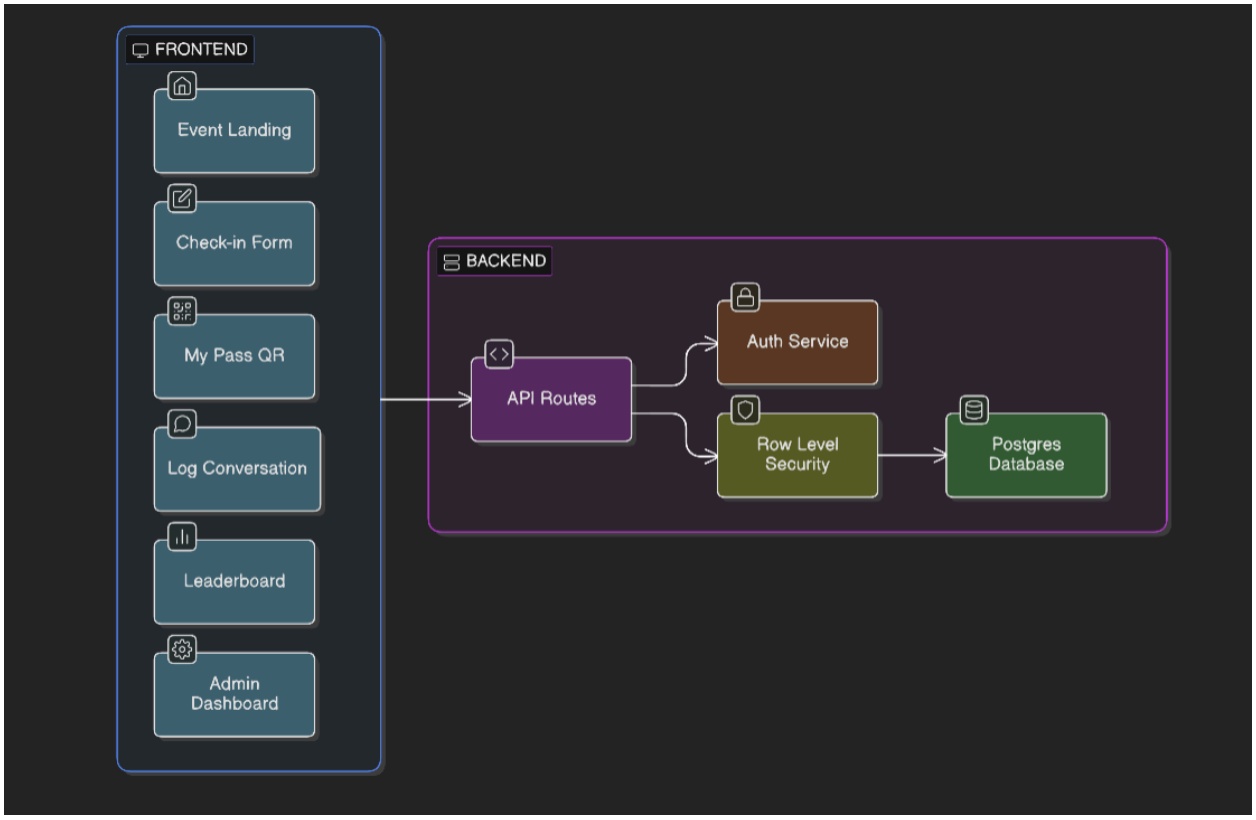
Component Diagram (Logical)



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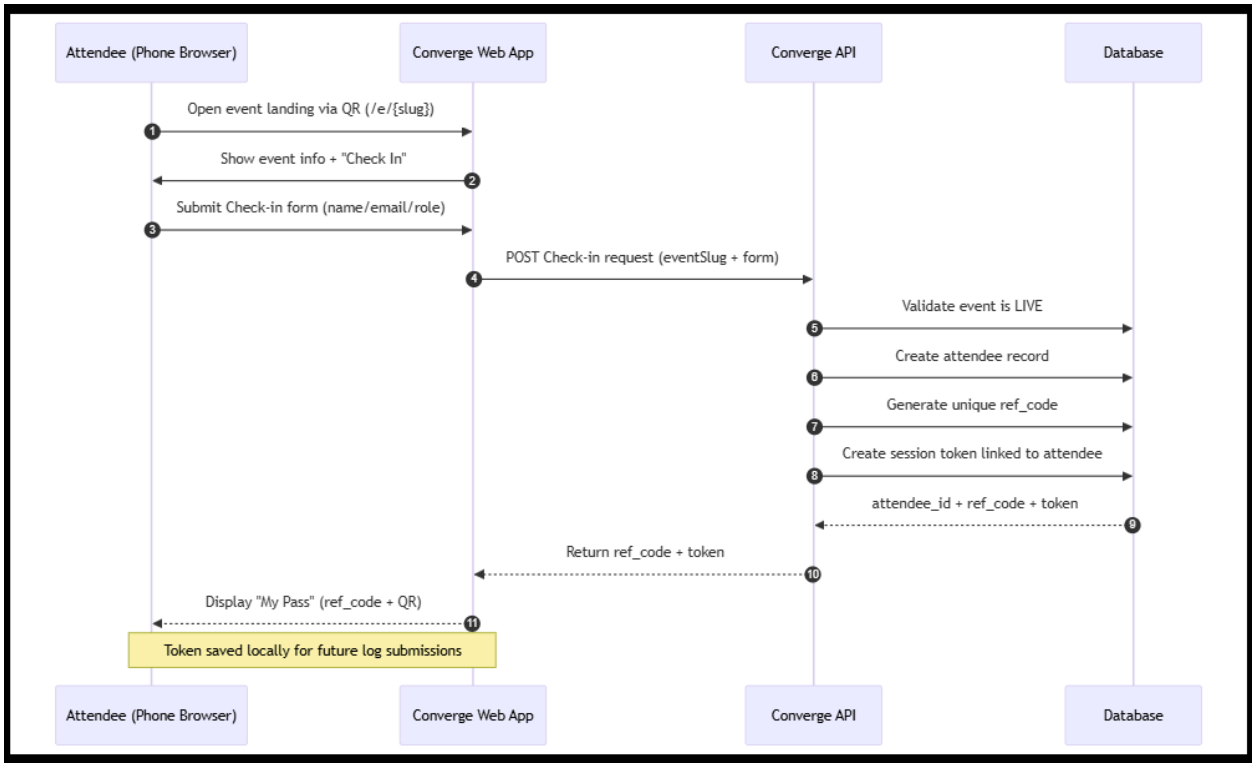
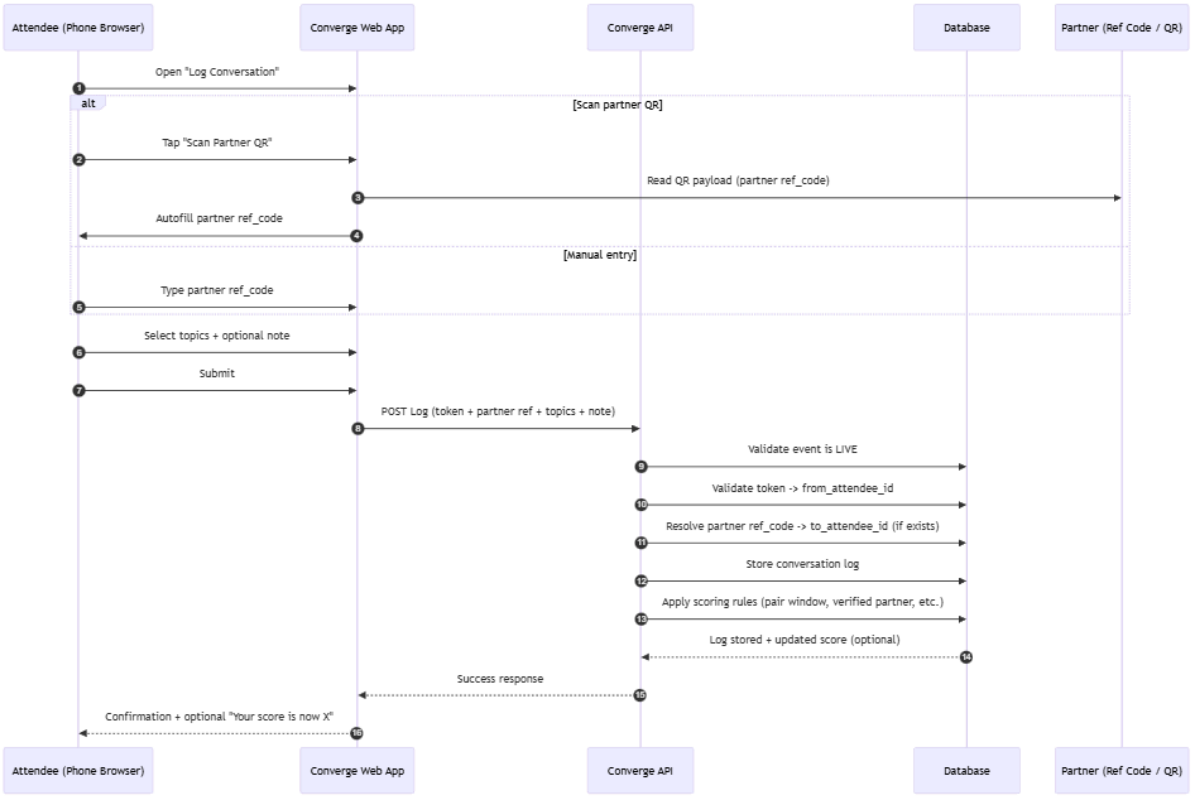
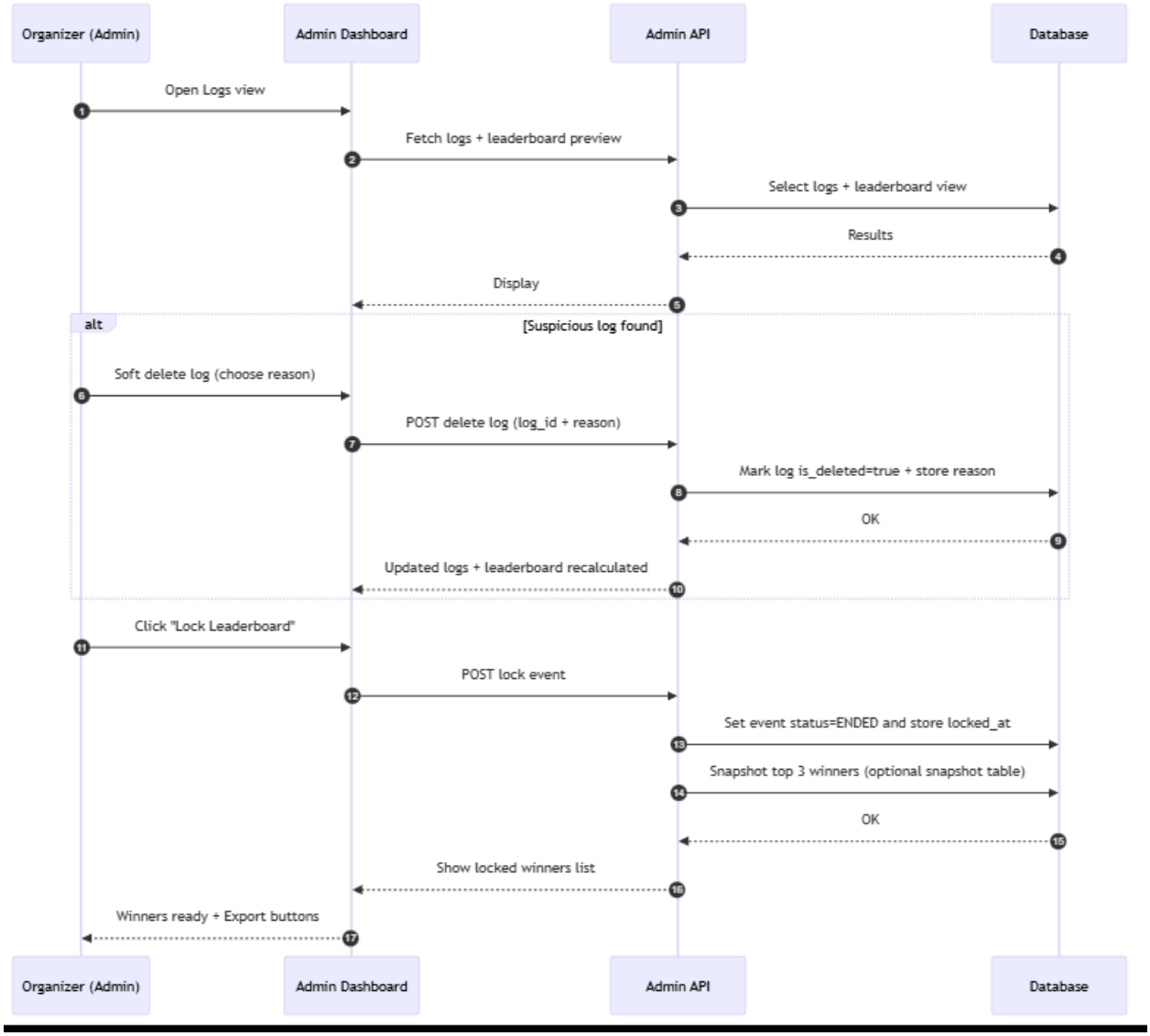
1) Sequence Diagrams (Mermaid)



1.2 Attendee Logs a Conversation (Manual or QR Scan)


Attendee (Phone Browser)
Converge Web App
Converge API
Database
Partner (Ref Code / QR)
Open "Log Conversation"
alt
[Scan partner QR]
Tap "Scan Partner QR"
Read QR payload (partner ref_code)
Autofill partner ref_code
[Manual entry]
Type partner ref_code
Select topics + optional note
Submit
POST Log (token + partner ref + topics + note)
Validate event is LIVE
Validate token -> from_attendee_id
Resolve partner ref_code -> to_attendee_id (if exists)
Store conversation log
Apply scoring rules (pair window, verified partner, etc.)
Log stored + updated score (optional)
Success response
Confirmation + optional "Your score is now X"
Attendee (Phone Browser)
Converge Web App
Converge API
Database
Partner (Ref Code / QR)

1.3 Admin Moderation + Leaderboard Lock (End of Event)