DATA FLOW DIAGRAM - LEVEL 1 (PROCESS BREAKDOWN)

1 Authentication & Authorization (JWT + RBAC)

2 Exam Management

3 Real-Time Proctoring

4 Exam Submission & Grading

5 Notification & Alert System

6 Ban Management & Appeals

7 Analytics & Reporting

- JWT Token
- Exam Session
- Violation Alert
- Ban Trigger

D1: users

D2-D3: students, teachers

D4-D7: exam, questions, files

D8-D10: proctoring_logs

D11-D12: answers, results

D13-D15: notifications

D16: unban_requests