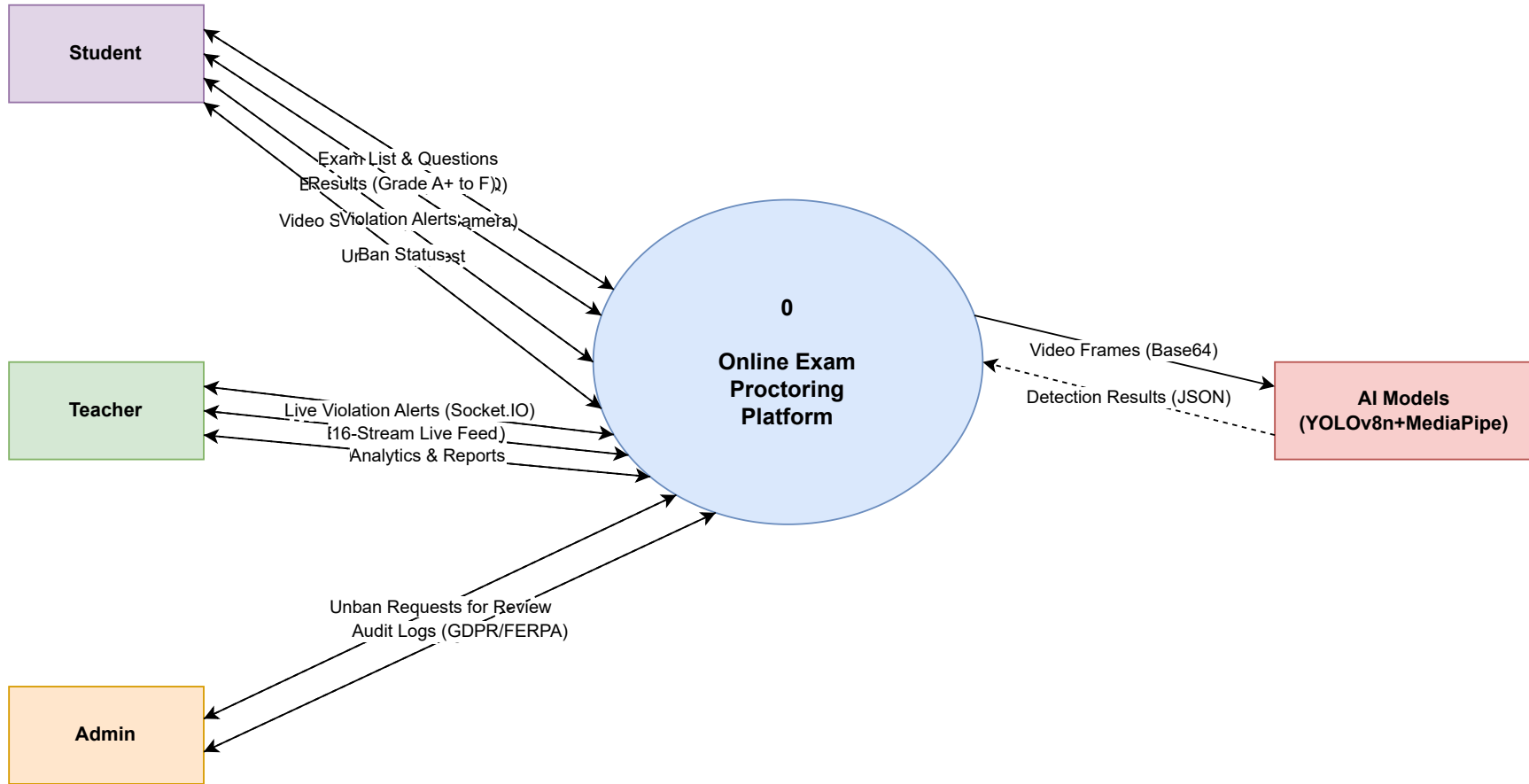
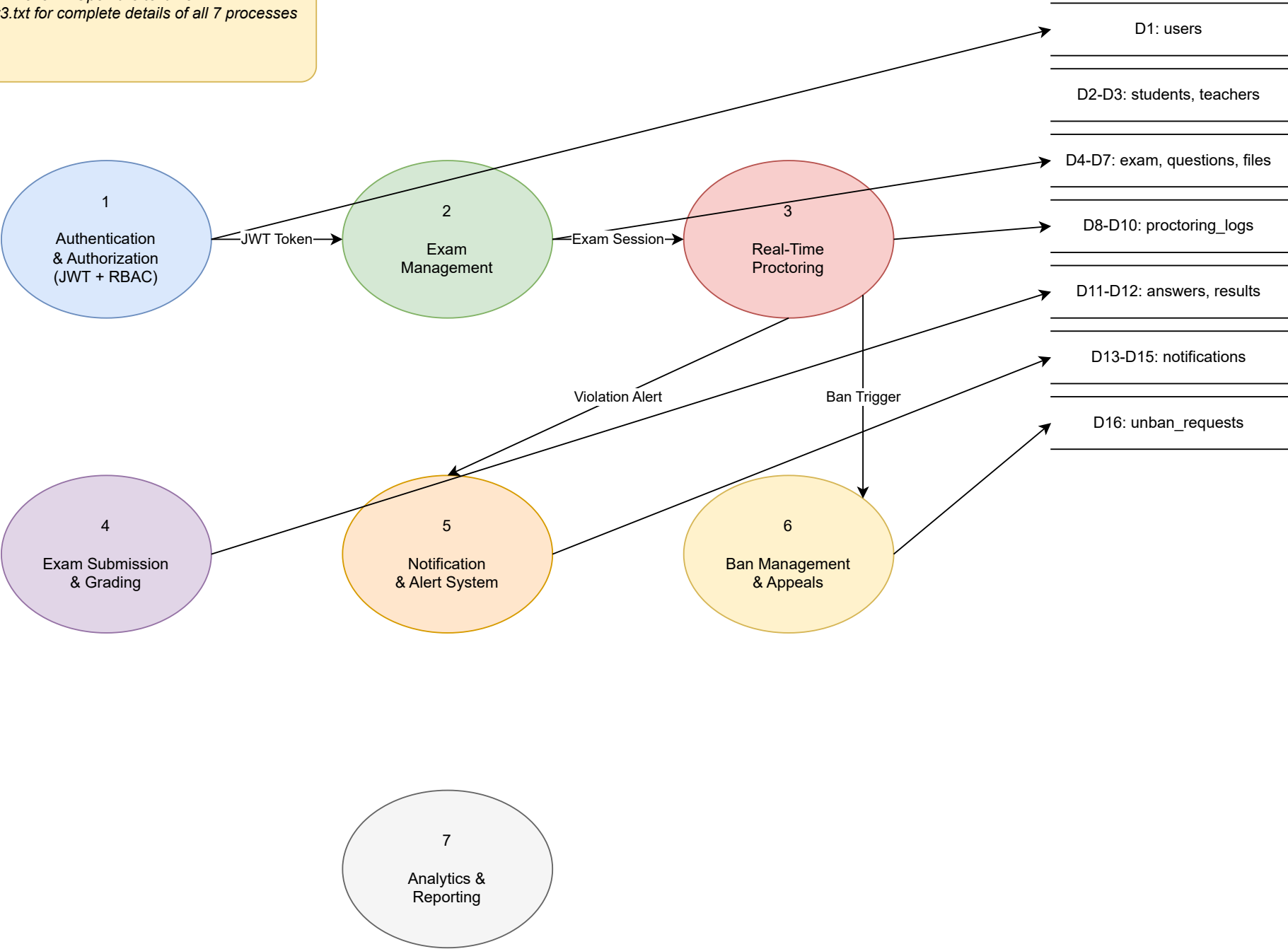


## DATA FLOW DIAGRAM - LEVEL 0 (CONTEXT DIAGRAM)



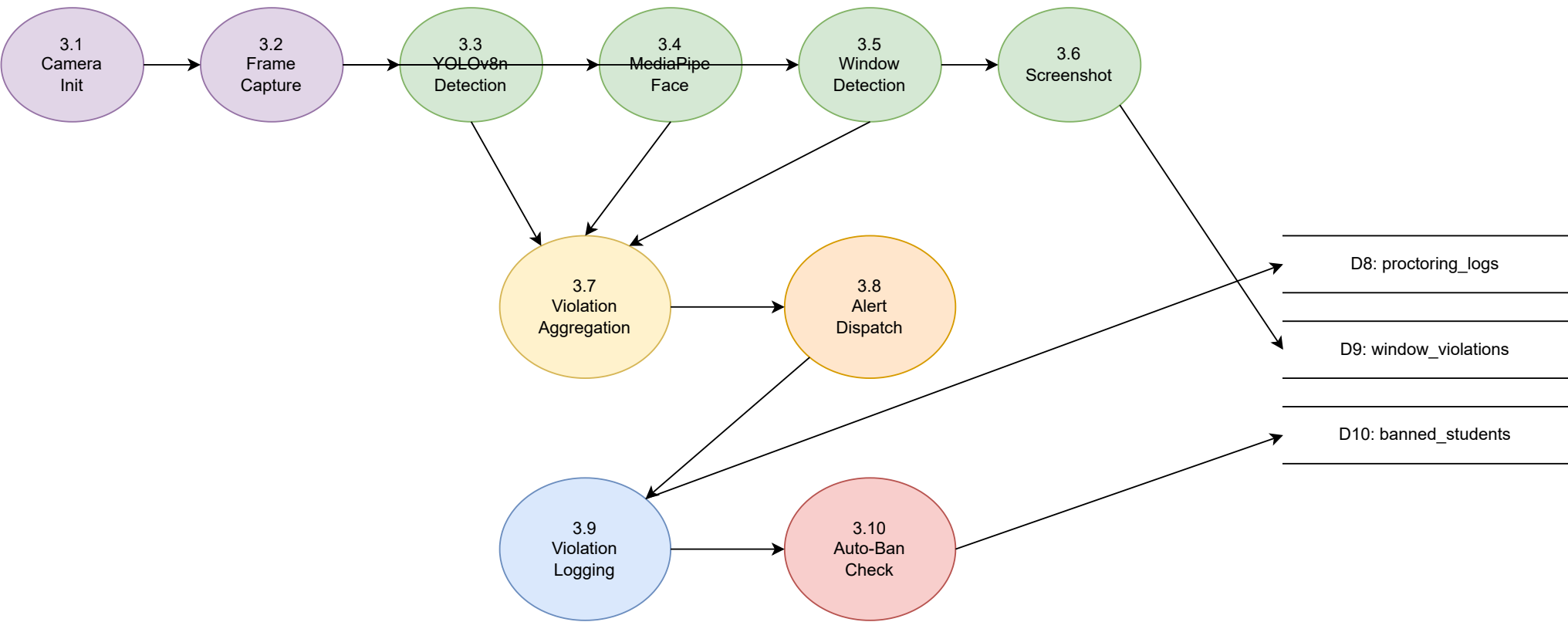
DATA FLOW DIAGRAM - LEVEL 1 (PROCESS BREAKDOWN)

NOTE: This is a simplified DFD Level 1. Open the text file /tmp/updated\_chapter\_3\_part3.txt for complete details of all 7 processes and 16 data stores.



DFD LEVEL 2 - PROCESS 3: REAL-TIME PROCTORING (Detailed Breakdown)

NOTE: This shows 10 sub-processes within the Real-Time Proctoring process.  
See /tmp/updated\_chapter\_3\_part3.txt for complete technical details.



KEY: 3.3-3.5 = Parallel AI Detection | 3.7 = Aggregation | 3.8 = Socket.IO Alert | 3.10 = Auto-Ban (≥5 violations)