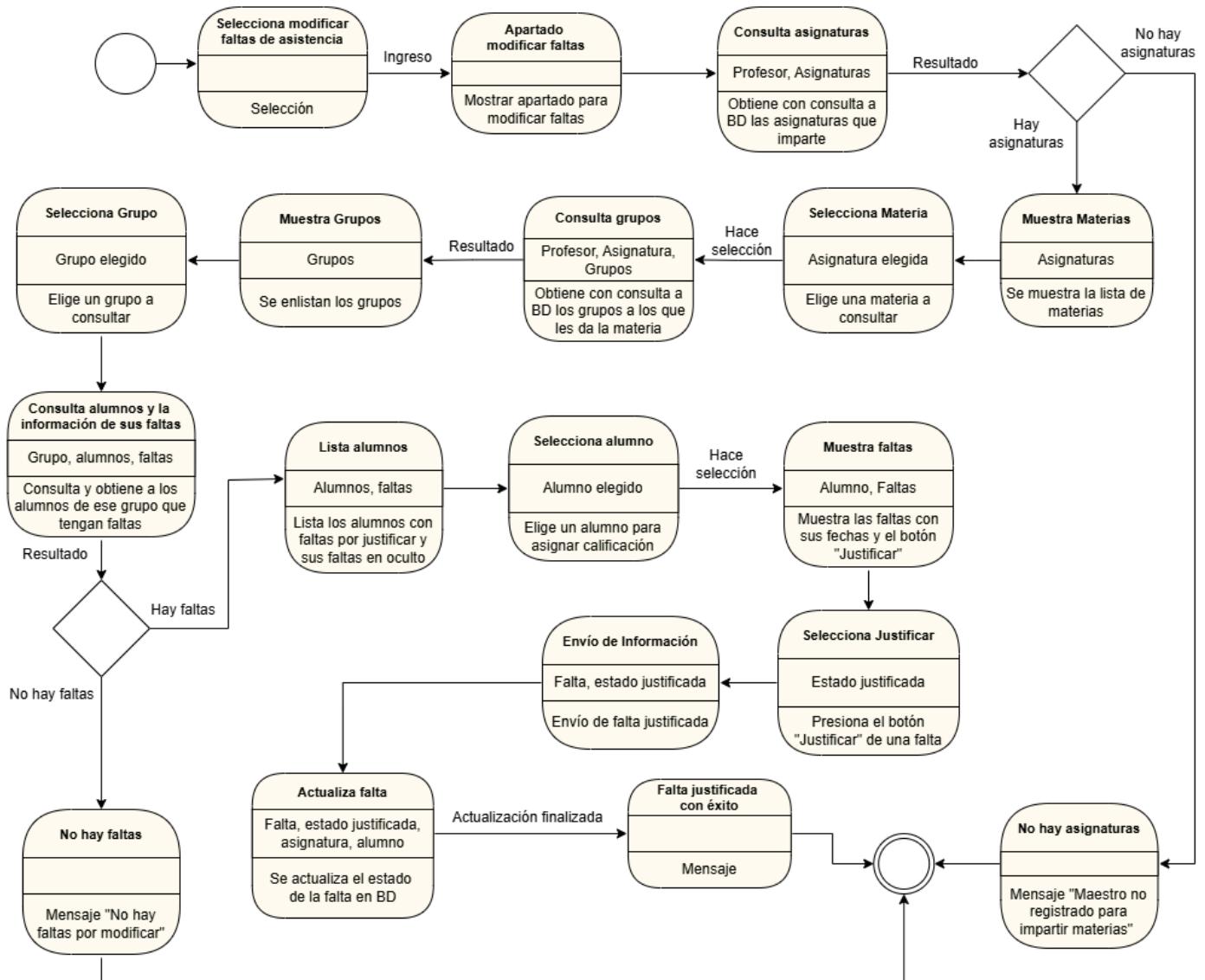


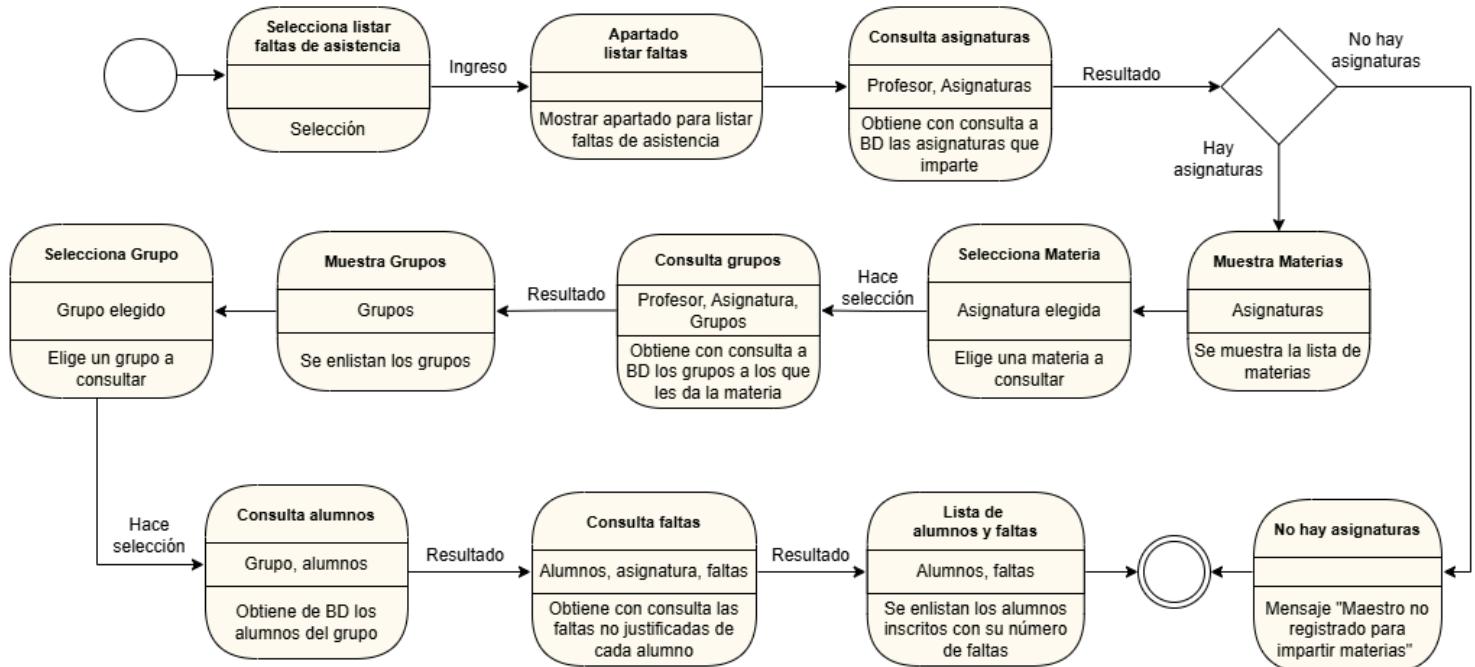


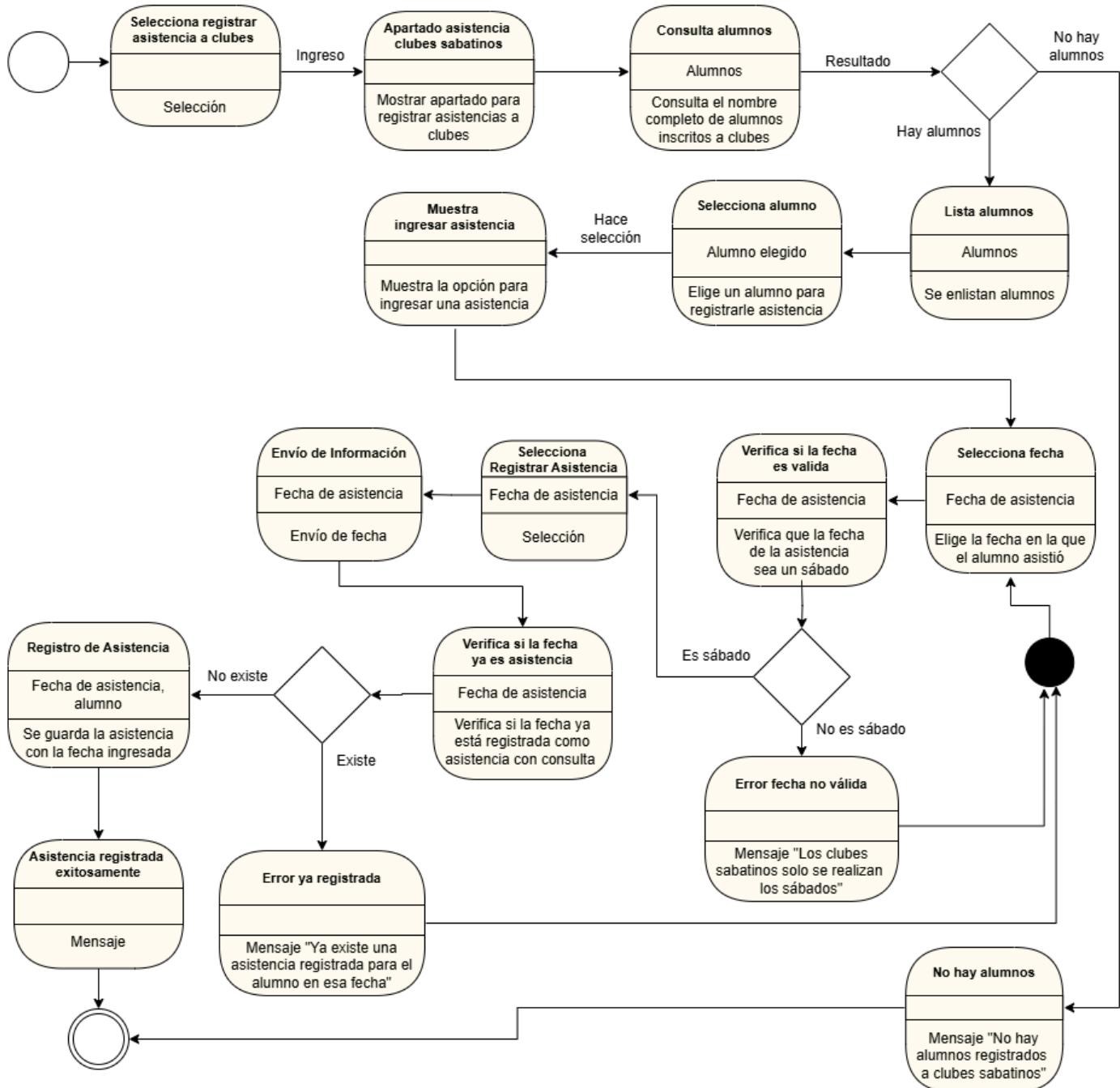
**Profesor**  
MODIFICAR FALTAS  
DE ASISTENCIA

**RF-14.2**

**SIGECA**





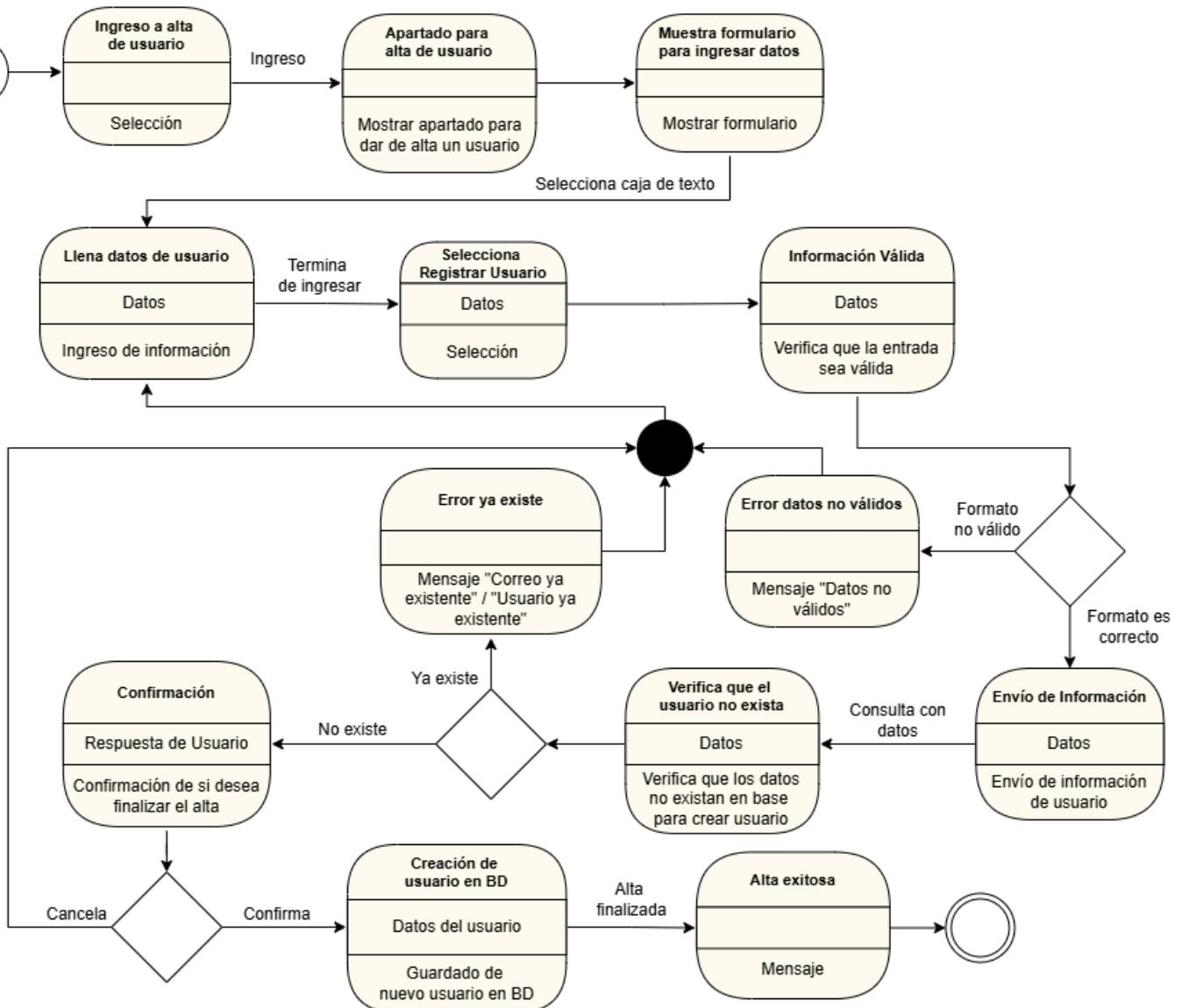


# Administrador

**Admin**  
DAR DE ALTA A UN USUARIO

**RF-17**

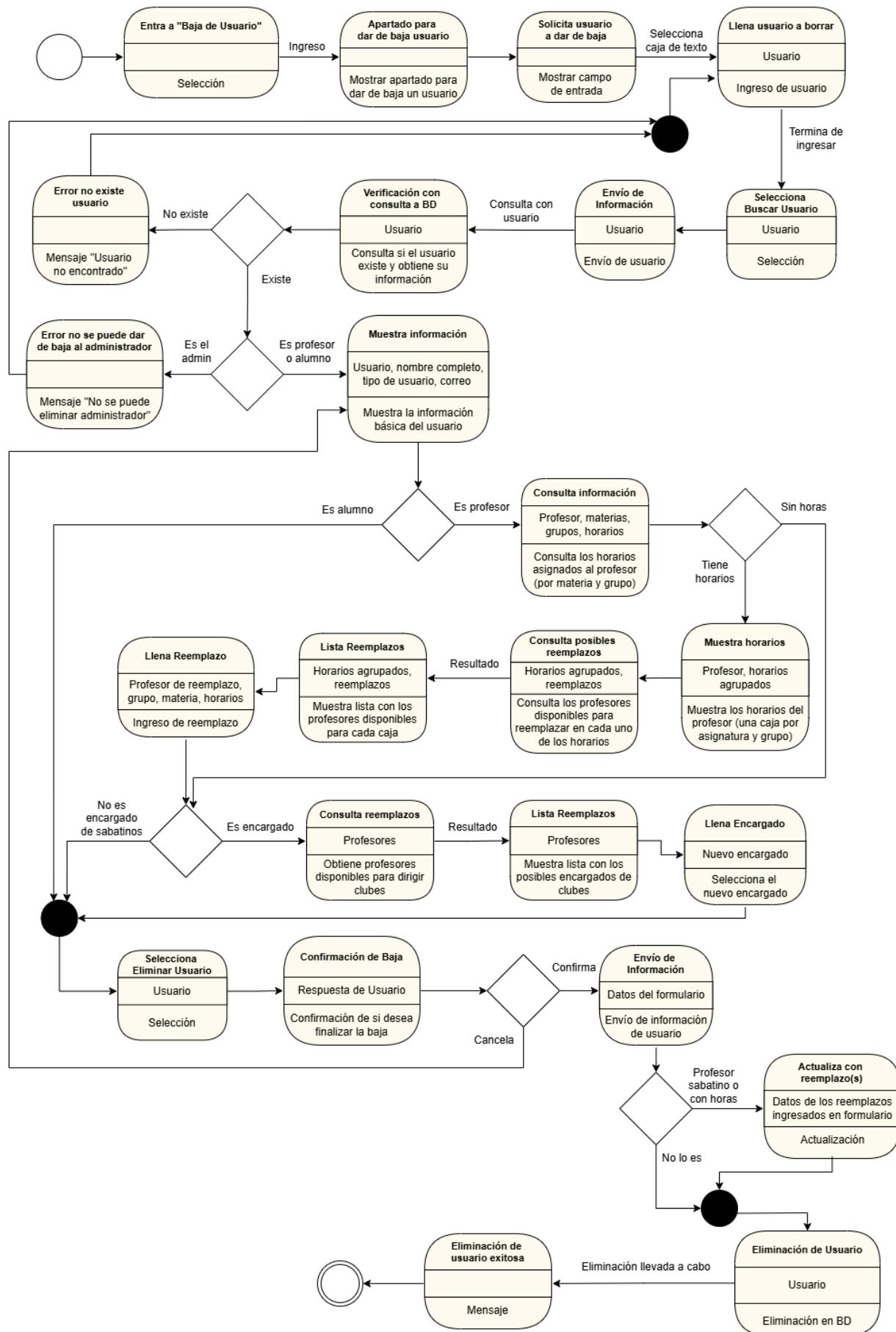
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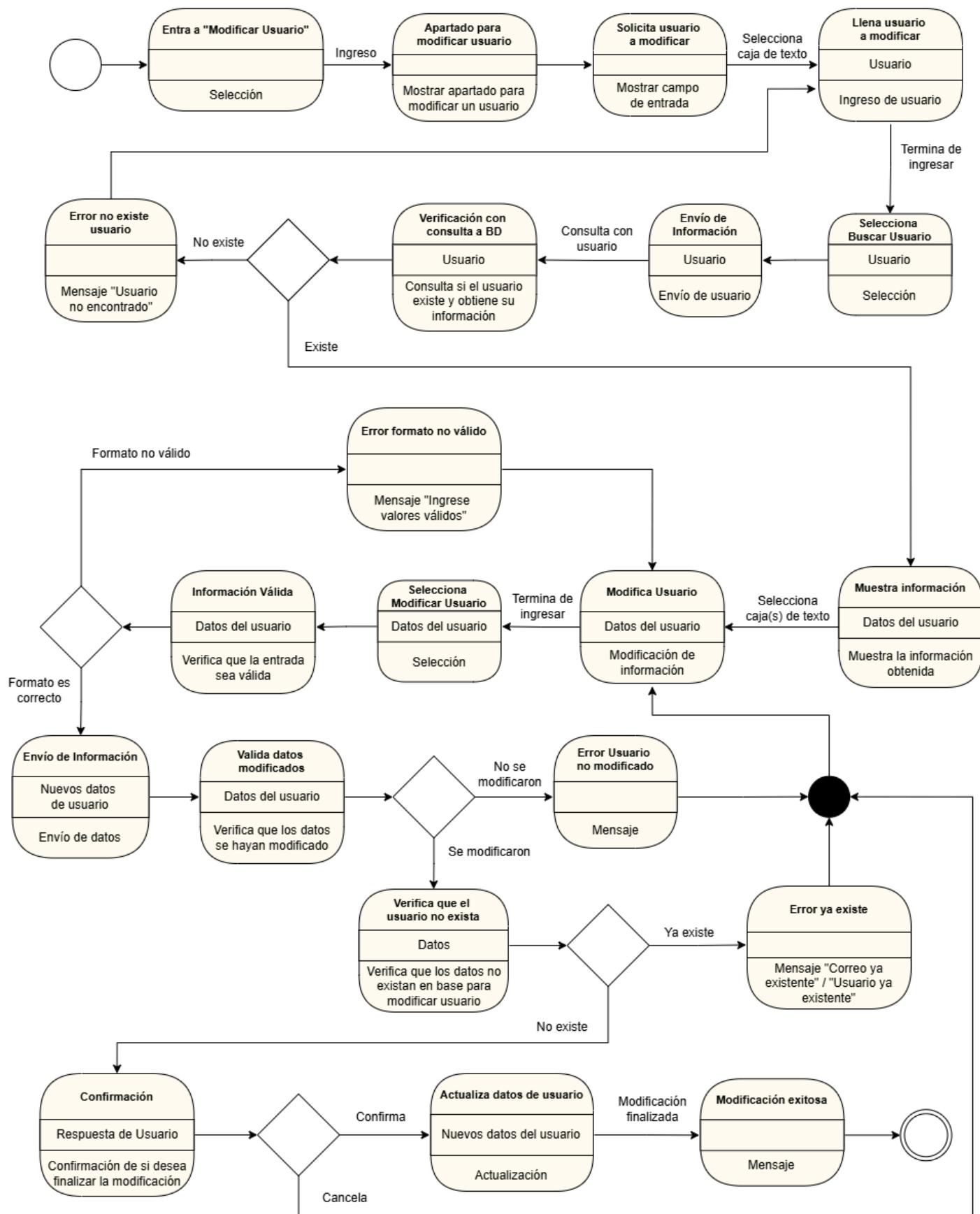


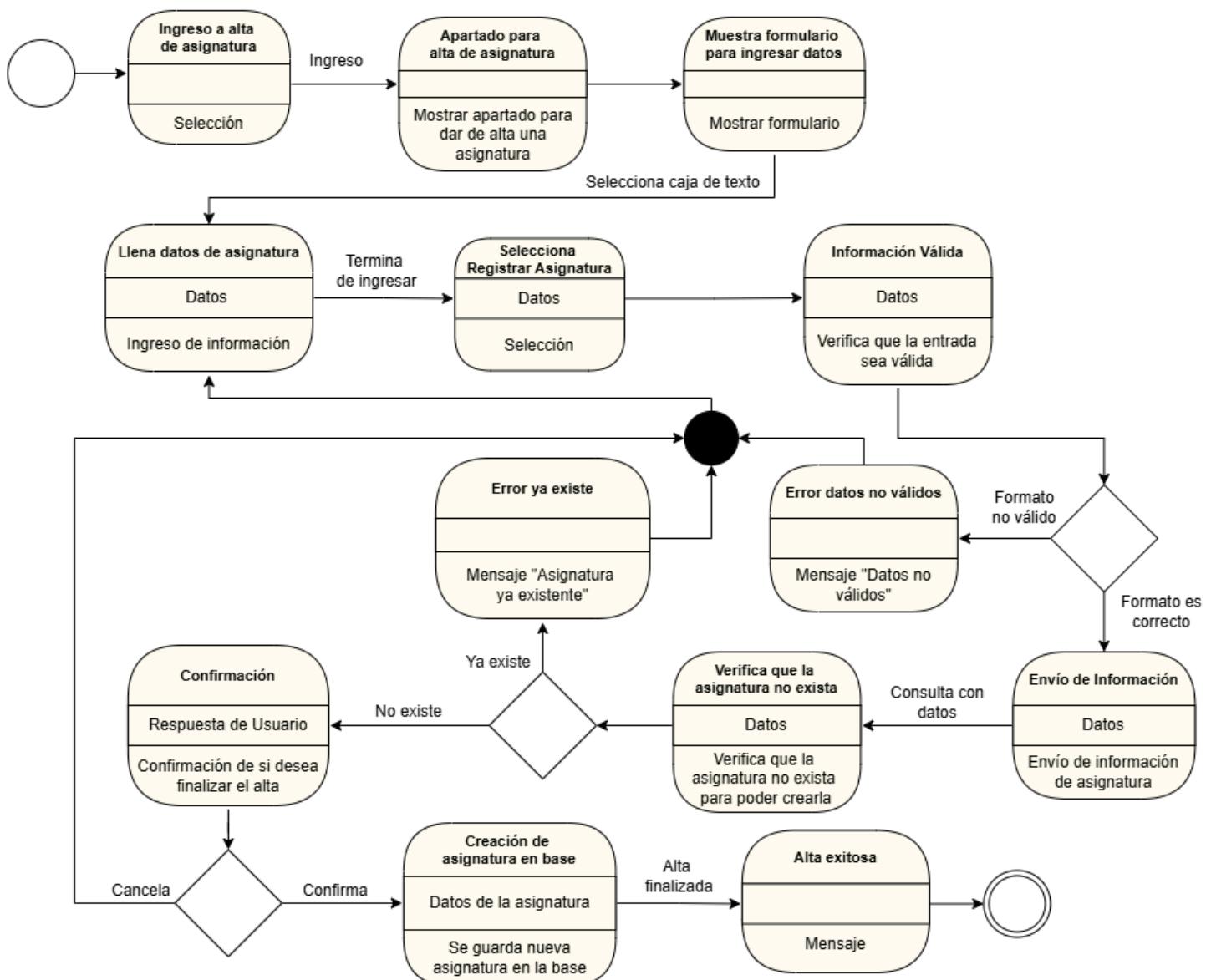
**Admin**  
DAR DE BAJA USUARIO

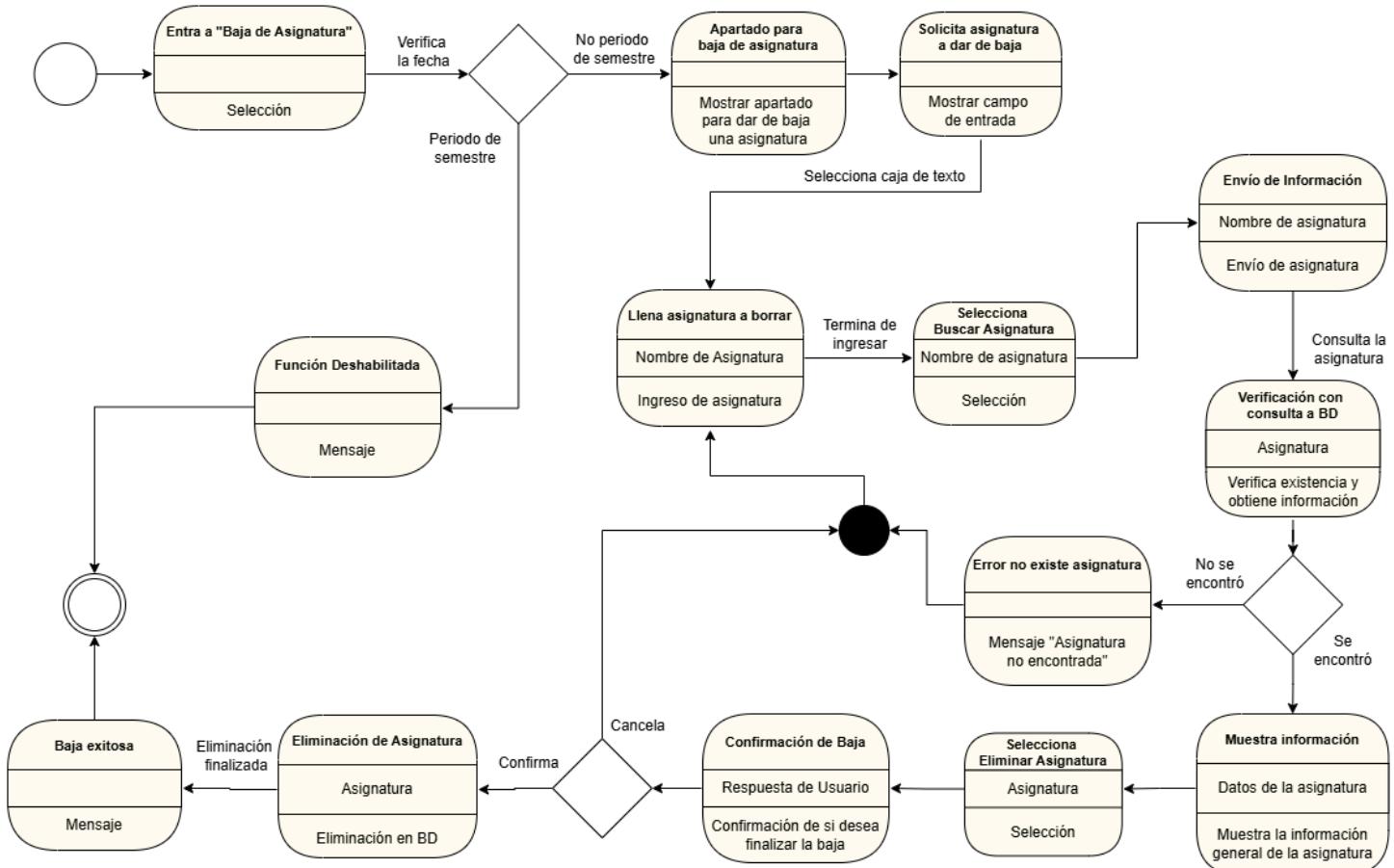
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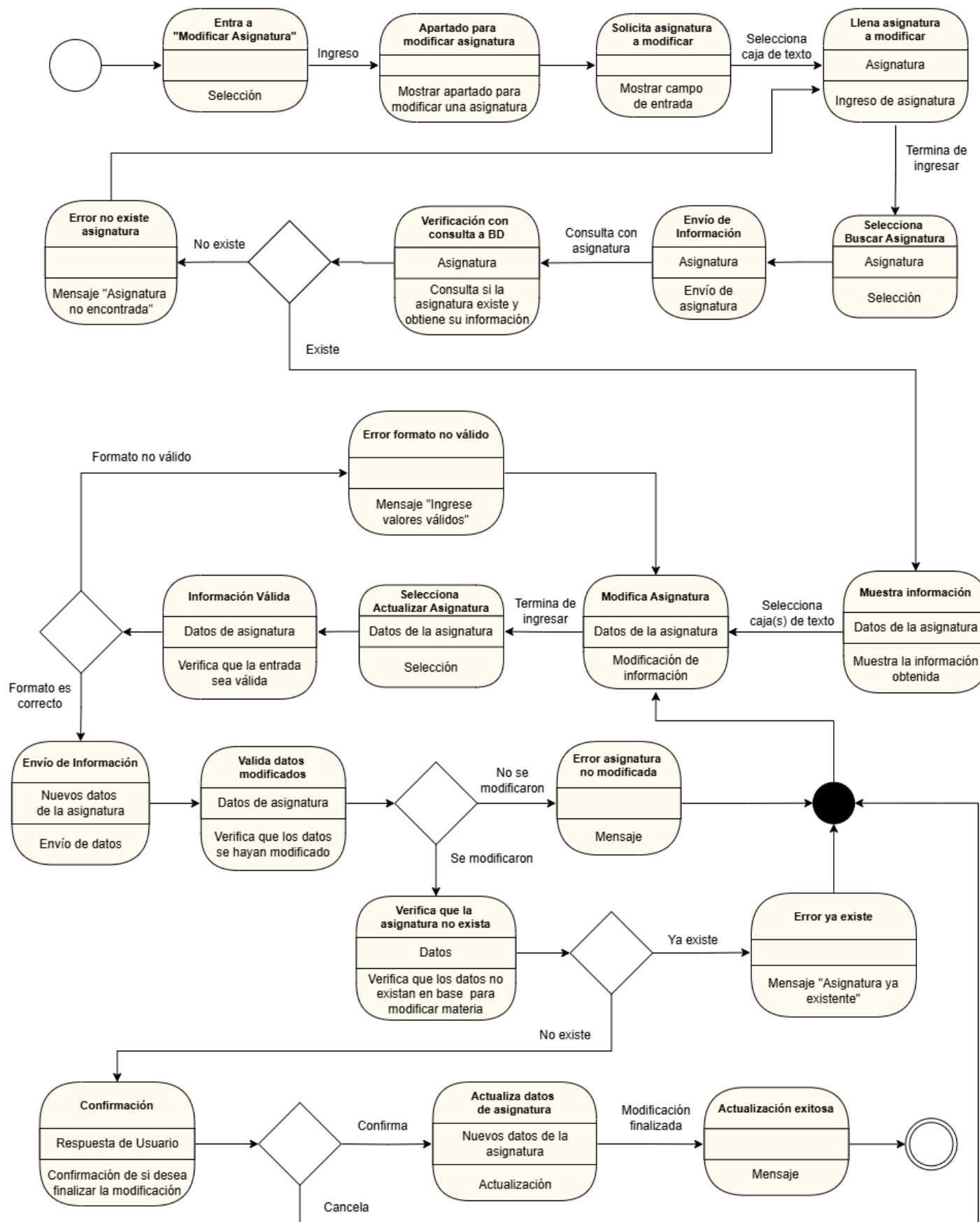
**SIGECA**

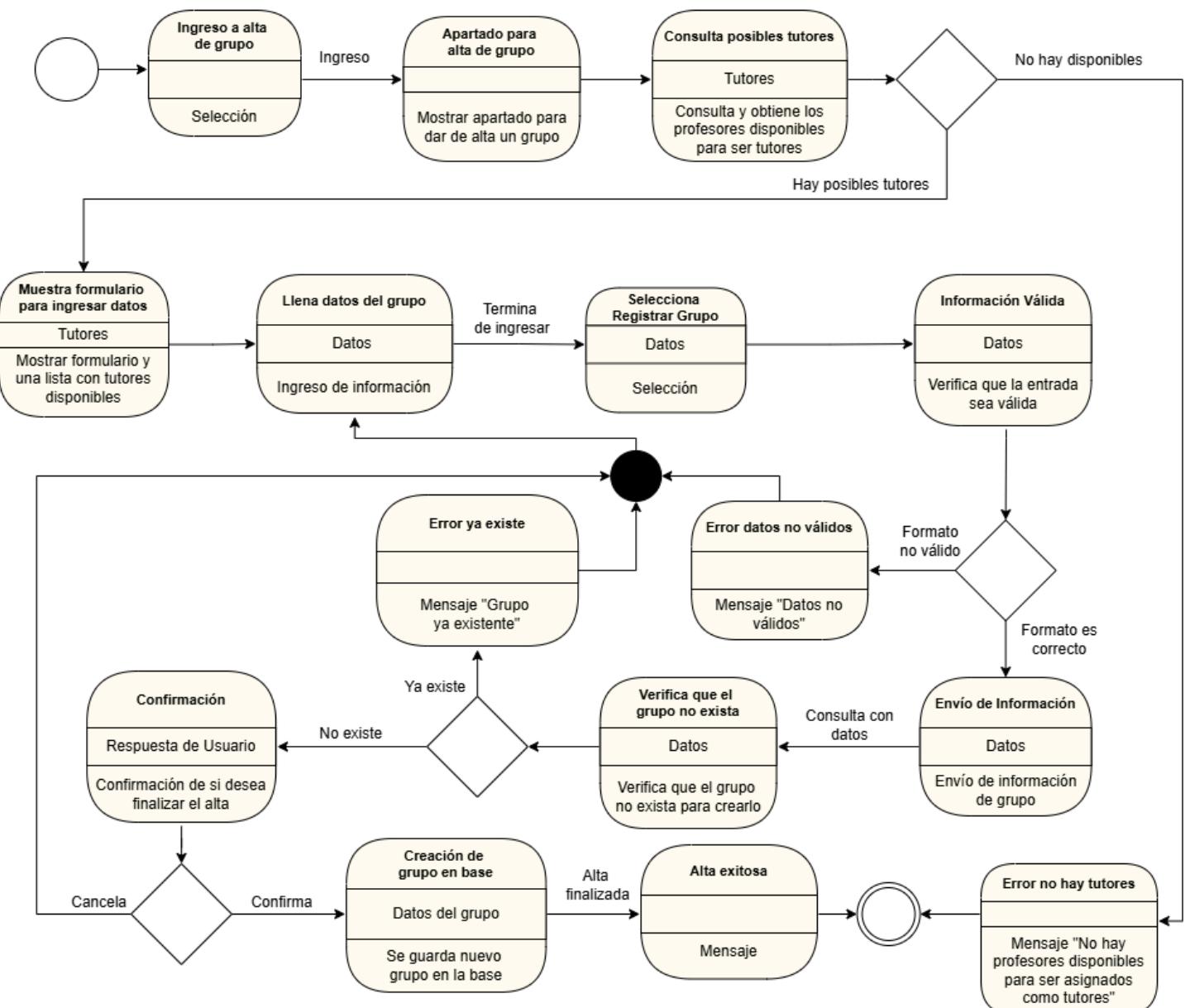








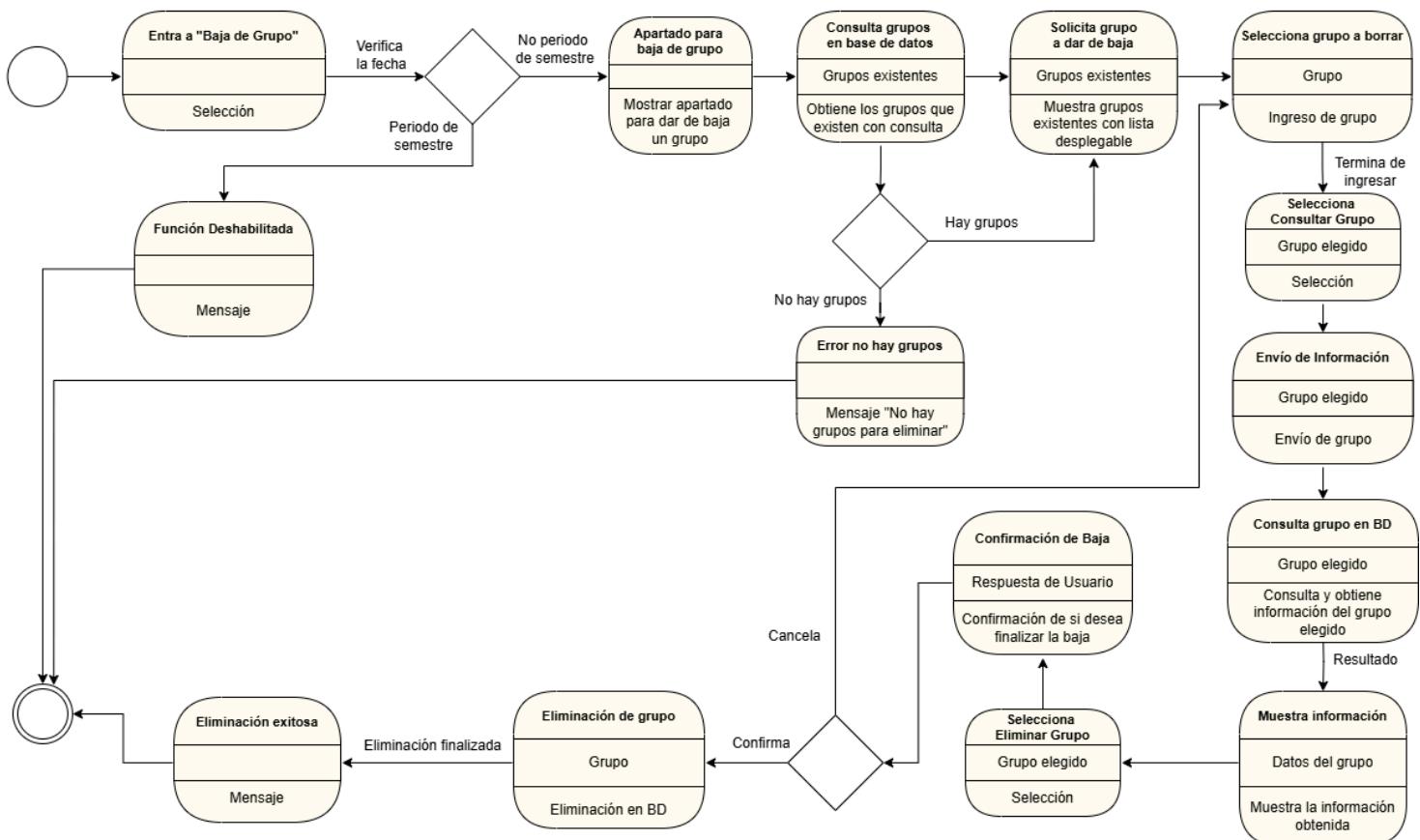


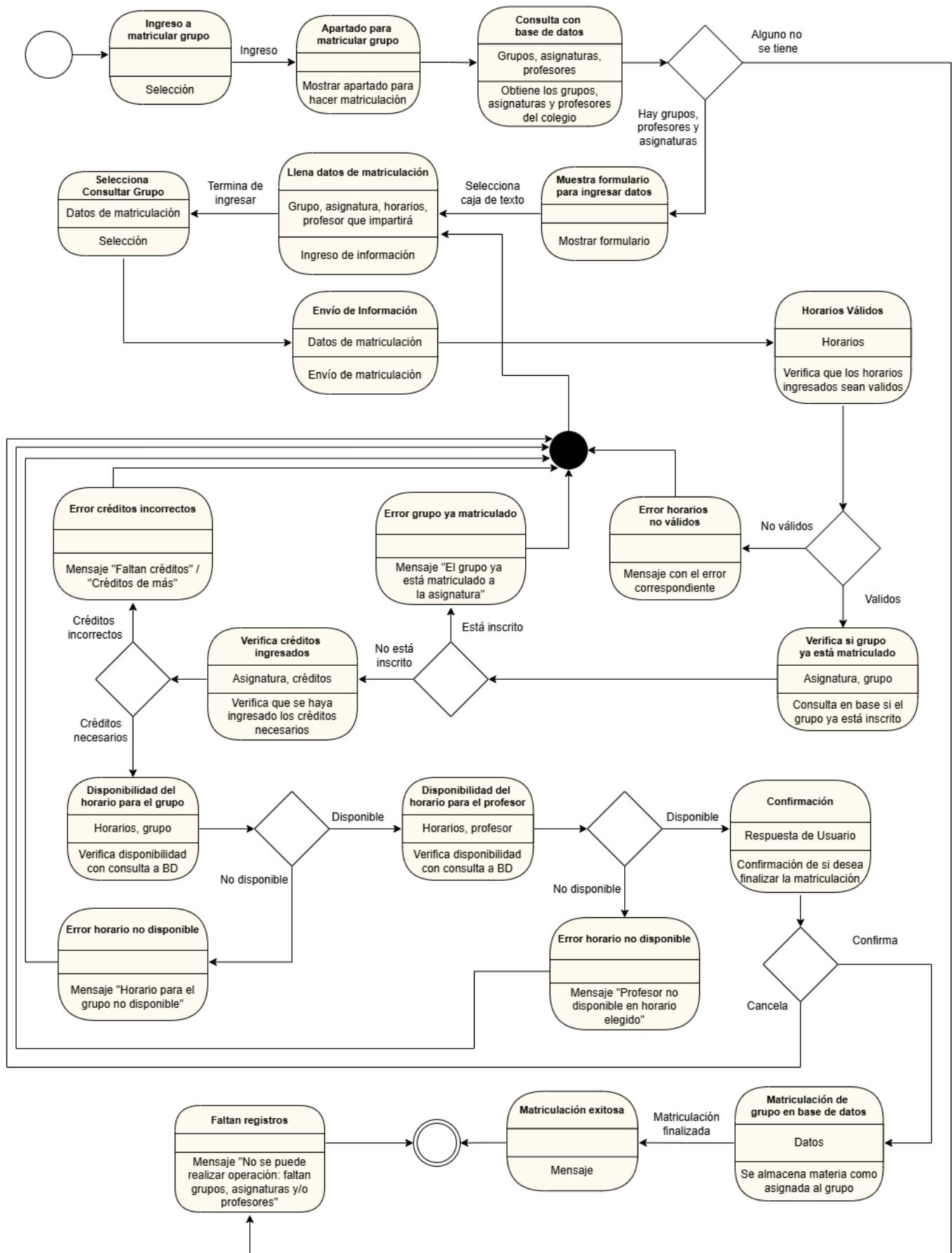


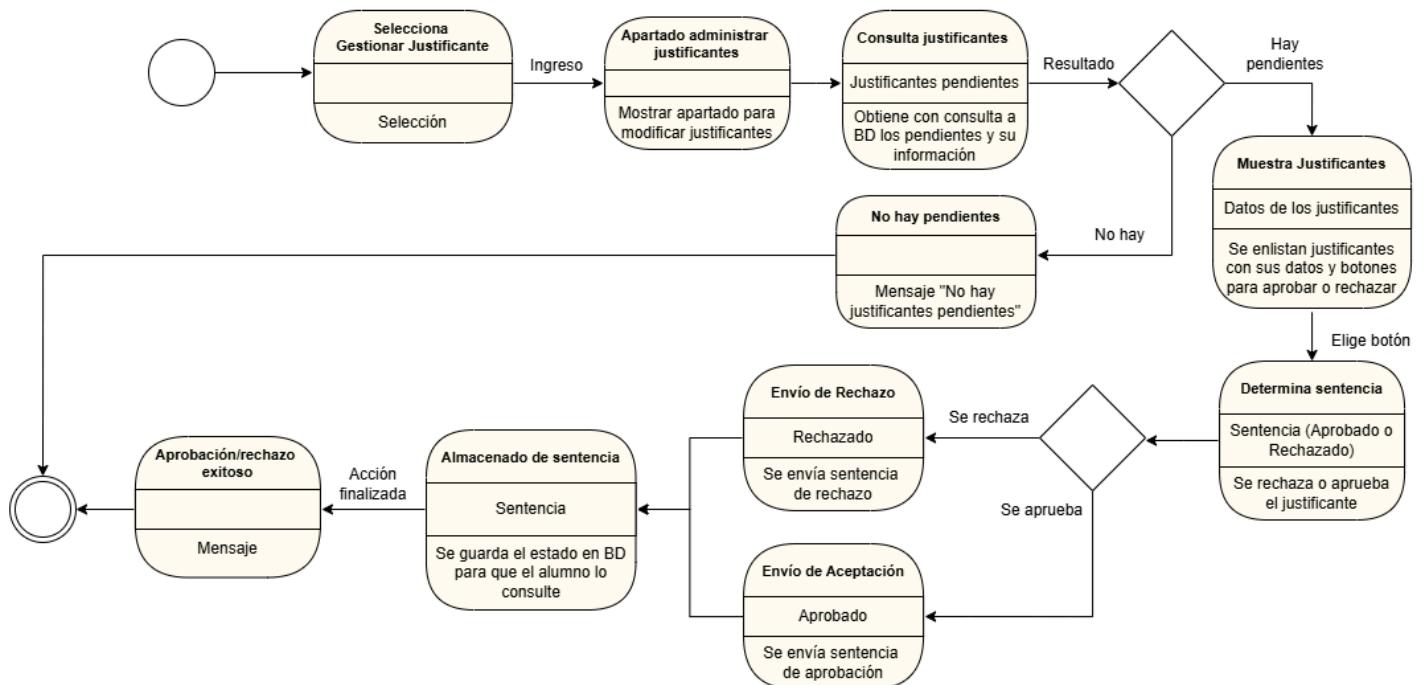
Admin  
DAR DE BAJA  
UN GRUPO

**RF-24**

**SIGECA**



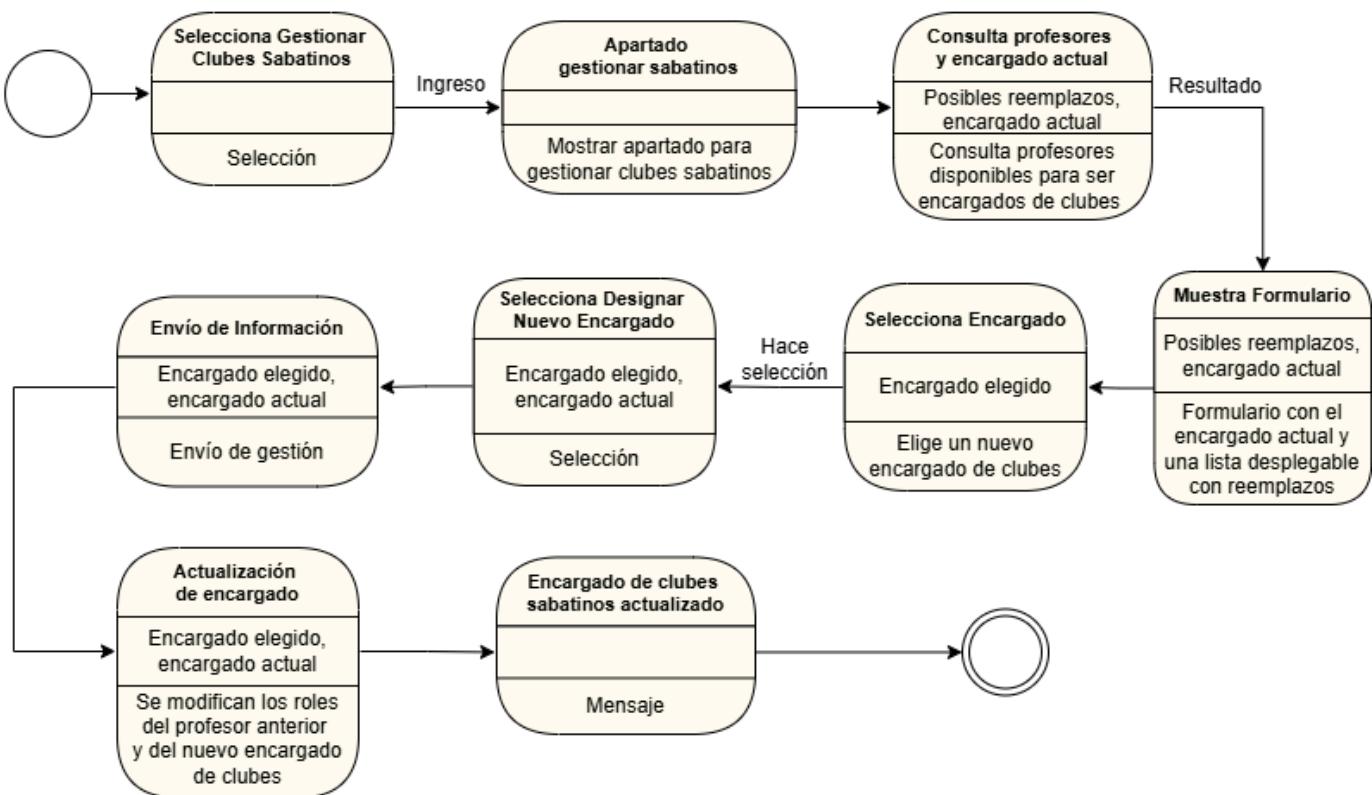




Profesor  
GESTIONAR CLUBES

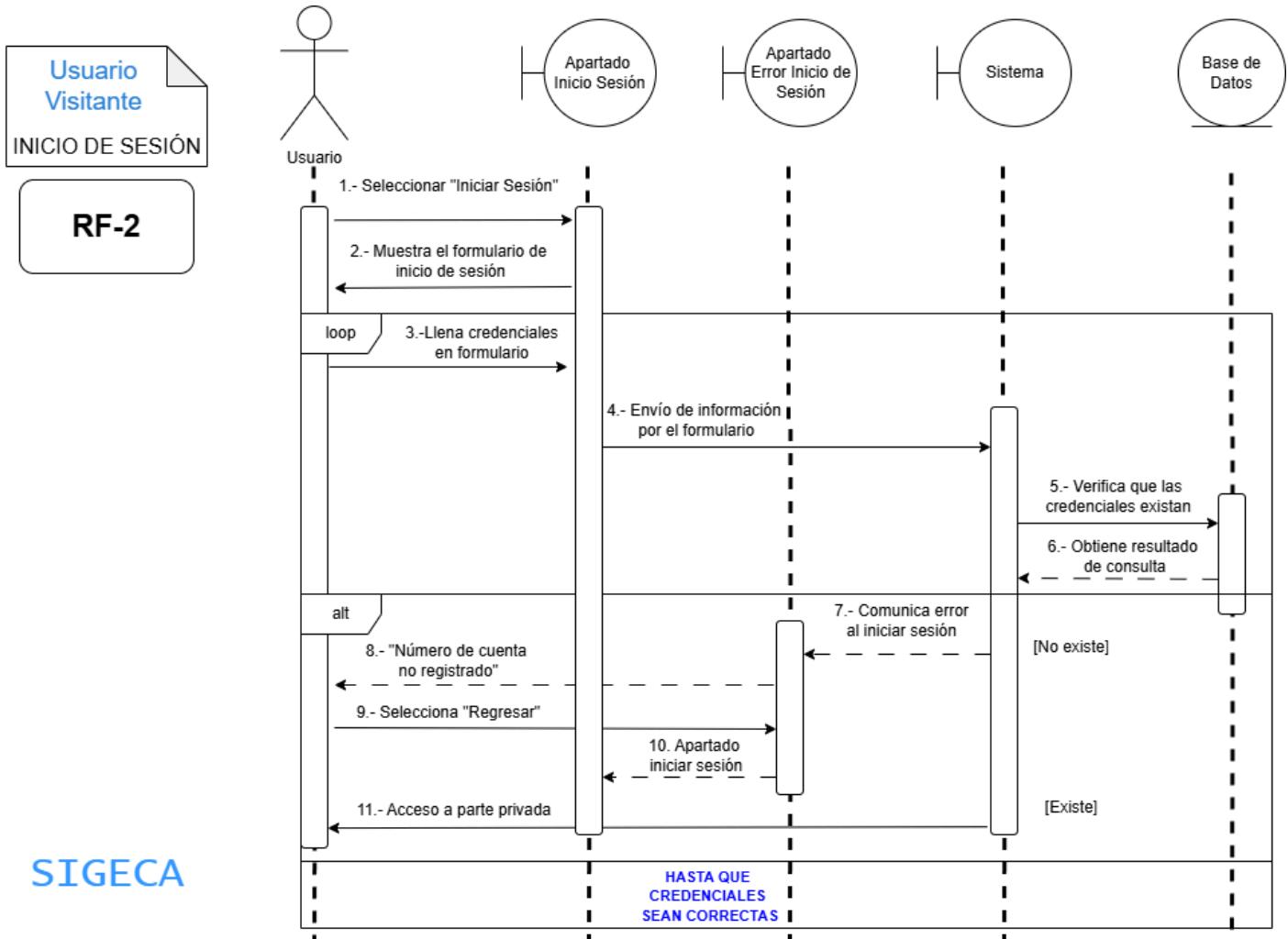
**RF-27**

**SIGECA**

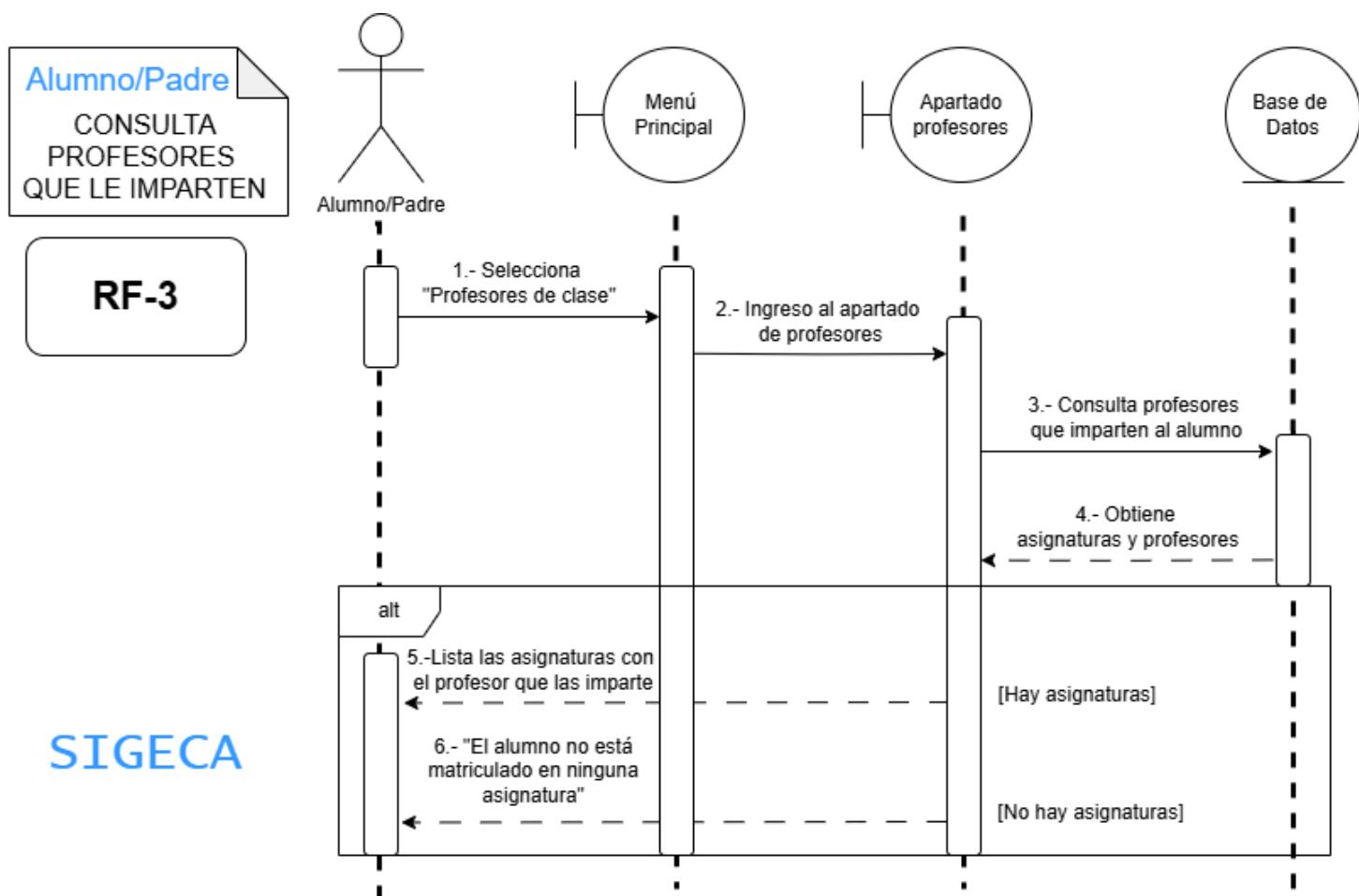


# Diagramas de Secuencia

## Usuarios no Registrados (Visitantes)

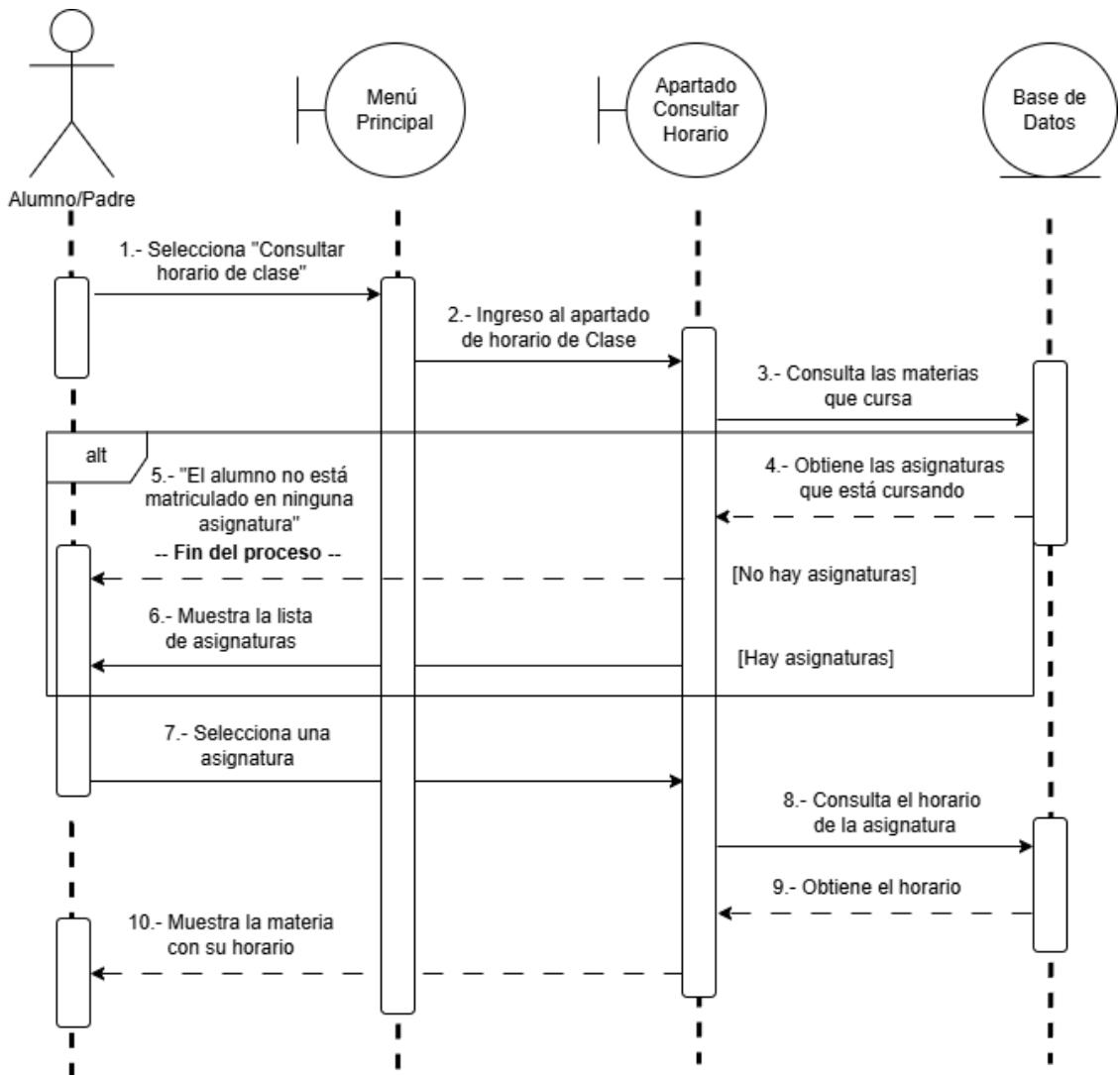


## Alumno/Padre





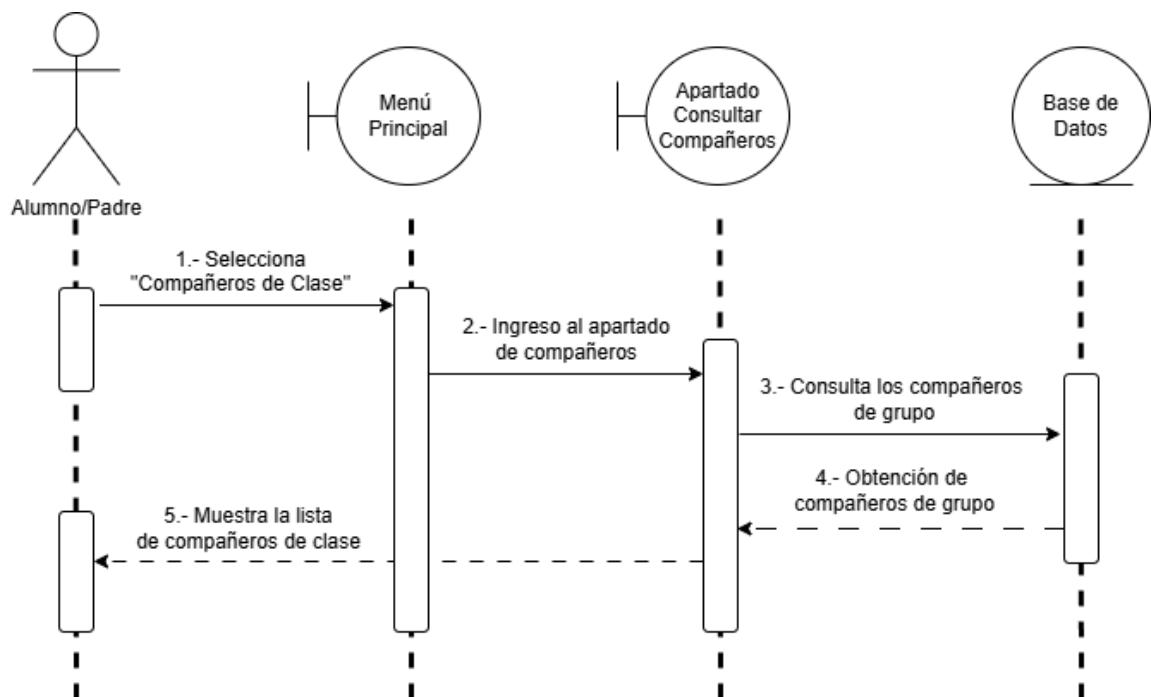
**SIGECA**

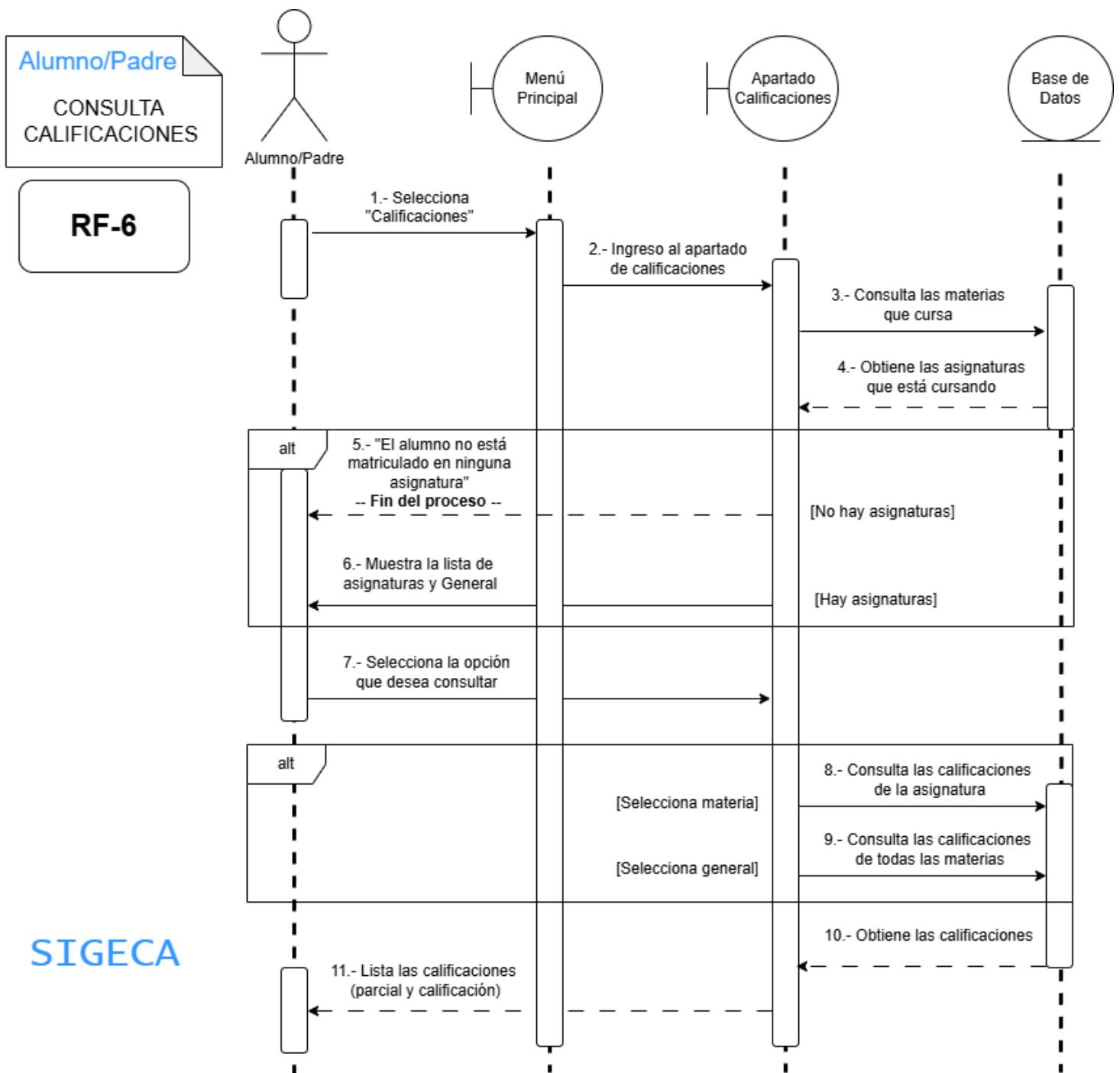


Alumno/Padre  
CONSULTA  
COMPAÑEROS

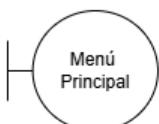
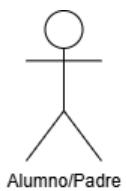
RF-5

SIGECA

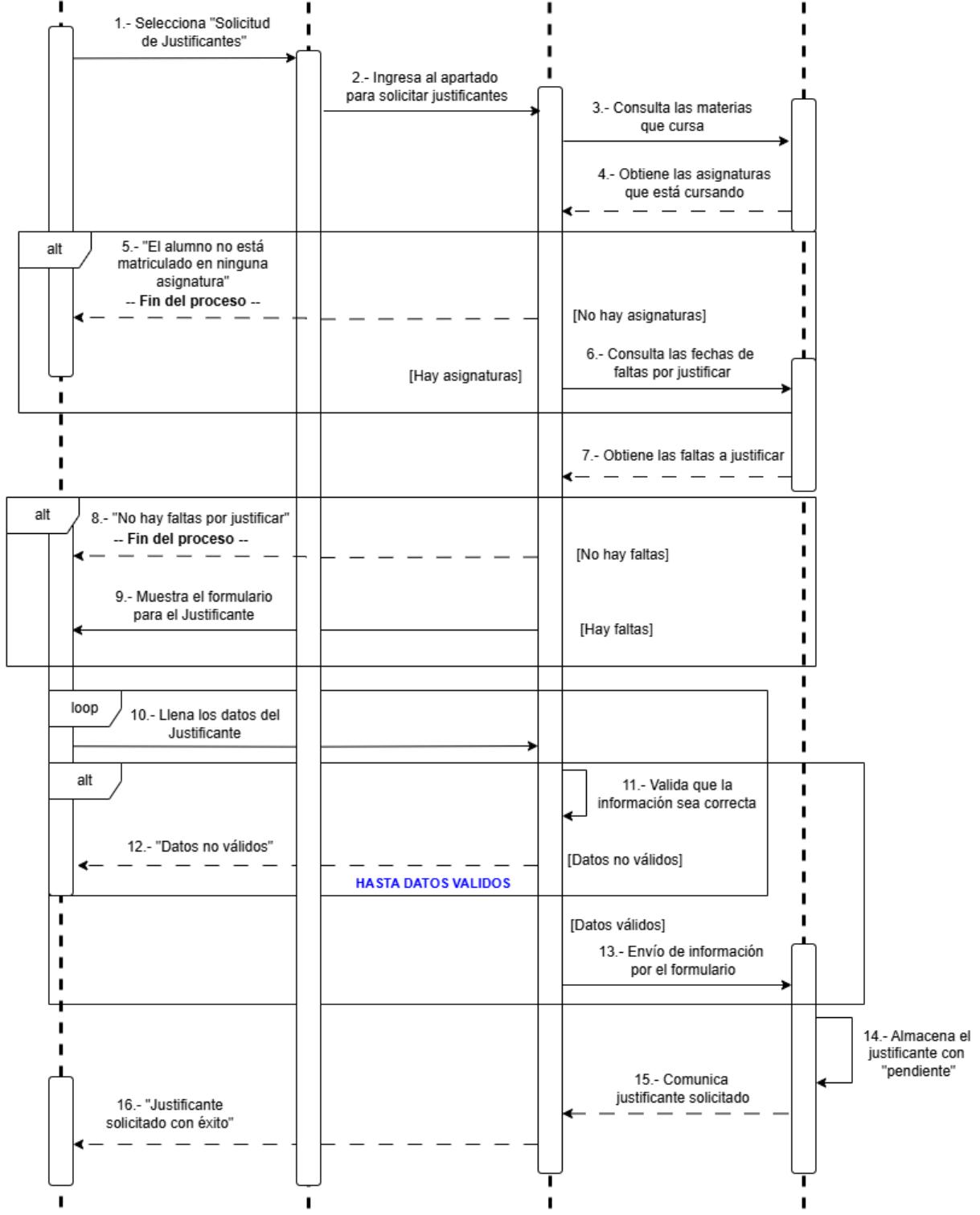


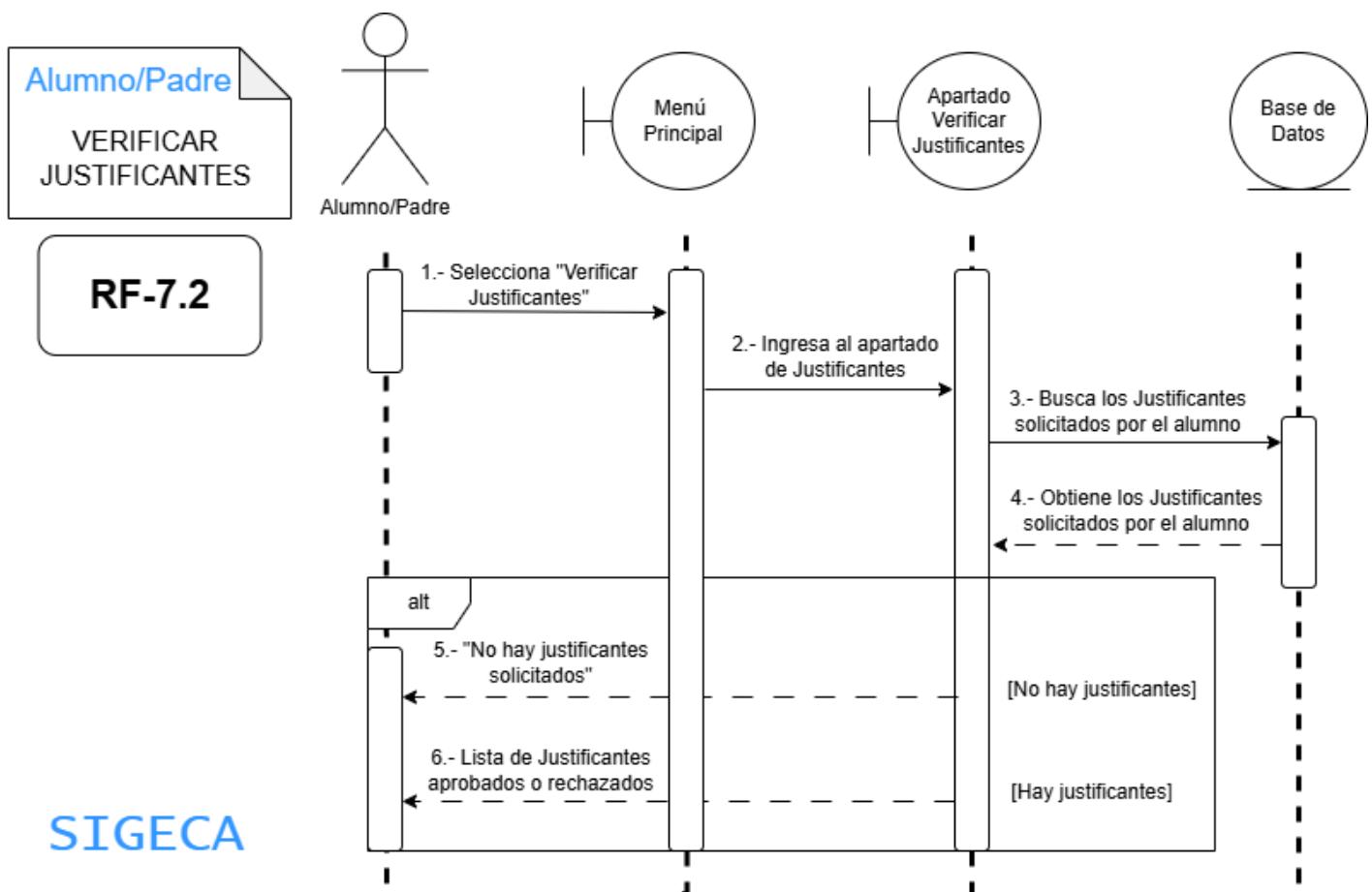


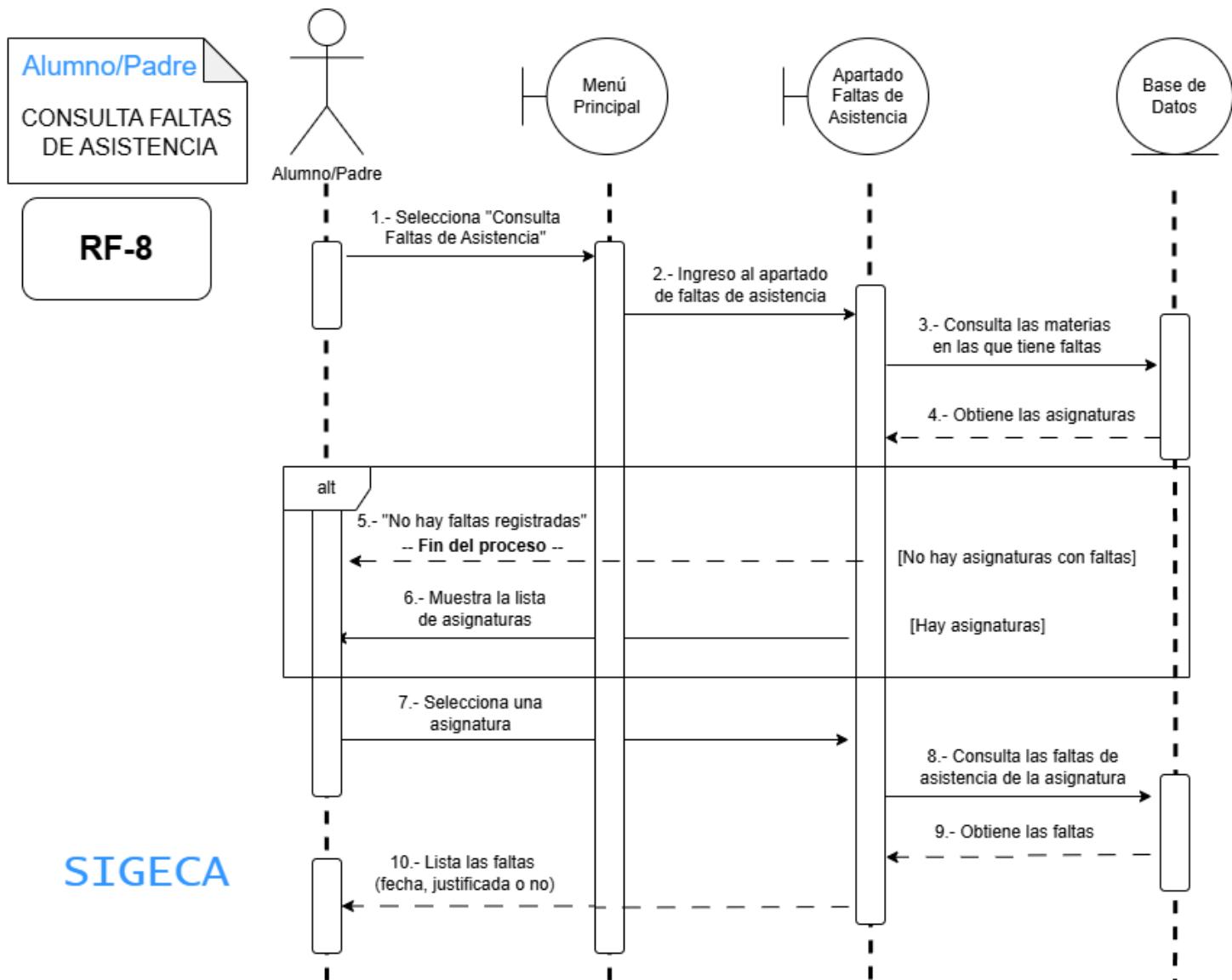
**Alumno/Padre**  
SOLICITAR  
JUSTIFICANTES



**RF-7.1**



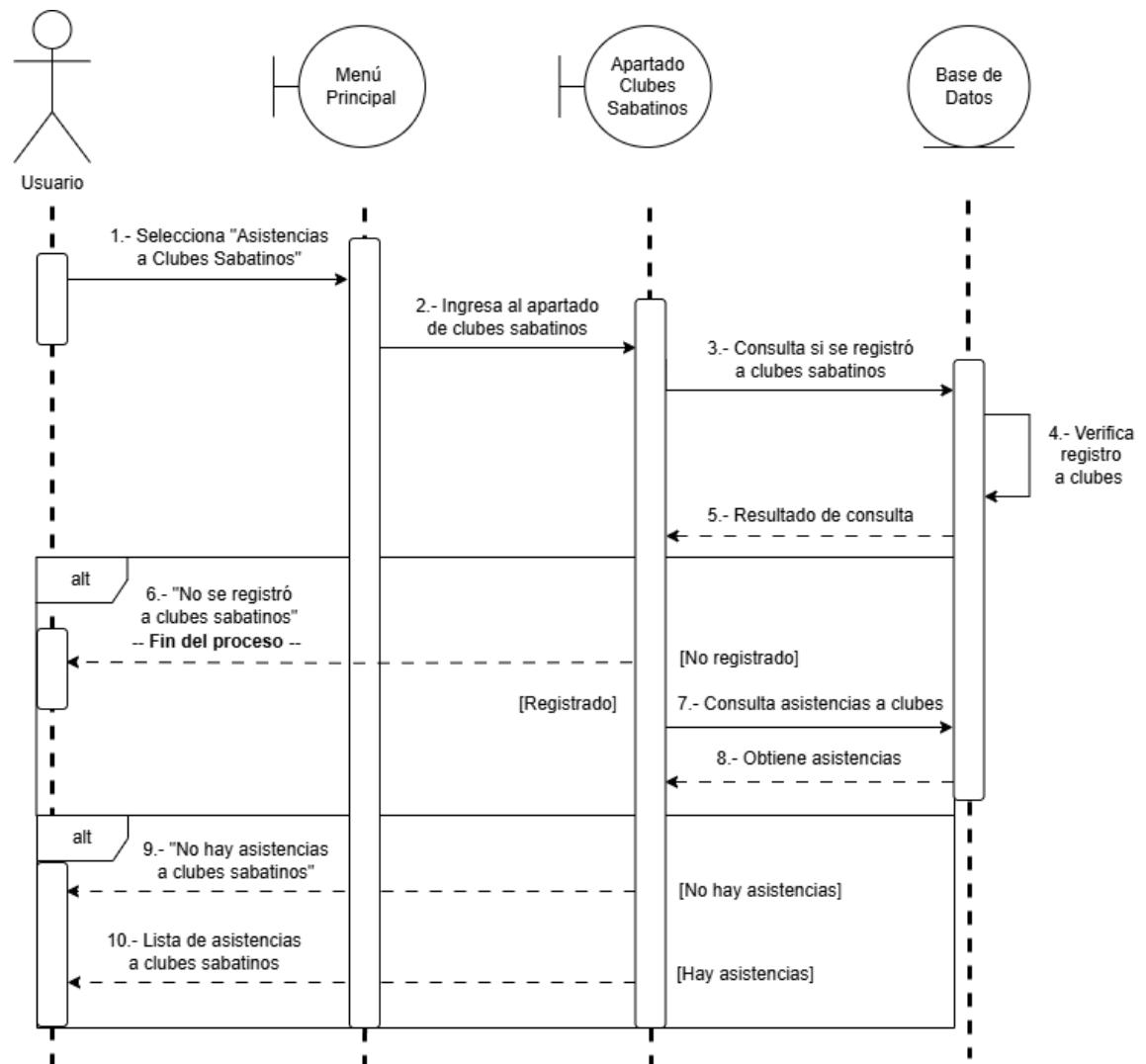




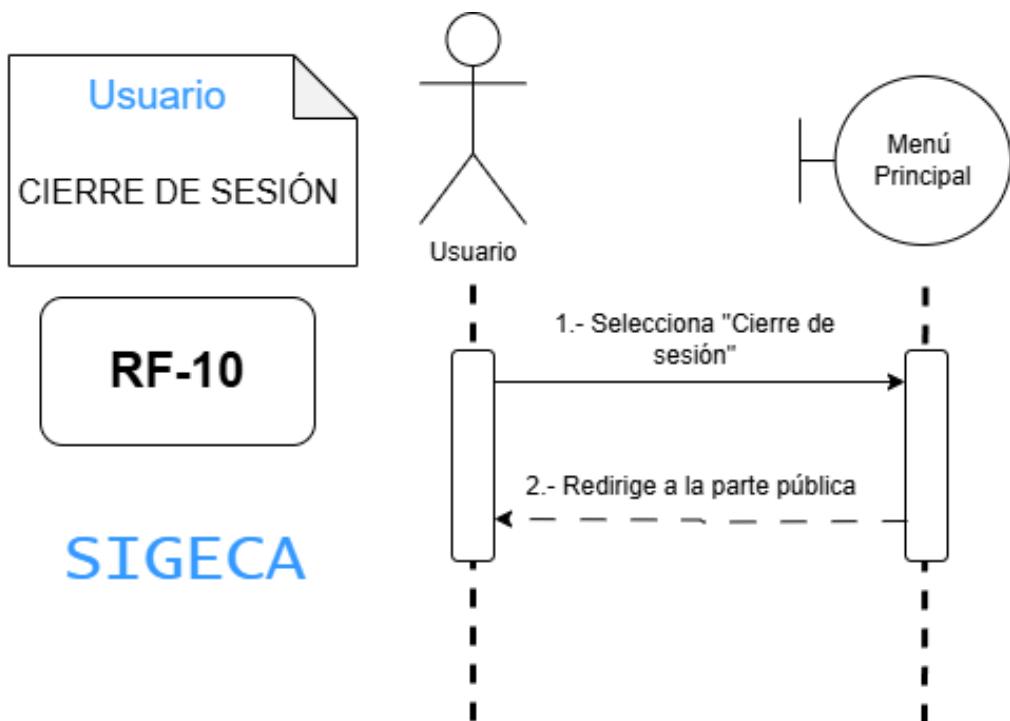
**Alumno/Padre**  
CONSULTA  
ASISTENCIAS  
CLUBES SABATINOS

**RF-9**

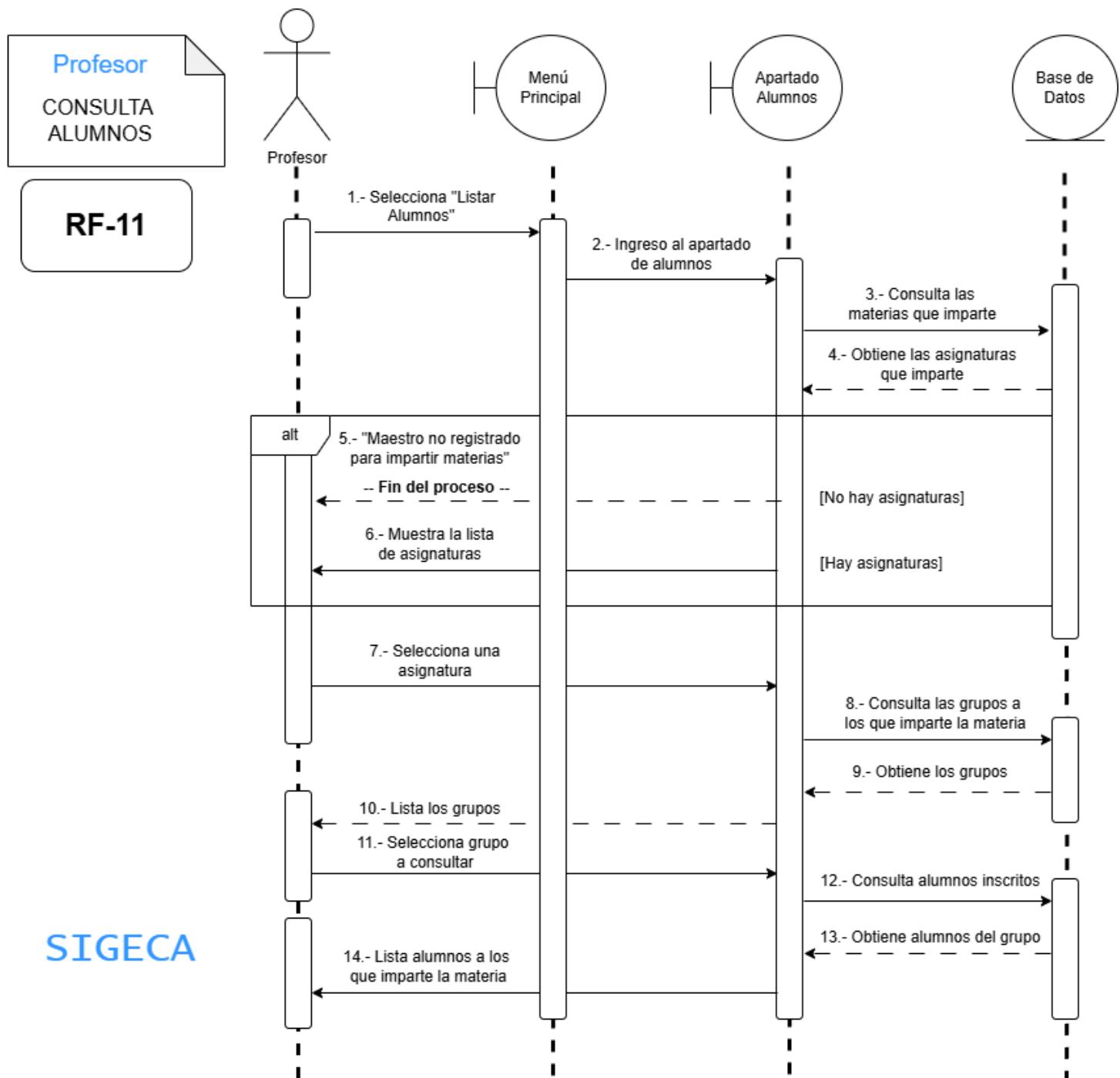
**SIGECA**



## Usuarios Registrados



## Profesor

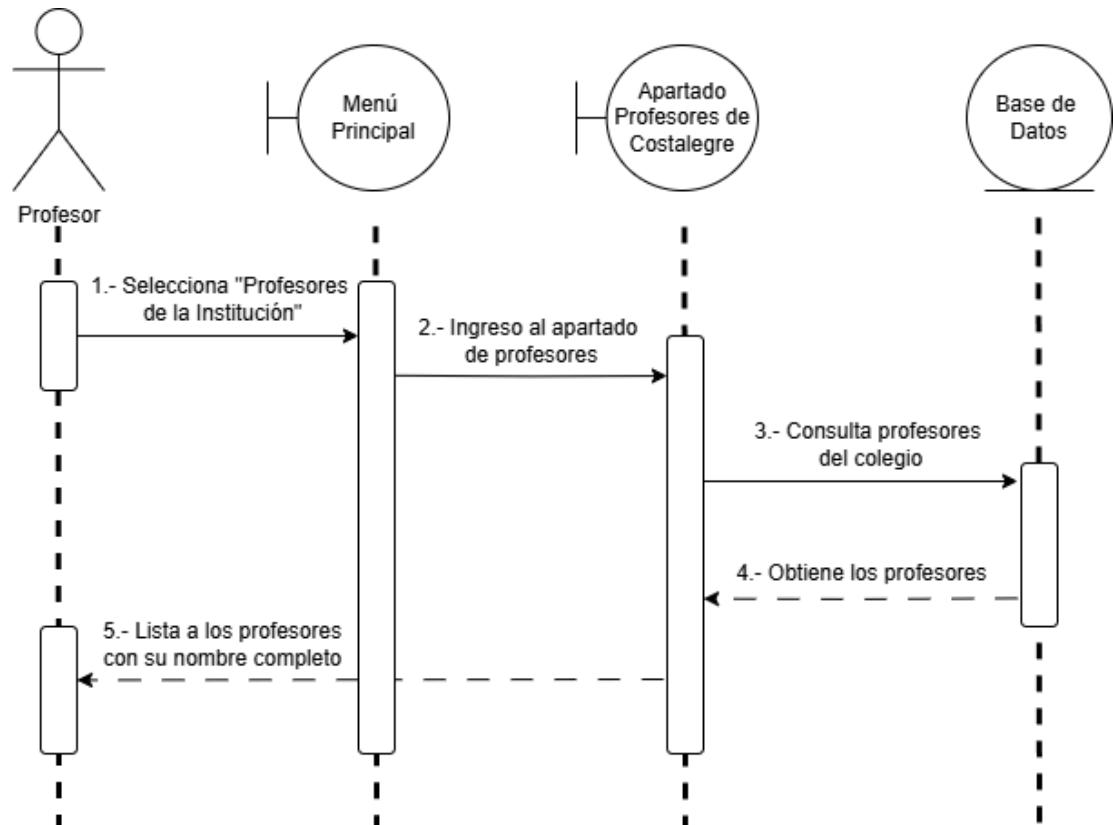


SIGECA

**Profesor**  
CONSULTA  
PROFESORES  
DE COSTALEGRE

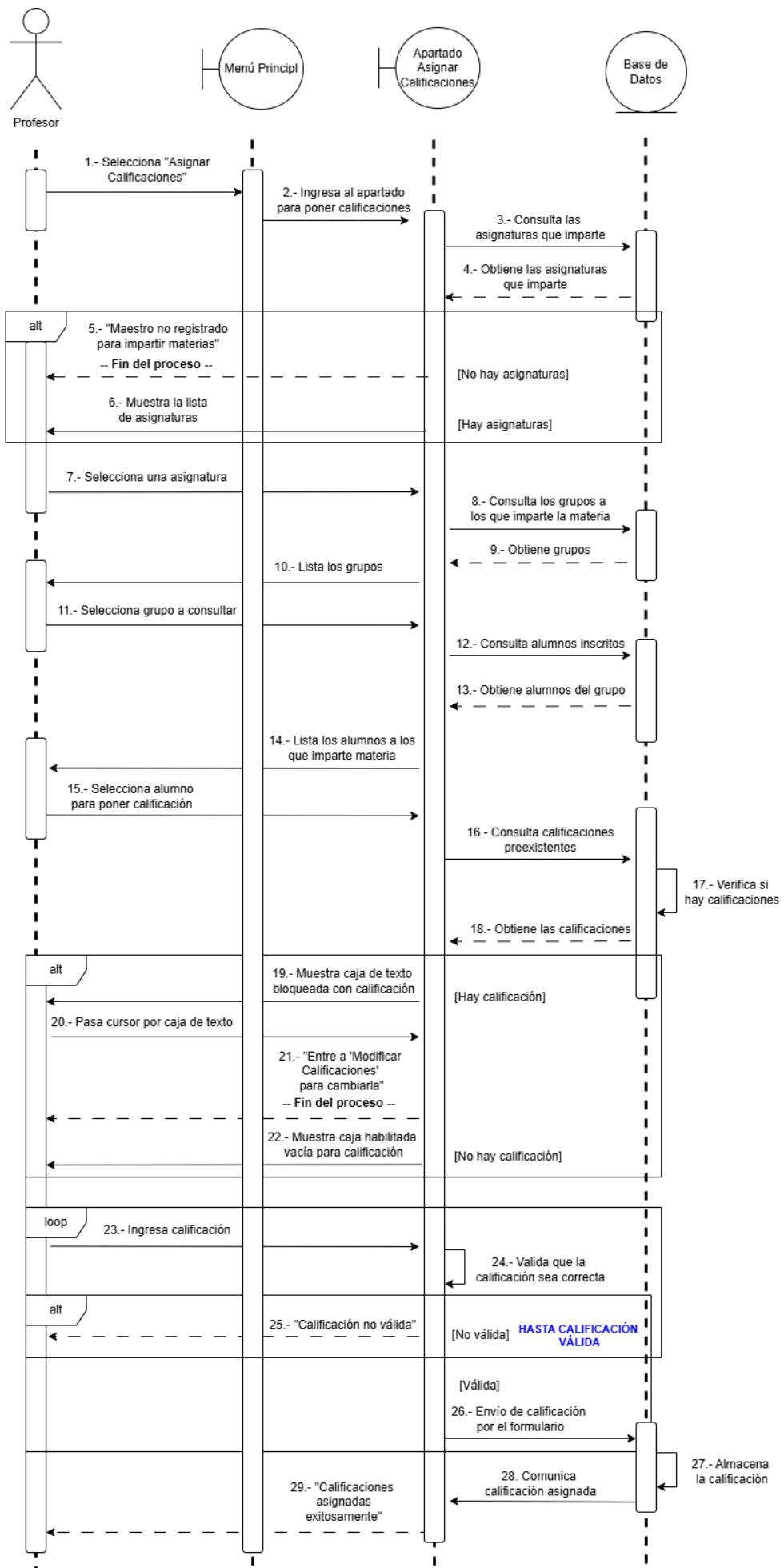
**RF-12**

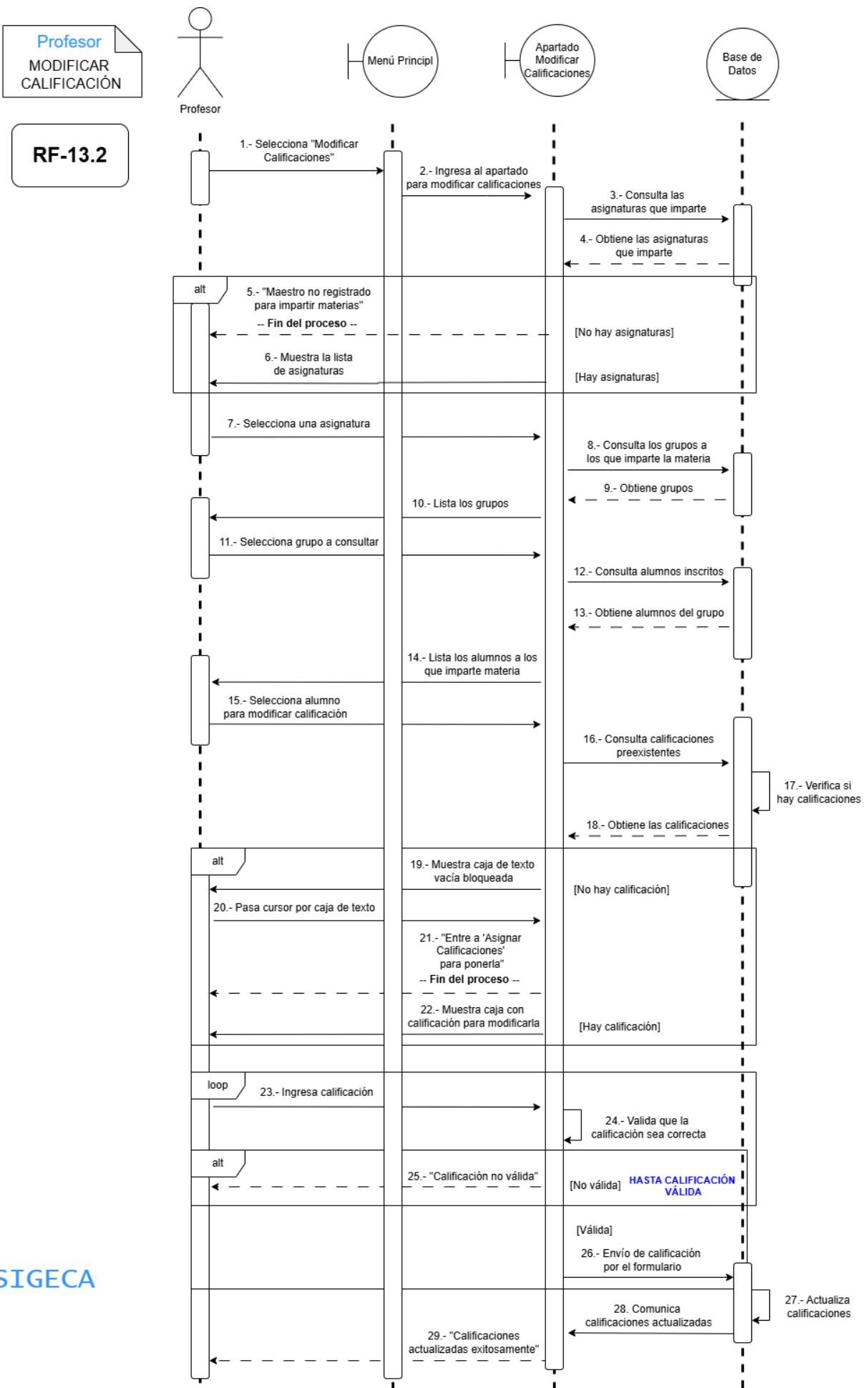
**SIGECA**

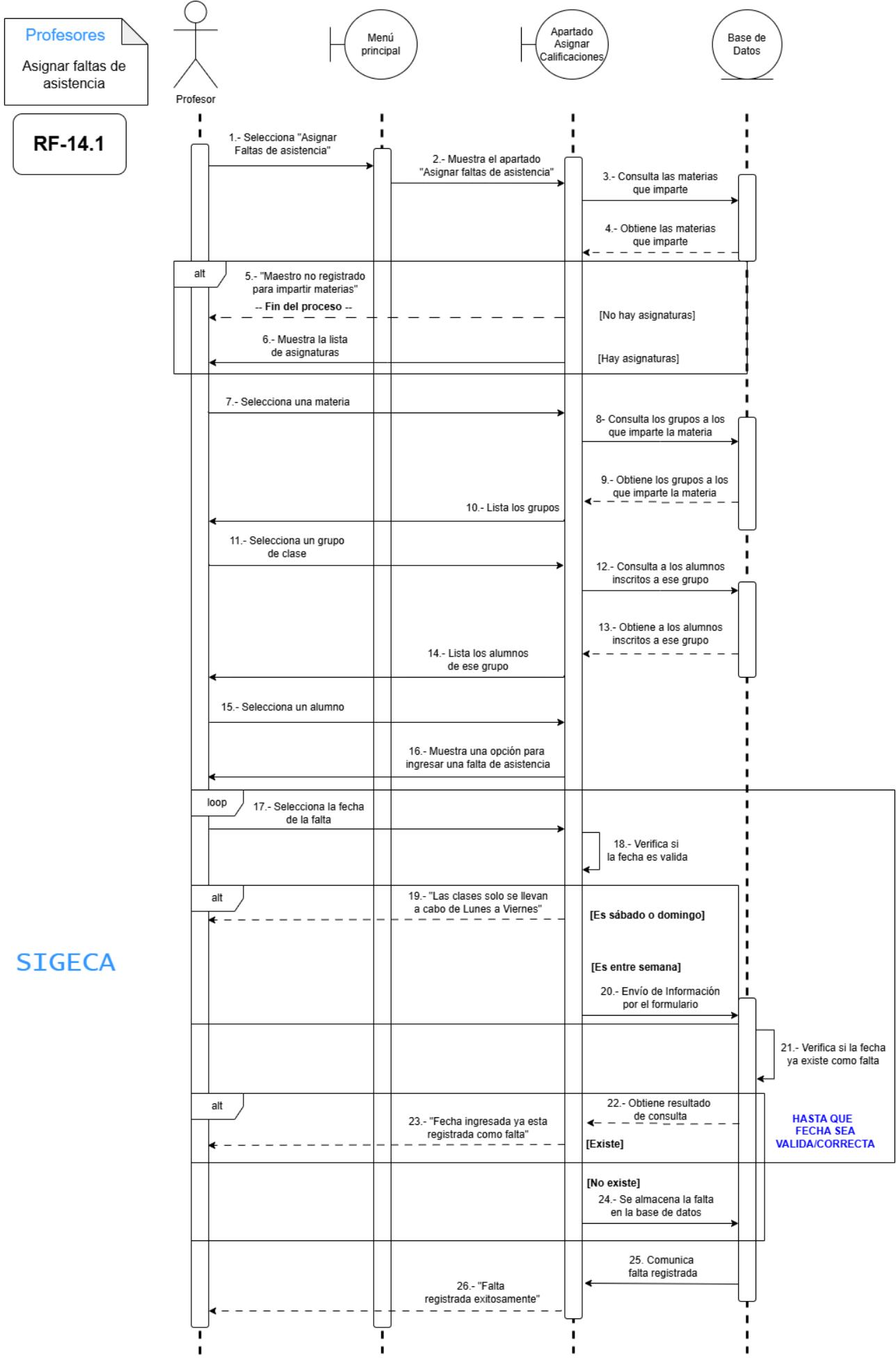


**Profesor**  
ASIGNAR  
CALIFICACION

**RF-13.1**

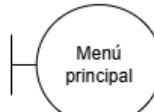




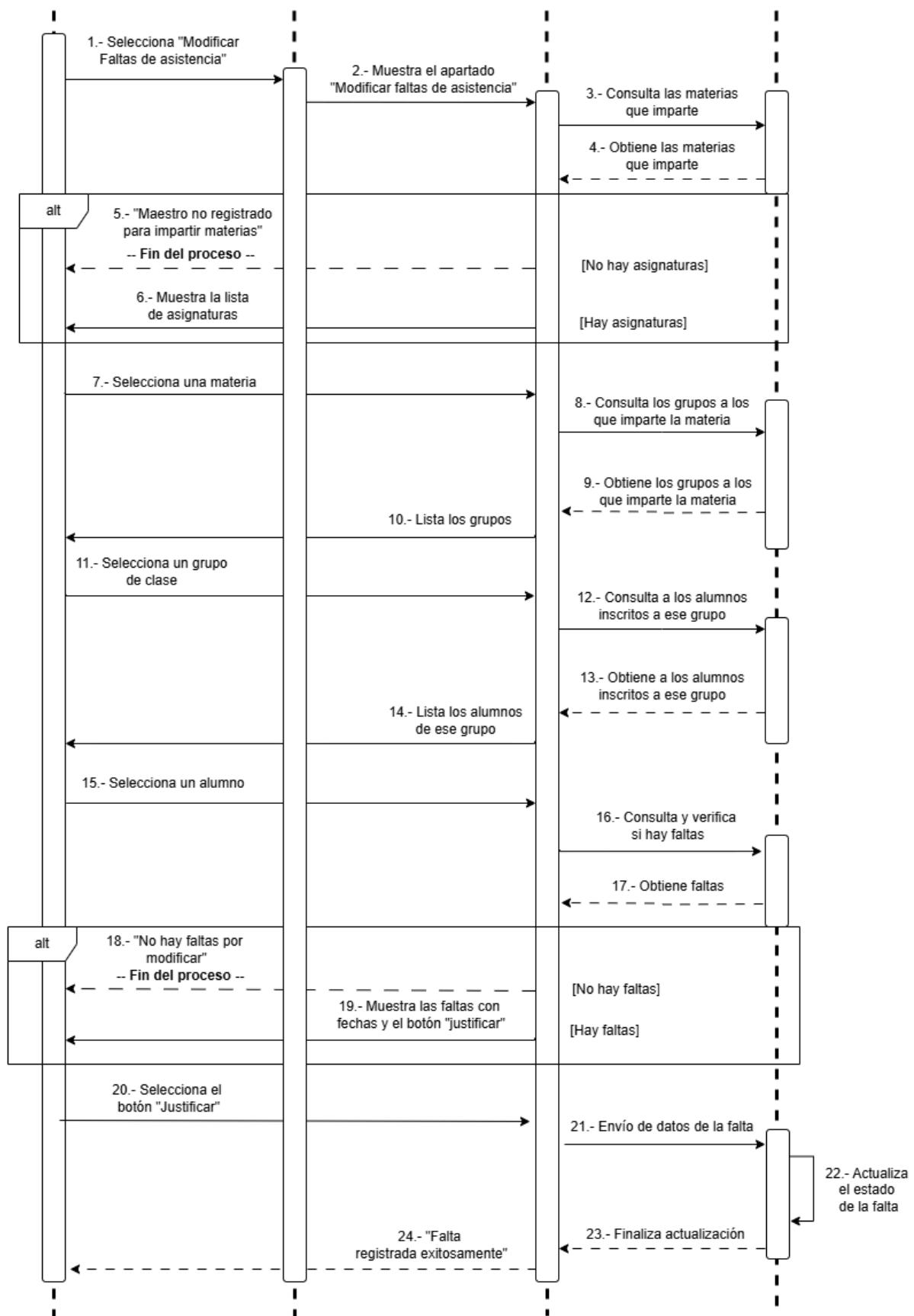


## Profesores

Modificar faltas de asistencia



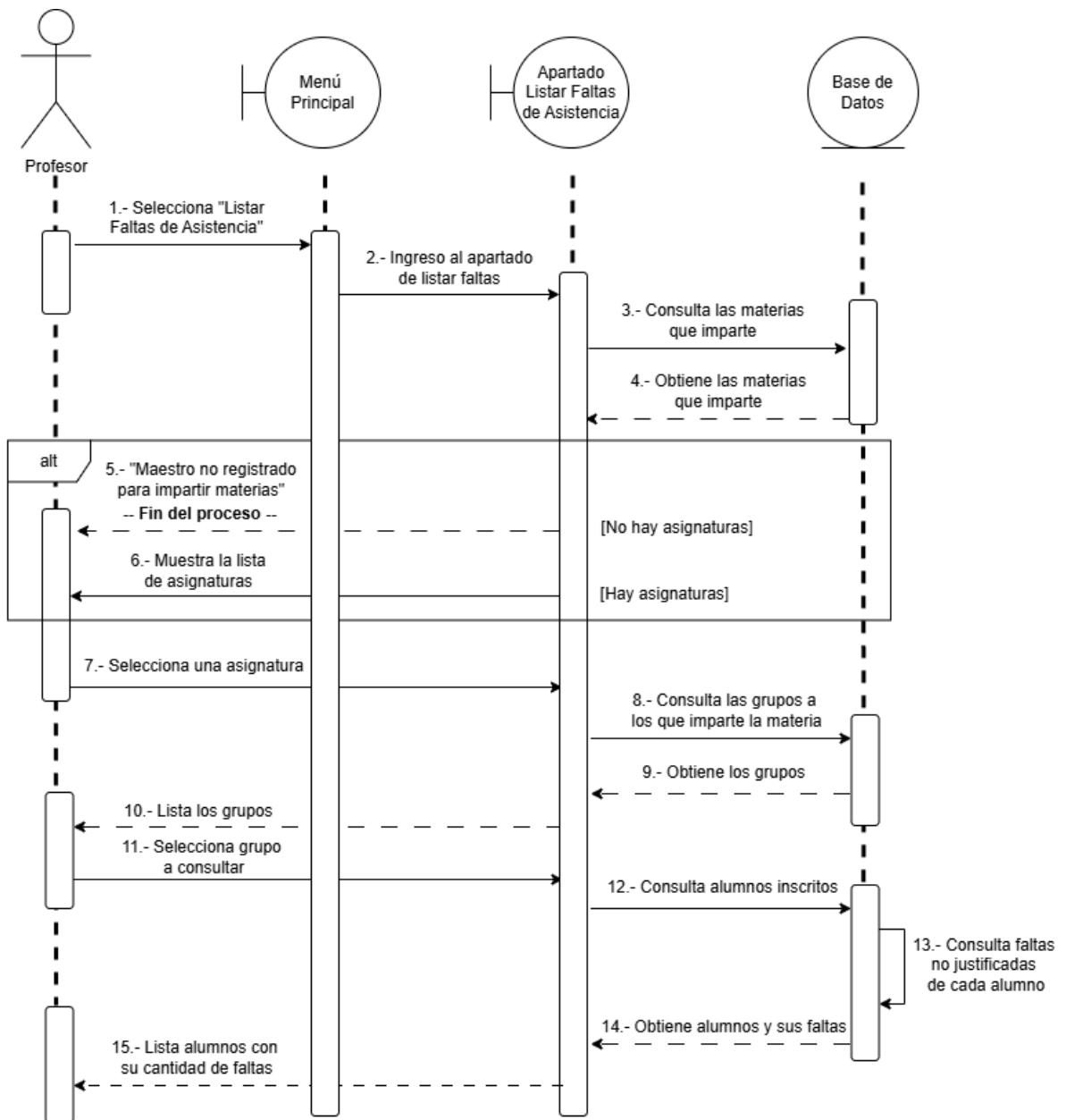
**RF-14.2**



**SIGECA**

**Profesor**  
LISTADO DE FALTAS  
DE ASISTENCIA

**RF-15**

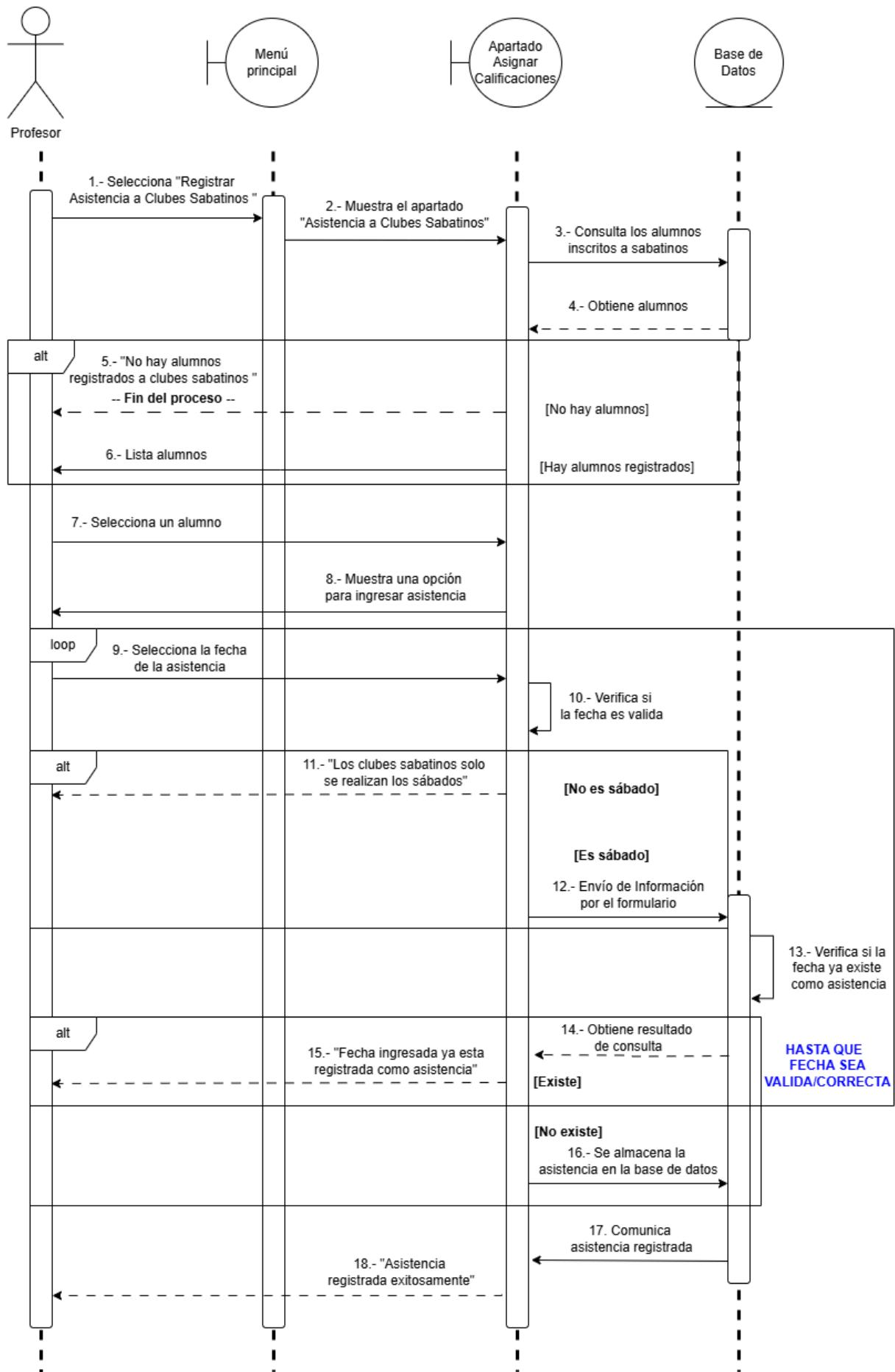


**SIGECA**

## Profesores

Registrar asistencia  
a clubes sabatinos

**RF-16**



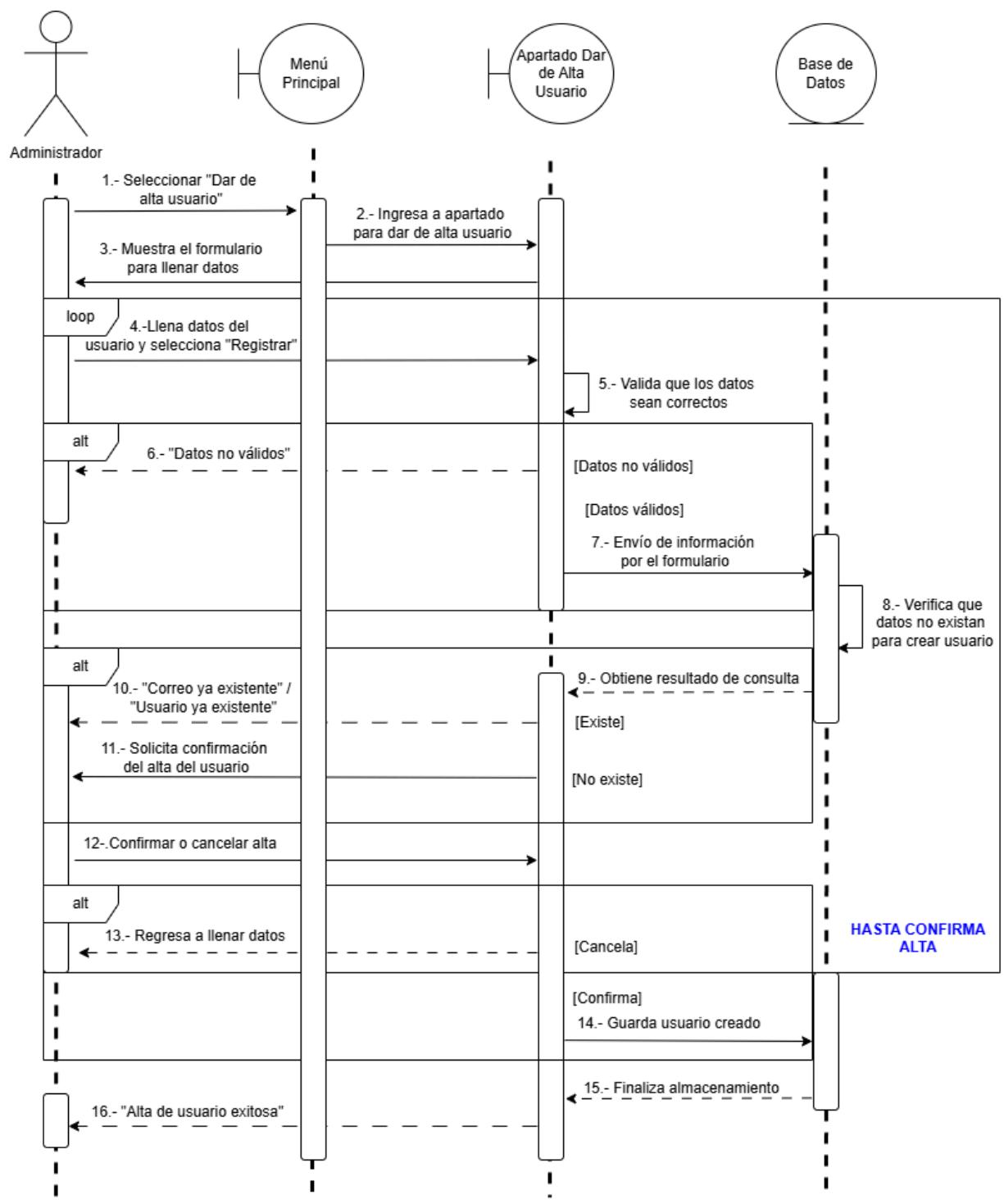
**SIGECA**

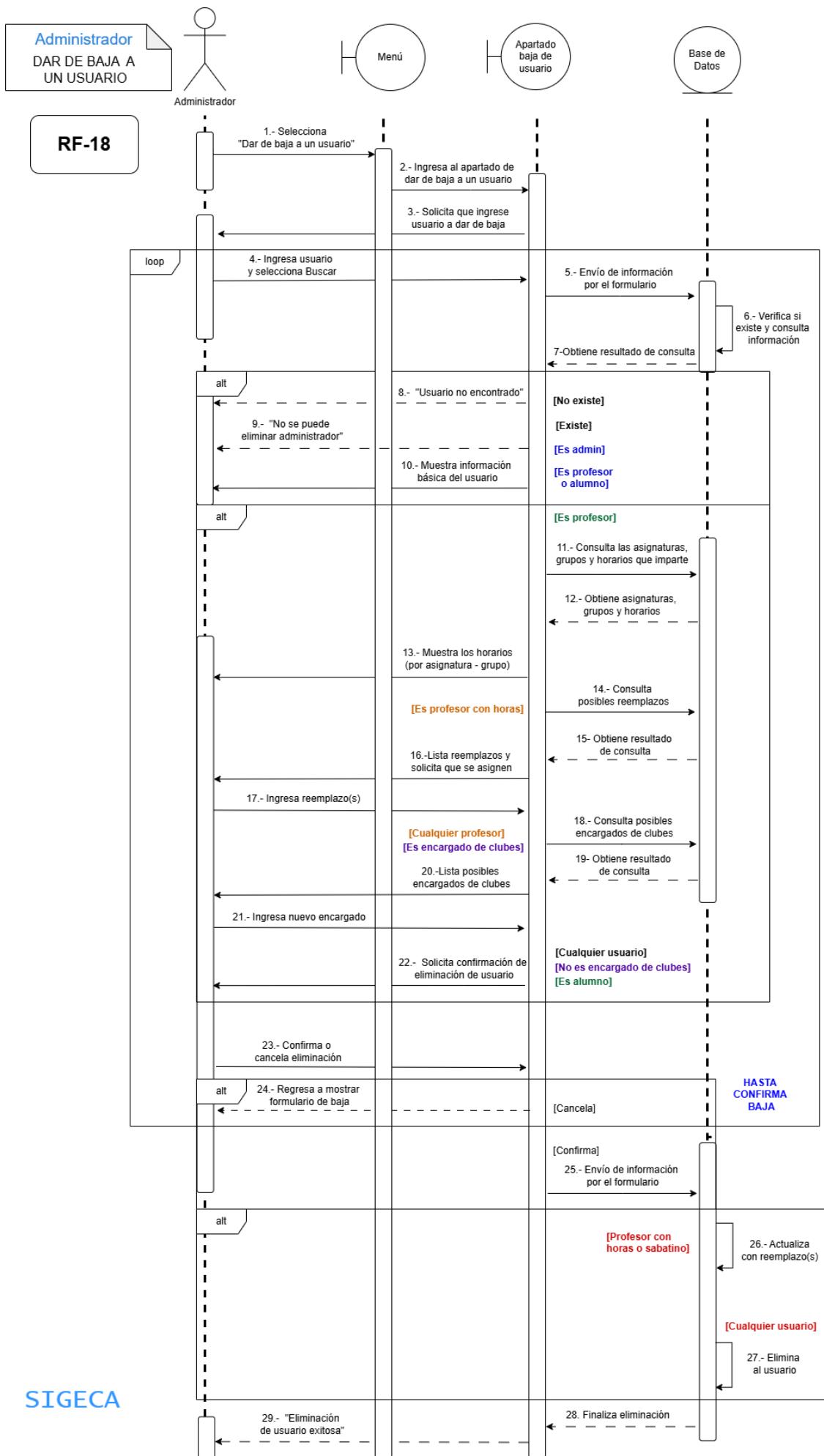
# Administrador

**Admin**  
Dar de alta  
a un usuario

**RF-17**

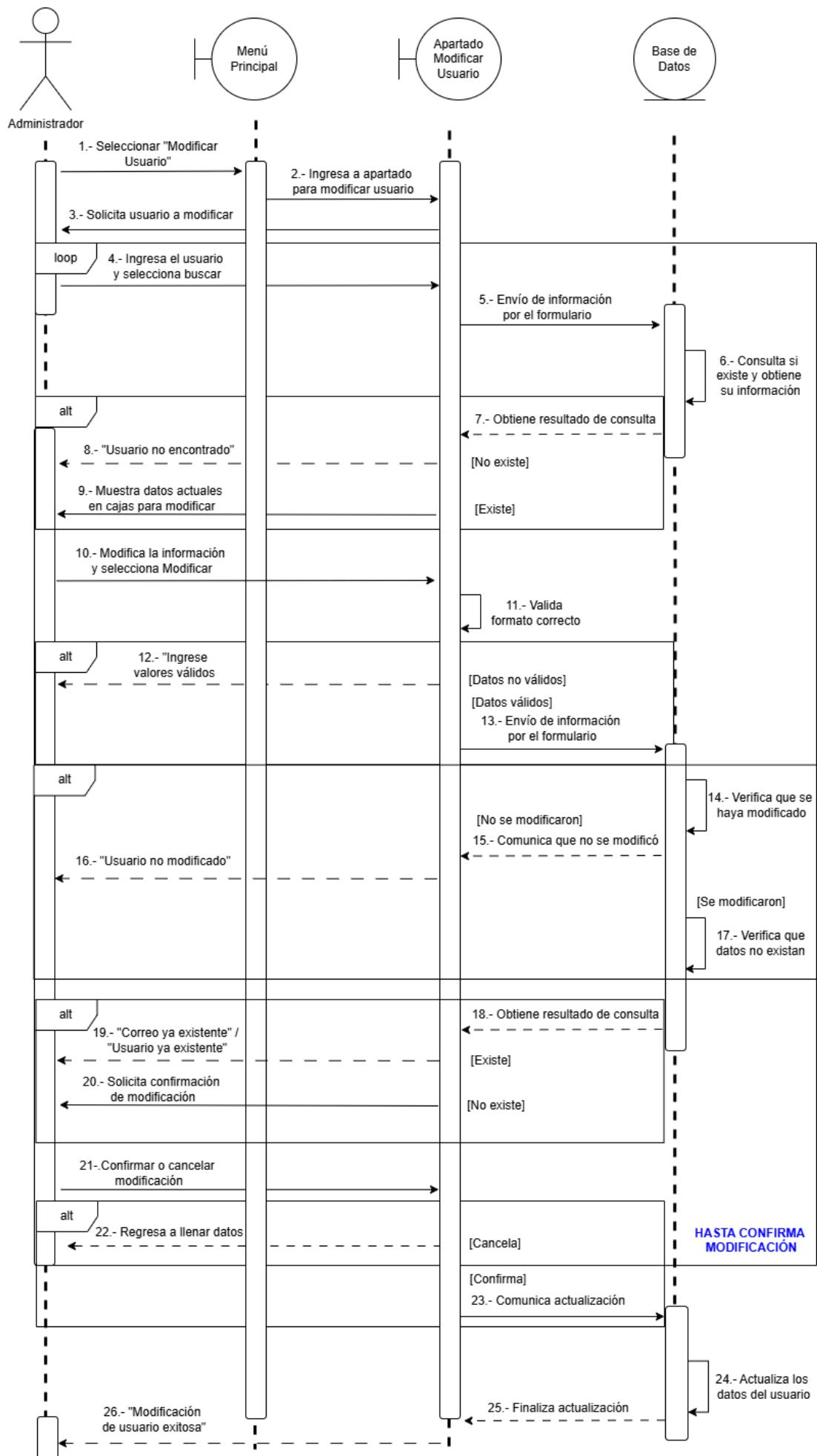
**SIGECA**





**Admin**  
Modificar  
información  
de usuario

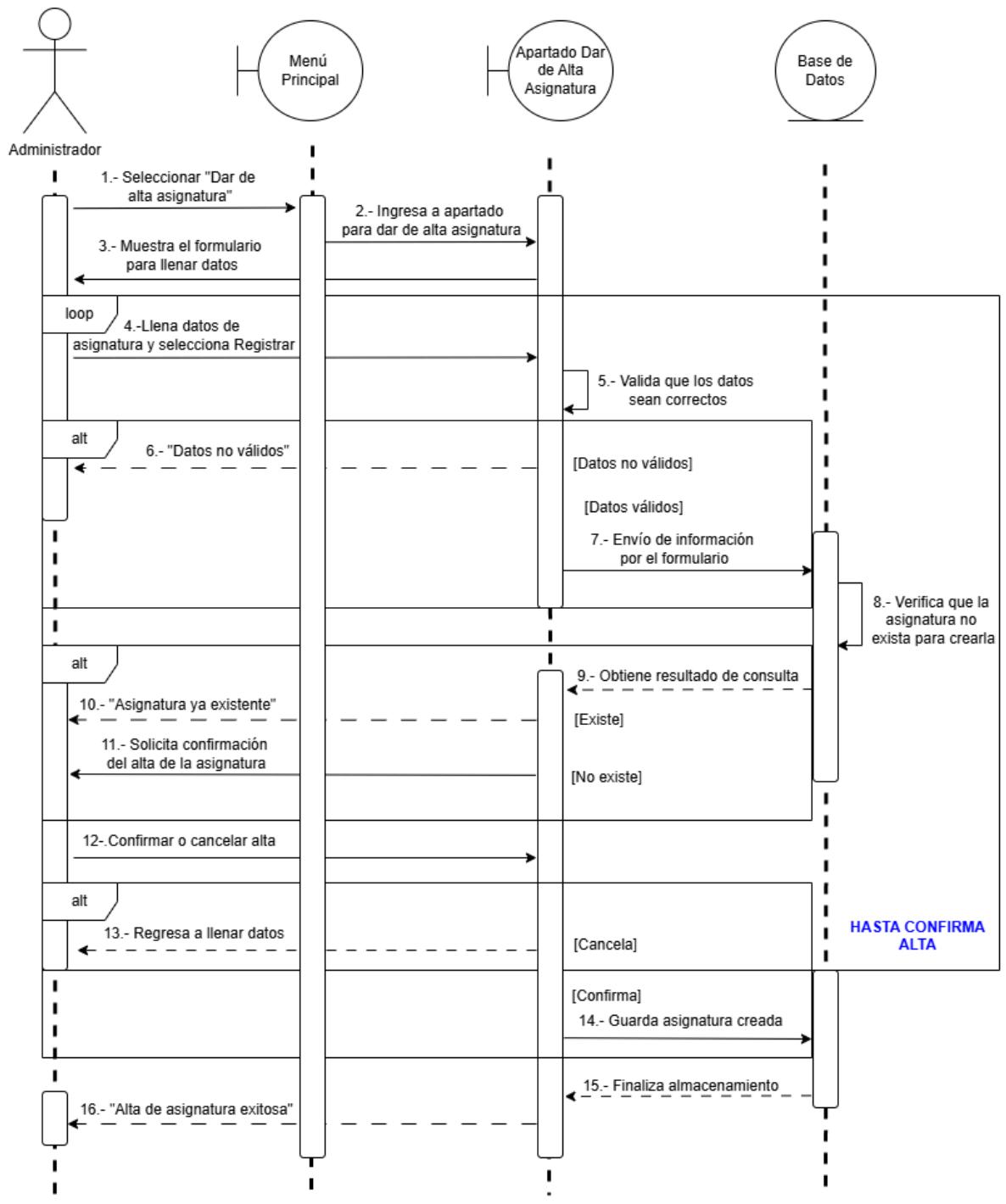
**RF-19**



**SIGECA**

**Admin**  
Dar de alta  
una asignatura

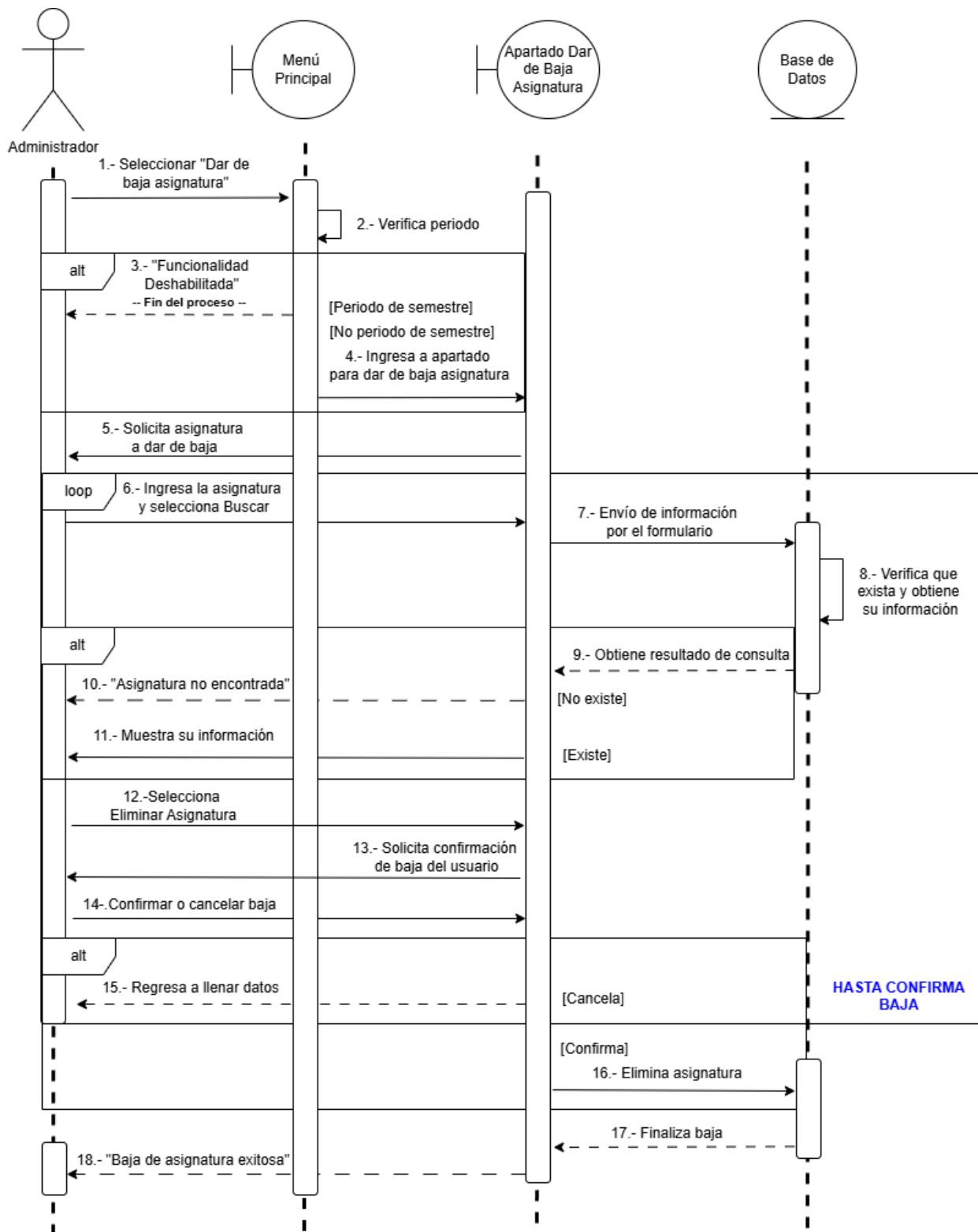
**RF-20**



**SIGECA**

**Admin**  
Dar de baja  
una asignatura

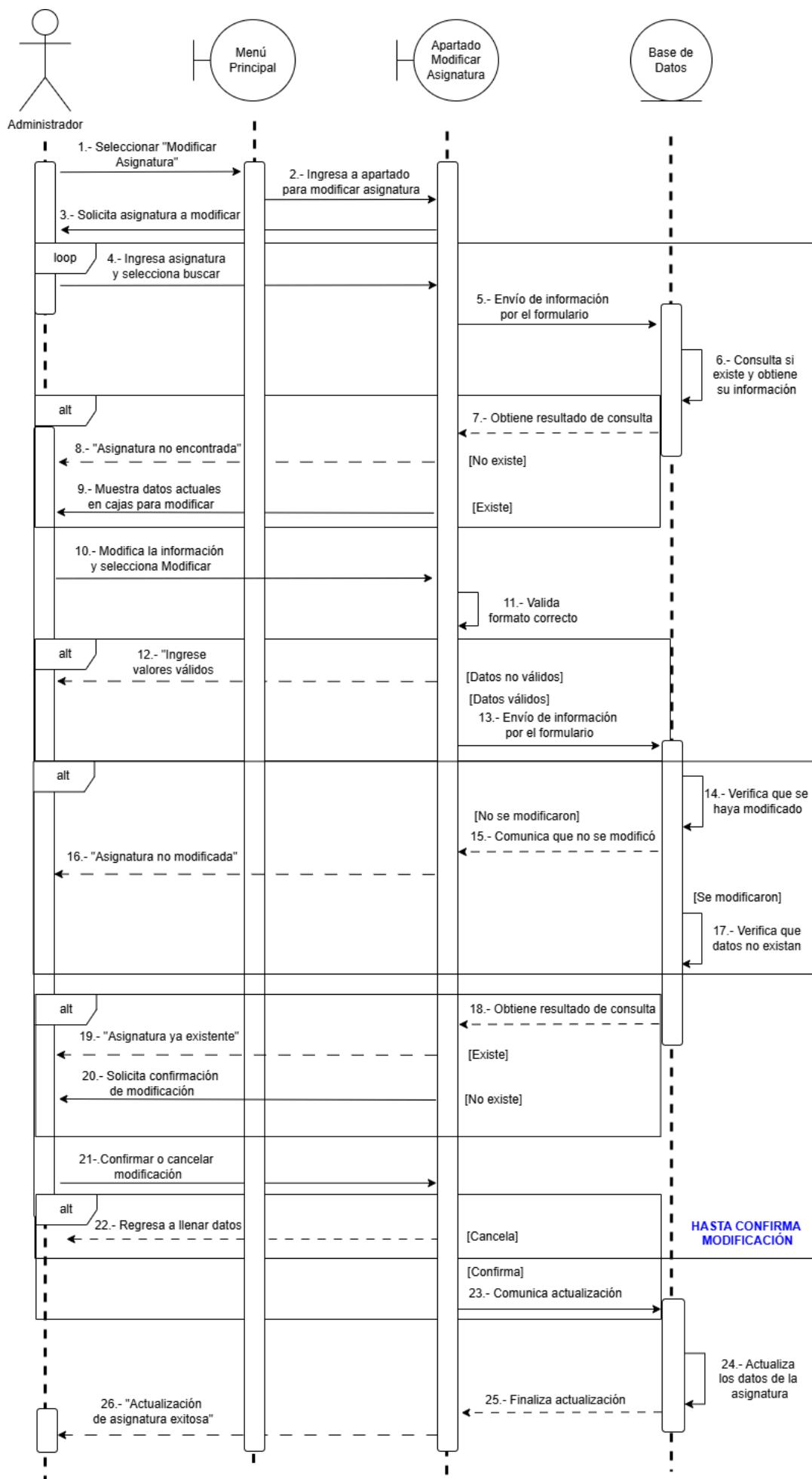
**RF-21**



**SIGECA**

**Admin**  
Modificar  
datos de  
asignatura

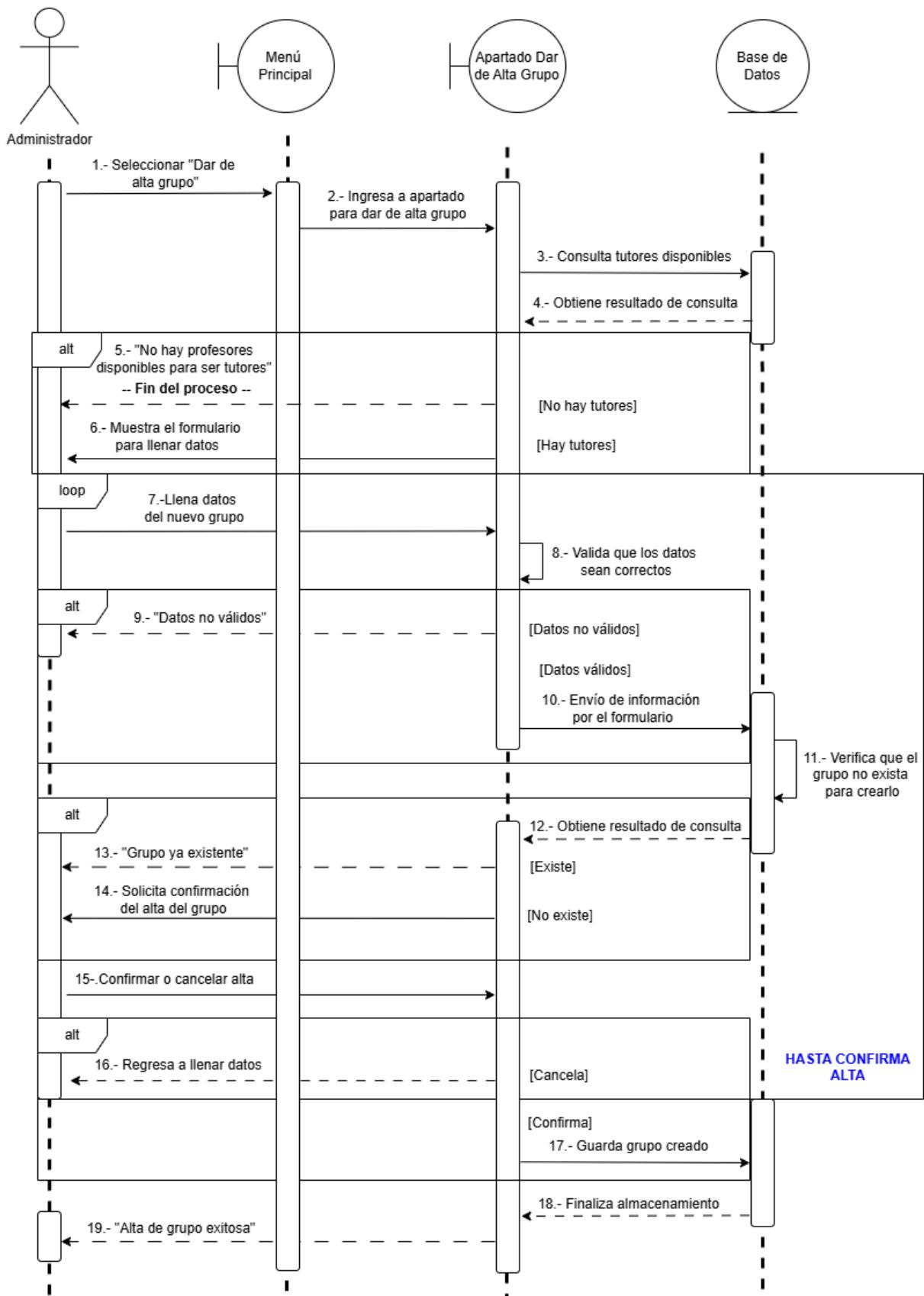
**RF-22**



**SIGECA**

**Admin**  
Dar de alta  
un grupo

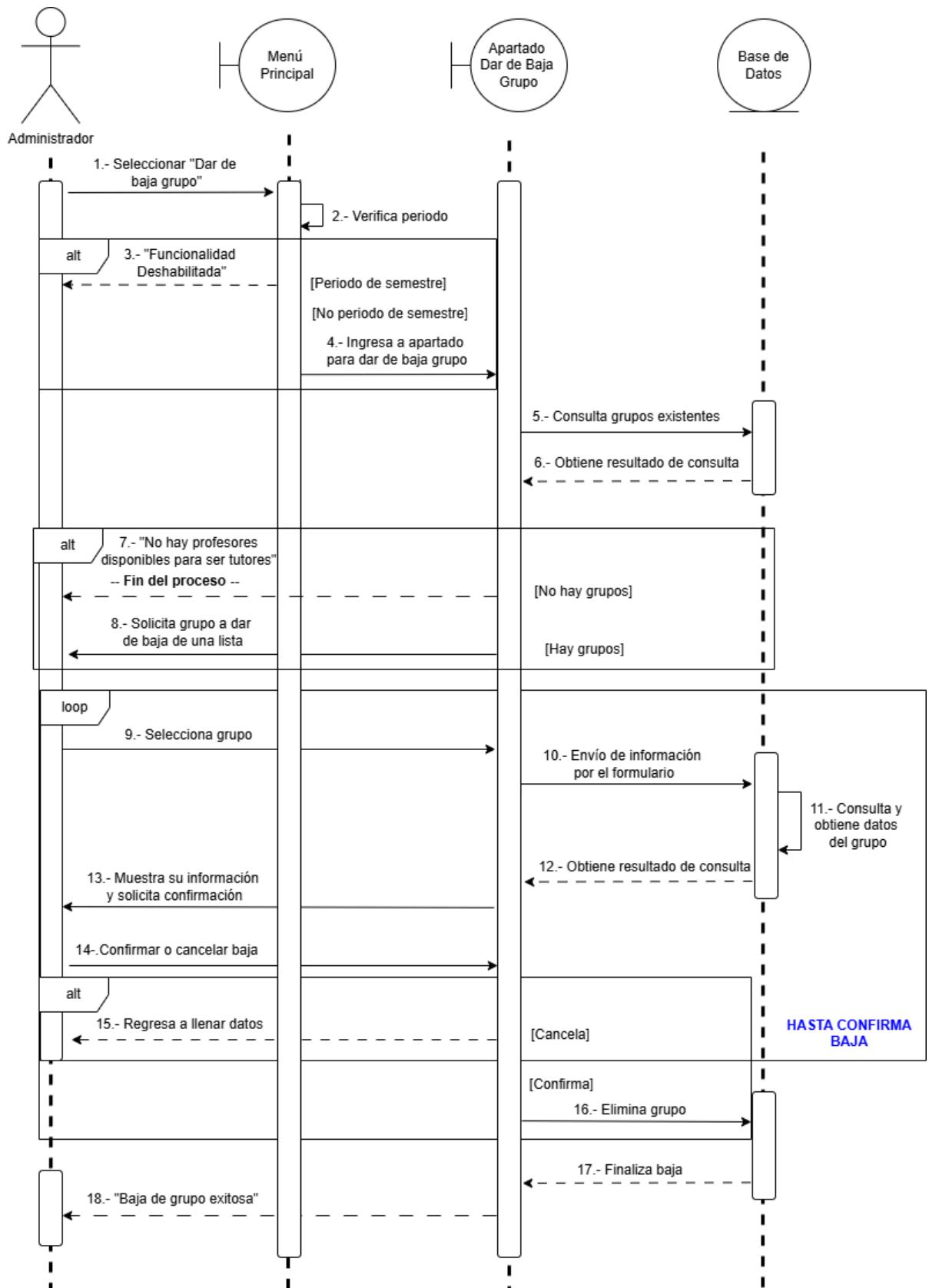
**RF-23**



**SIGECA**

**Admin**  
Dar de baja  
a un grupo

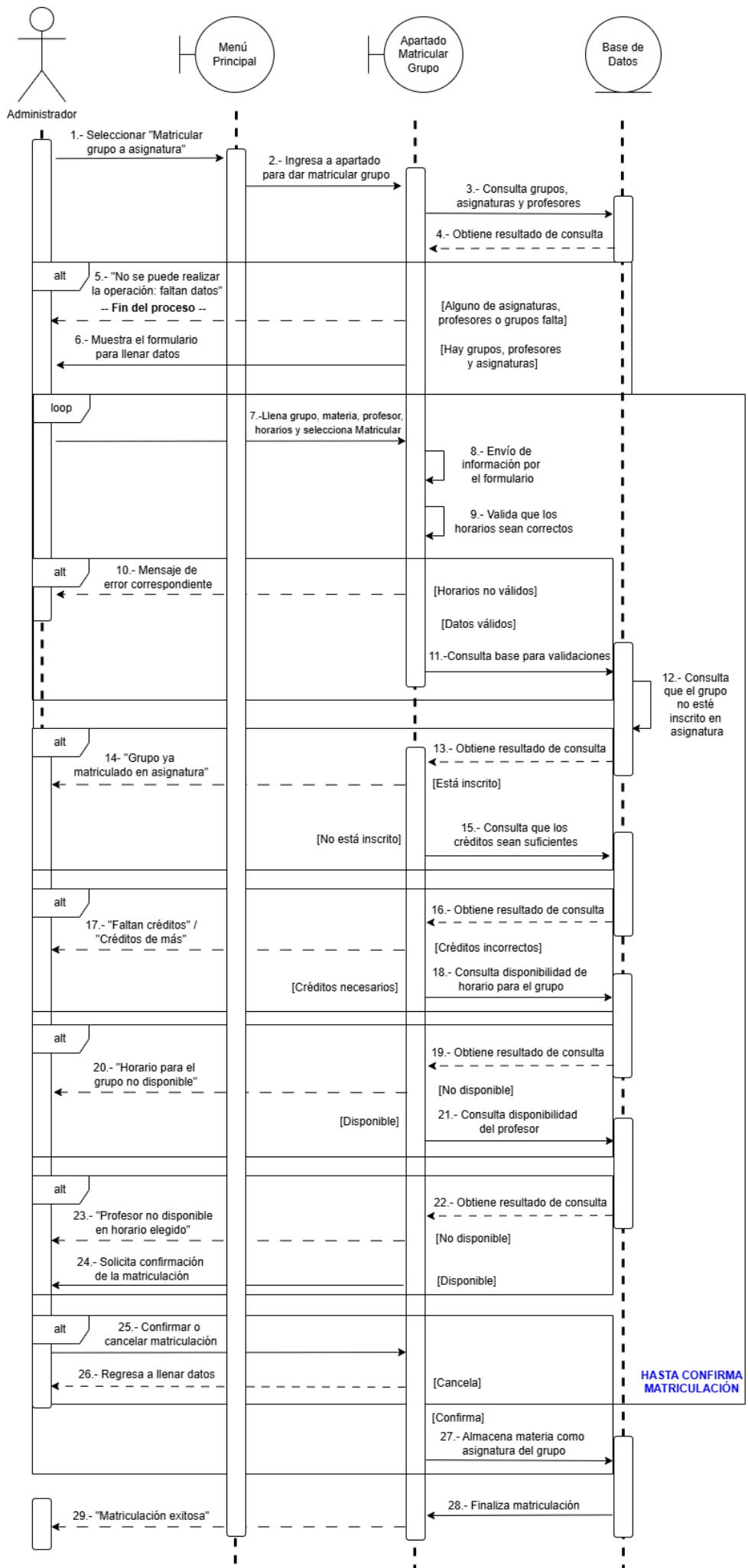
**RF-24**

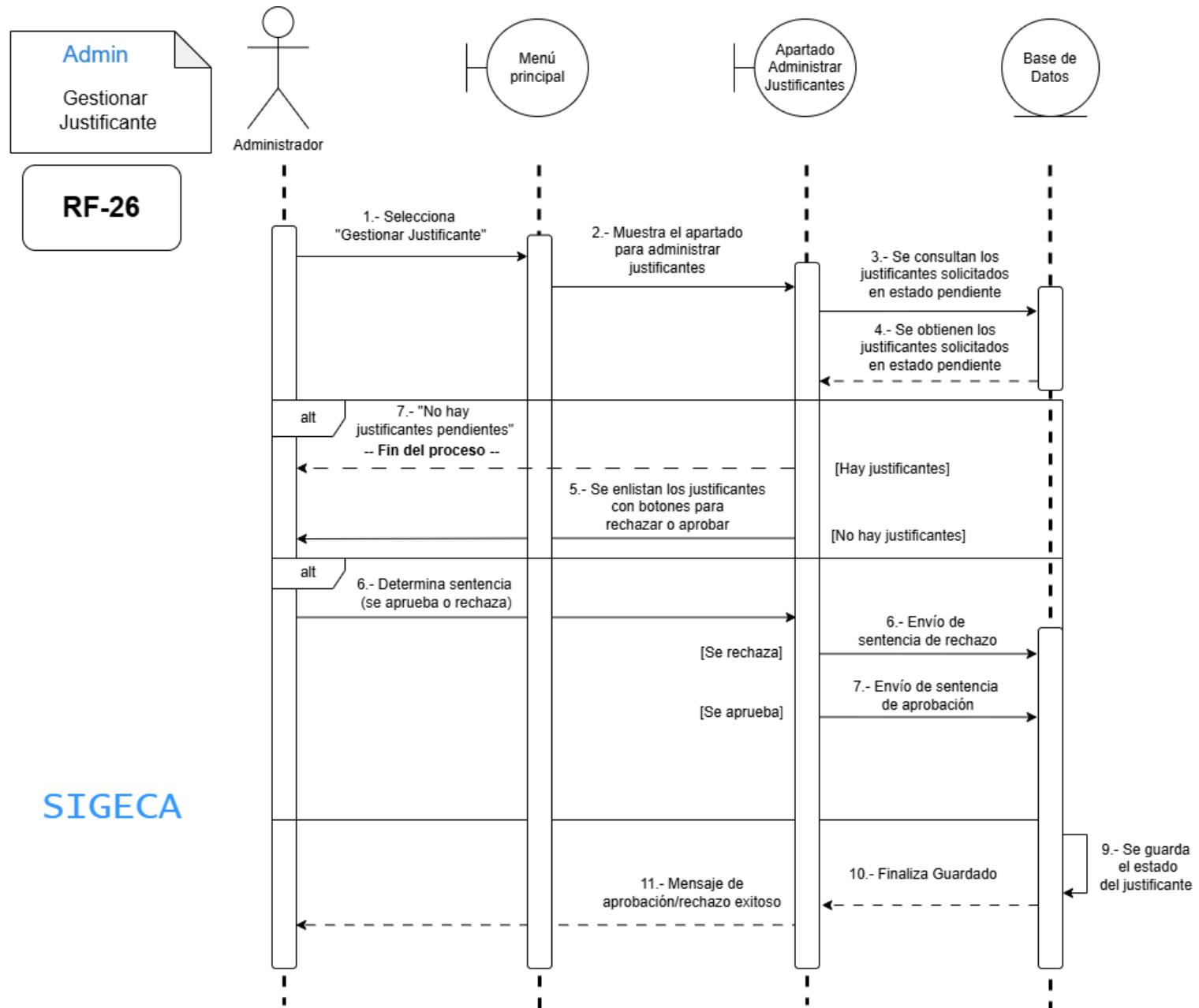


**SIGECA**

**Admin**  
Matricular grupo  
a asignatura

**RF-25**

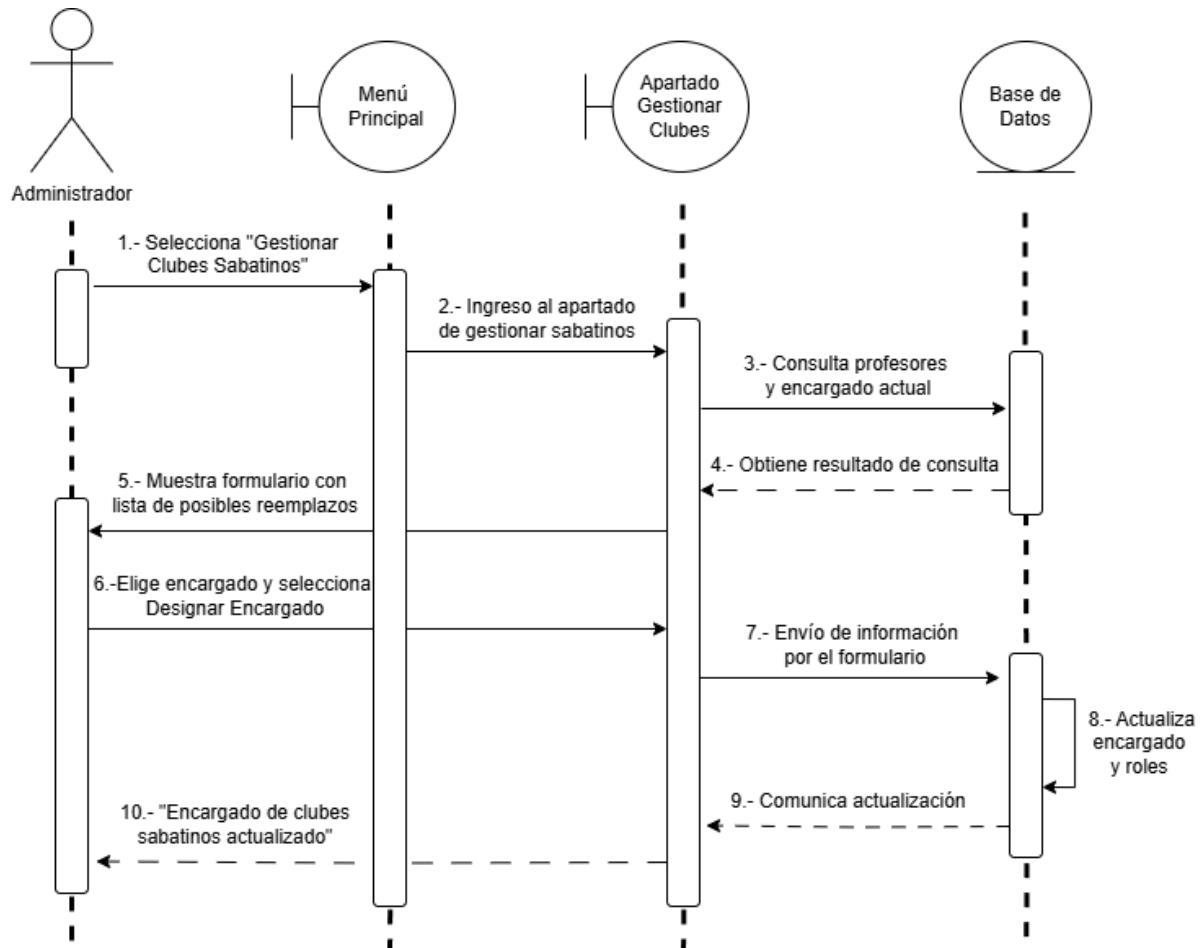




**Admin**  
Gestionar Clubes

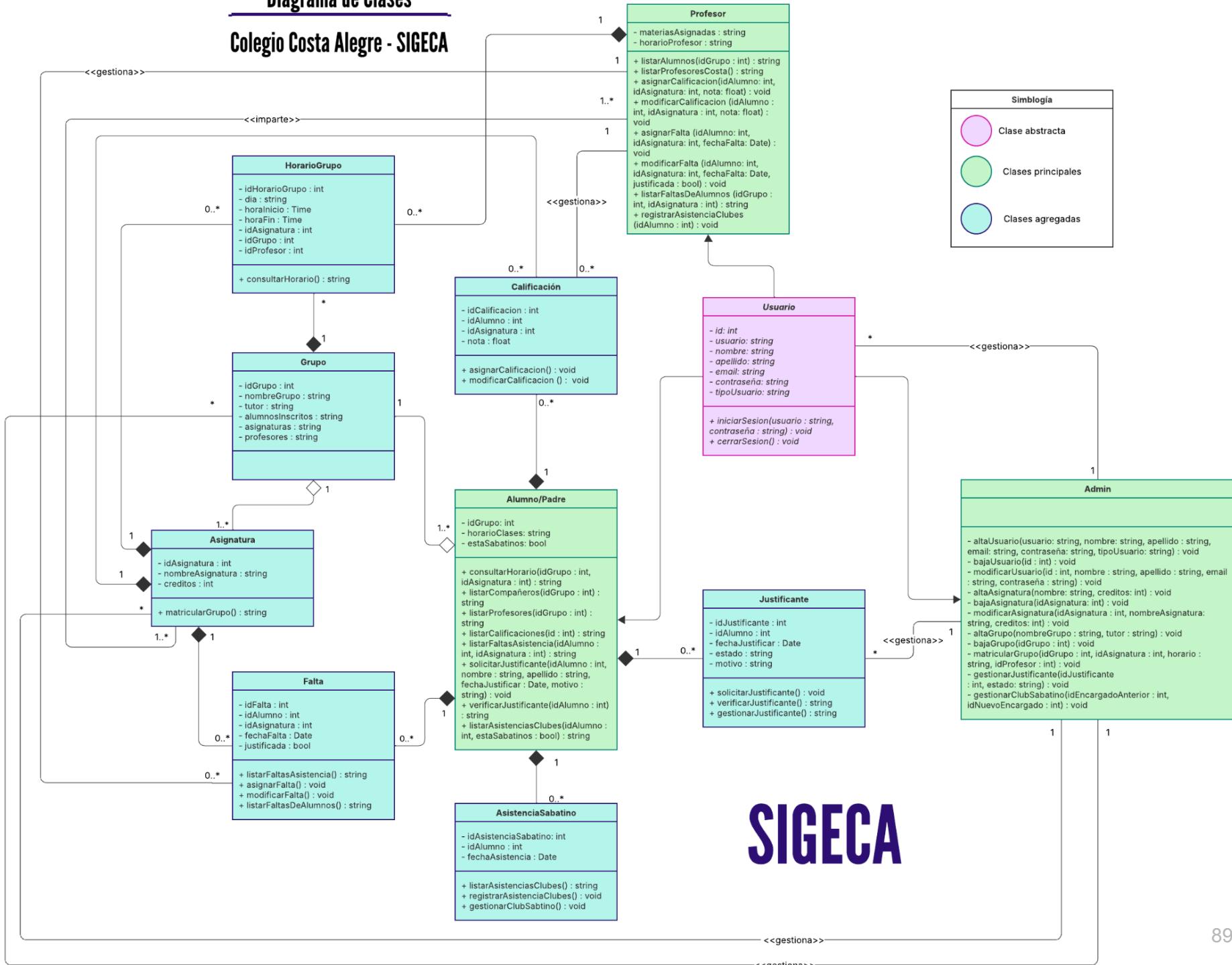
**RF-27**

**SIGECA**



# Diagrama de Clases

## Colegio Costa Alegre - SIGECA



# SIGECA