Ibrahim work	Raphael Demian work

. Patient Details
  - ID: Egyptian National ID format, validated.
  - Gender: 'M' or 'F'.
  - Arrival Time: 24-hour format (e.g., 14:30).
  - Type: Urgent or Normal.
	Serving: Serve up to N patients per minute (5 ≤ N ≤ 10), prioritizing Urgent patients. Track average waiting times

Queueing System
  - Urgent Queue: Prioritized over Normal Queue.
  - Normal Queue: Served only when the Urgent Queue is empty.
  - Serve Time Limit: 10 minutes per patient.
	Dispatching: Move patients to queues based on arrival time every minute.

4. Bonus (1%): Exception Handling: Handle vector out of boundary checks with clear error messages UML: Activity Diagram for the whole system operation	

5. Collaborative Requirements
 	
  - Pair Programming: Submit a workload table showing task distribution.
 	
  - GitHub: Use Git for version control with commits from both members.
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We both help in doing the whole code, but this table for splitting the video recording explains.