DYNAMIC PATIENT QUEUE MANAGEMENT USING DOUBLY LINKED LIST

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PROBLEM STATEMENT

Traditional patient queues in hospitals are requrred at an extremely need presu time innérhed or precornone opening cruinolass delays for parertionc and tdaon-cntical casenés.

PROPOSED SOLUTION

Implement a dynamic patient queue using loubly linked list using a dovaca managelecring patients reove moryr

HEAD → [--] → [101] ⟷ [-----------] → [101] → — NULL

insertAtEnd(101)

[--] → [200] → [-----------] → [150] →

insertAtBeginning(200) // critical patient

[--] → [150] → [-----------] → [300] →

insertAtEnd(300)