EMERGENCY ROOM QUEUE MANAGEMENT Using Doubly Linked List		
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**1. PROBLEM STATEME A hospital ER needs a fletont - Critical: Add to front - Walk-in: Add to end - Nurse priority: Insert a - Treat: Remove from from Handles dynamic change	exible queue for patien It exact position k (1-ba ont	sed)
**2. PROPOSED SOLUTI - Node: patientID, prev* - Operations: insertAtBe - Edge Cases: Empty list (See C++ Code on GitHu **3. GRAPHICAL REPRES	, next* eginning(), insertAtEnde , single node, pos=1, po lb)	
Date:	pays Date:	
Insert of End (101): - Initially	insert At End (300):	
nead = nullptr; tail = null ptr;	100 100 Sample tail	
head	F Head Dation TD = 150:	
Insert At End (102):	→ Tail Patient ID = 150: → Tail Patient ID = 300: → Forward: 1(0 → 101 → 101 → 30	
head	3 Buckward 3007101716	
No tol - lov nue - tail.		
Insect At beginning (200):		
mee 200 - 1 (0) - 7, lambe = tall.		
Insert At Position (150,2):		
Insert after 200 y before 101.		
ner 200 - 7, 150 - 7, 100 - 7, 10 mer fail.		
delete from Beginning: Drawove 200 Thead Snift to 150		
May July 10 150		
The state of the s		
-GitHub Repo:		
-ditiliab Nepo.		
- Complete C++ Code		

- Poster PDF

Thank You!