

Arquitectura microservicios: Red social

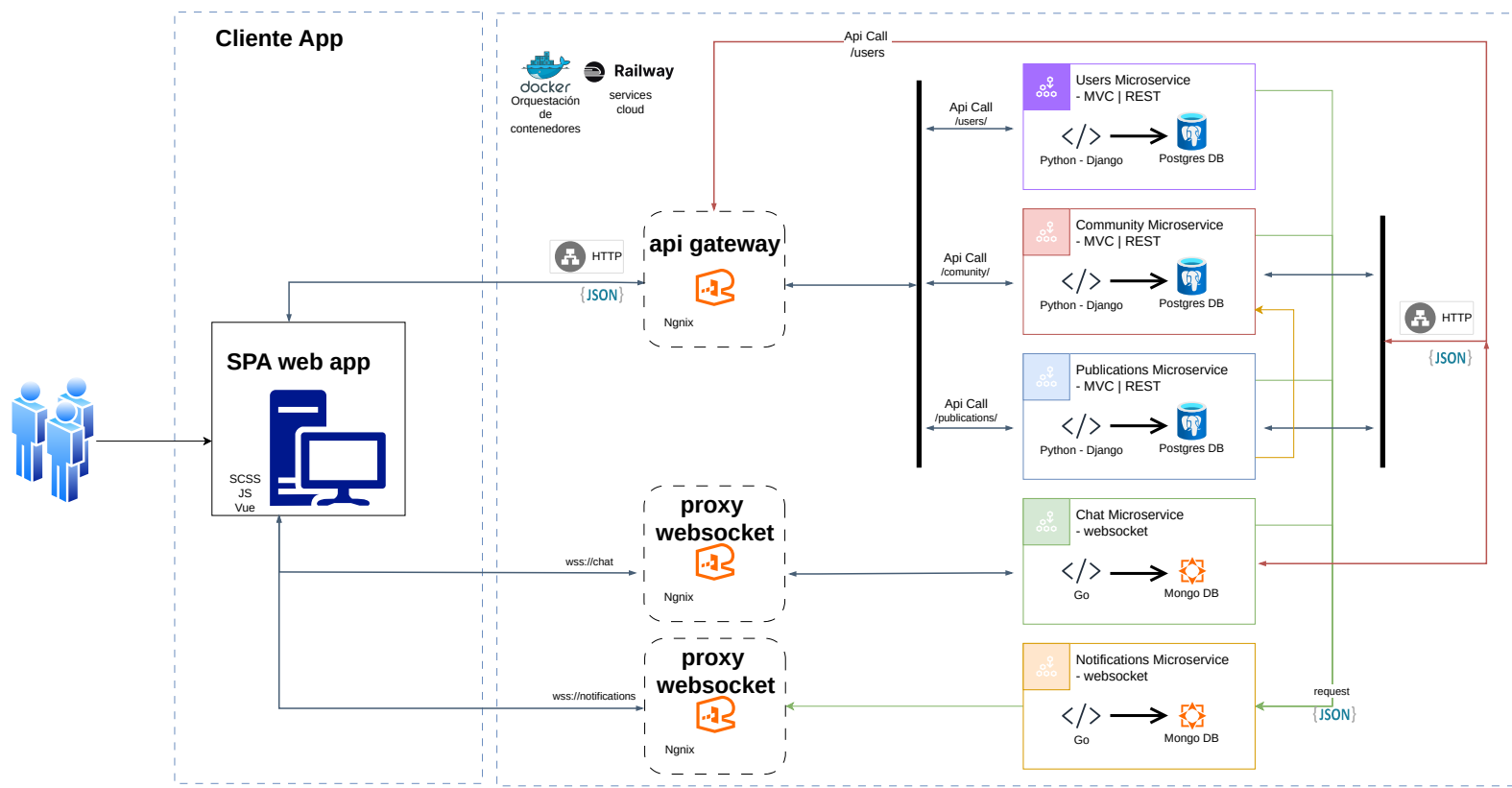


Diagrama C4 - Usuarios

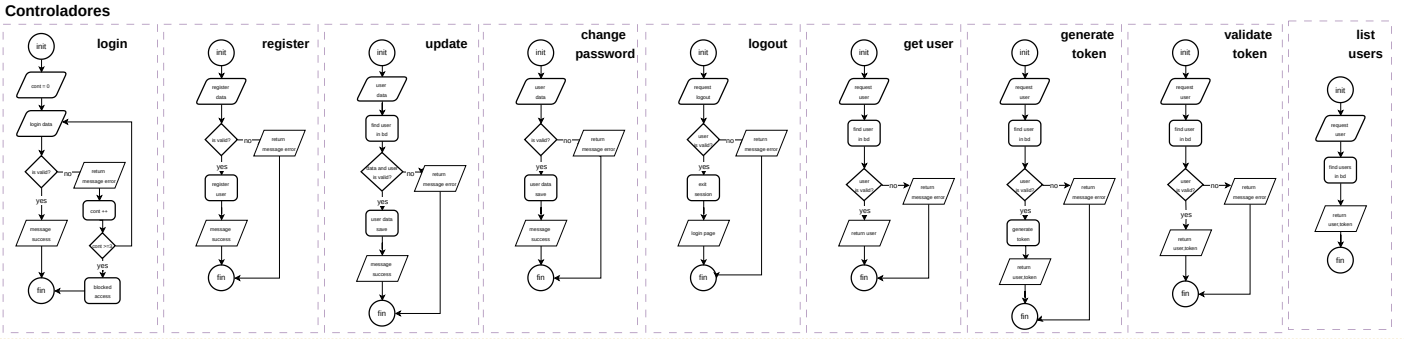
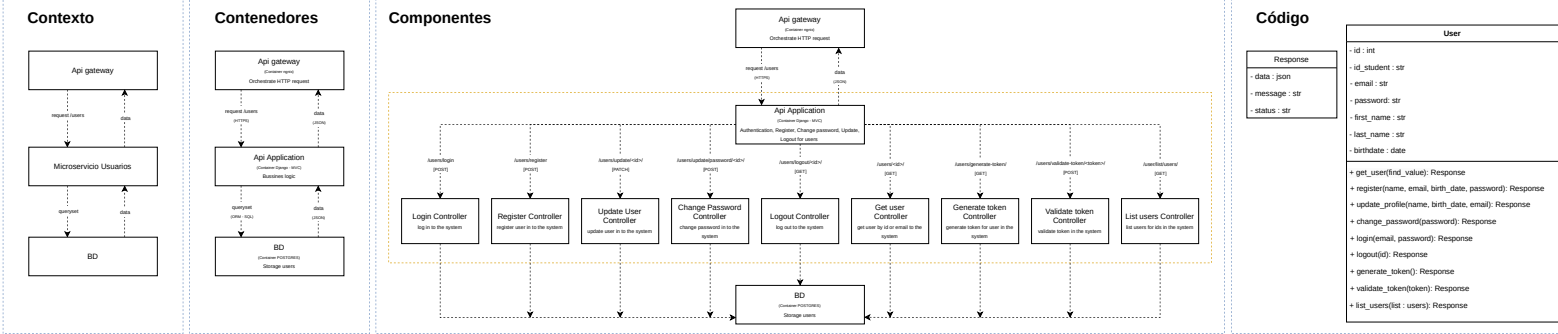
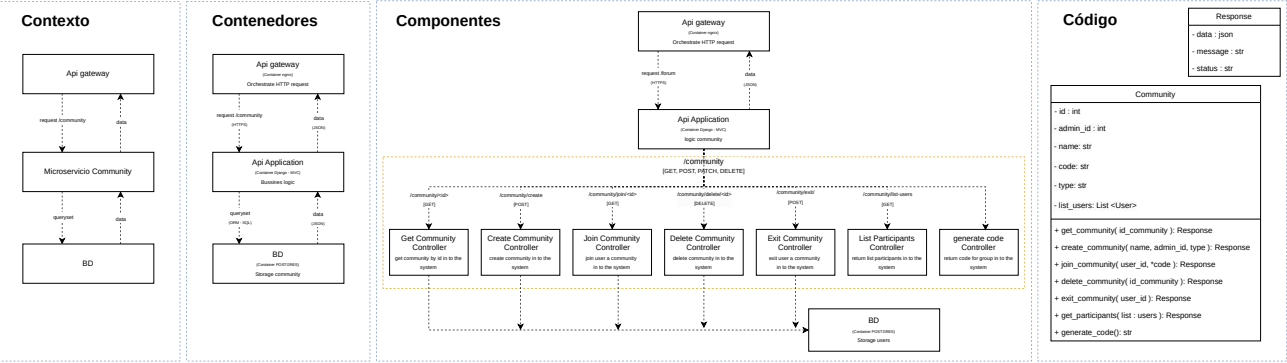


Diagrama C4 - Community



Controladores

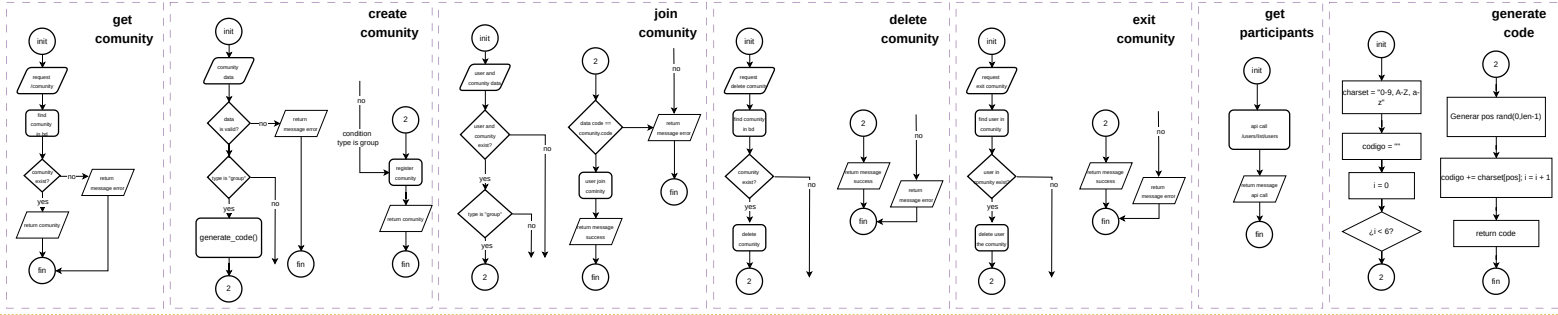


Diagrama C4 - Publications

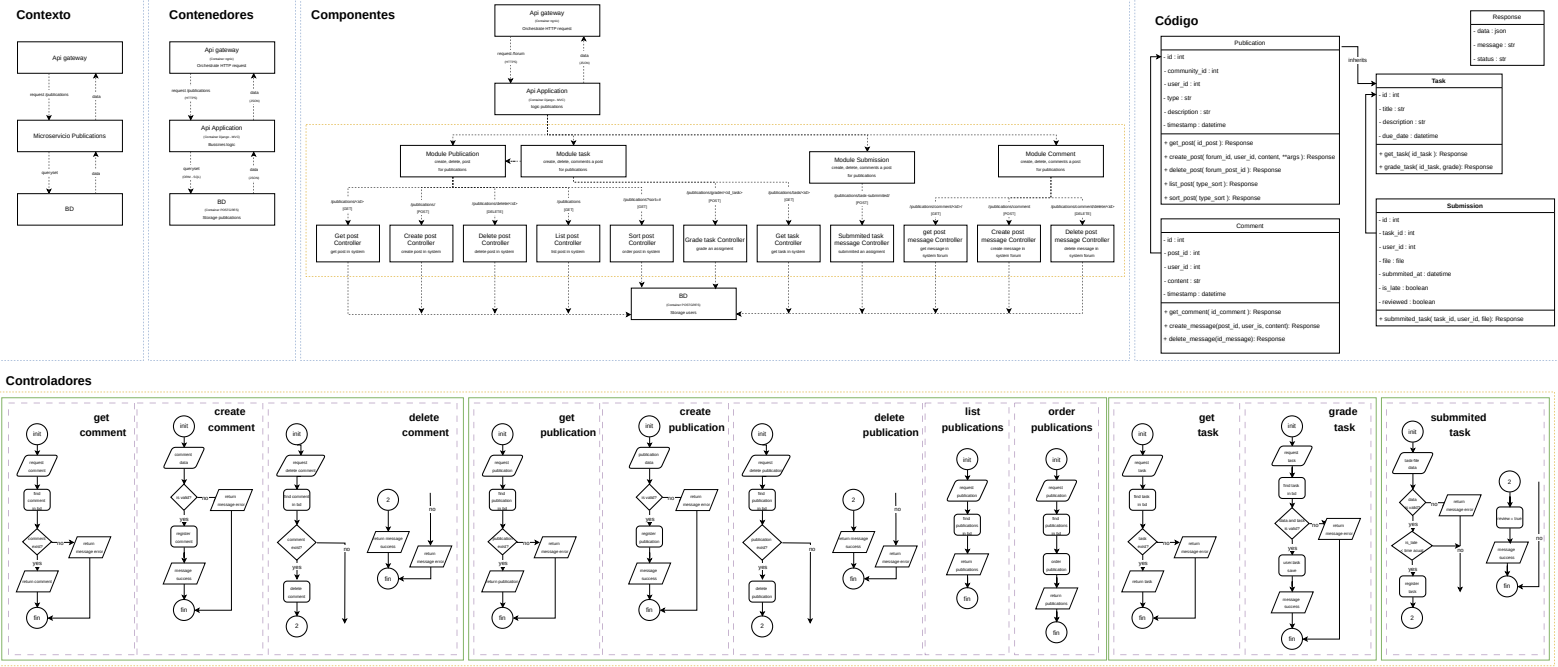
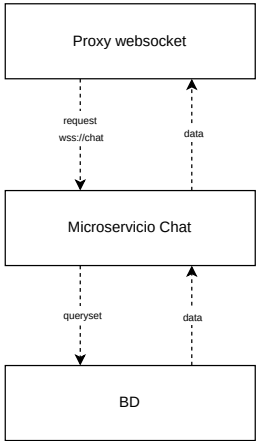
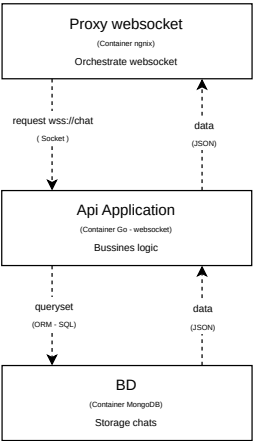


Diagrama C4 - Chat

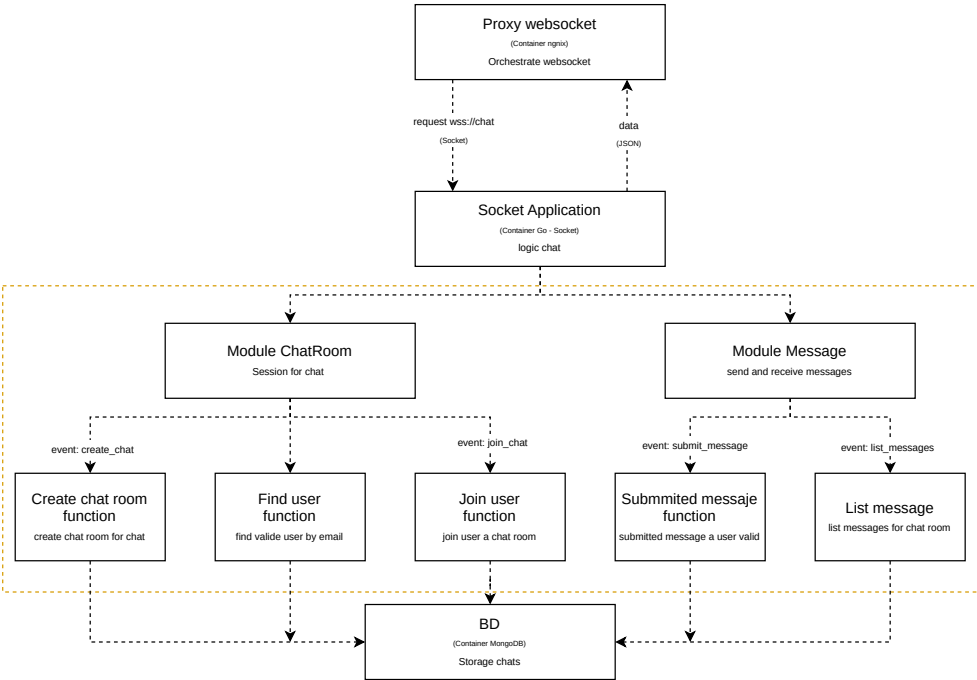
Contexto



Contenedores



Componentes



Código

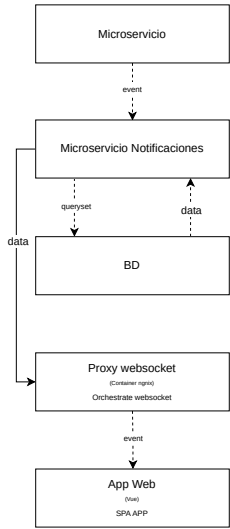
Response
- data : json
- message : str
- status : str

ChatRoom
- id : int
- participants : List <User>
+ create_chat(participants): ChatRoom
+ find_user(email_user): bool
+ join_user(id_chat_room, id_user): bool

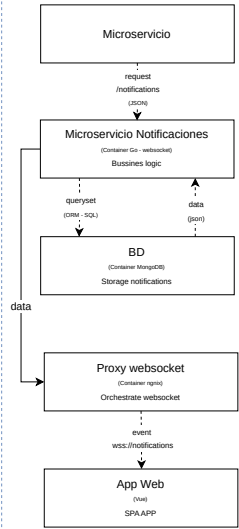
Message
- id : int
- room_id : int
- sender_id : int
- message : str
- timestamp : datetime
+ submit_message(room_id, message, sender_id): Response
+ list_message(room_id): Response

Diagrama C4 - Chat

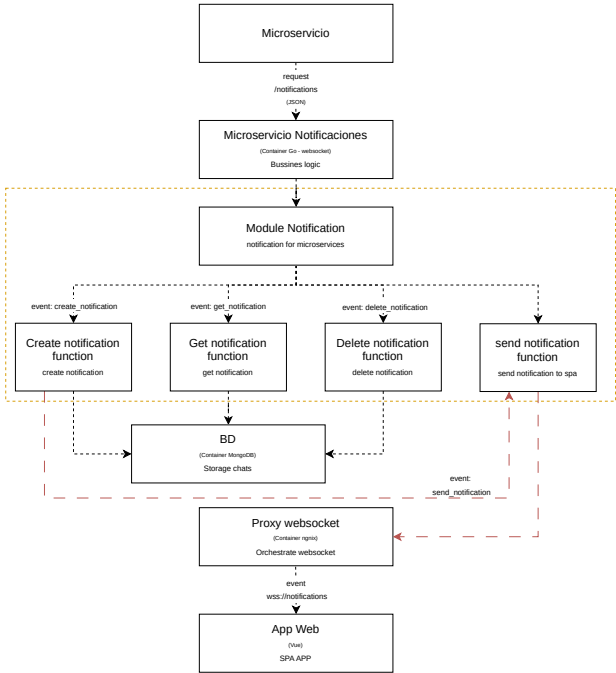
Contexto



Contenedores



Componentes



Código

Response
- data : json
- message : str
- status : str

Notification
- id : int
- user_id : int
- title : str
- message : str
- type : str
- created_at : datetime
+ create_notification(user_id, title, message, type): Response
+ get_notifications(user_id): List<Notification>
+ delete_notification(id): Response
+ send_notification(user_id, title, message, type): Response