CS4323-Spring2022 GroupD

Members:

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Project Purpose:

1. Learn Mutex/Semaphore Synchonization and Scheduling
2. Build ThreadPooling Methods
3. Collorate within Team
4. Understand Deadlock/Starvation Problems for (Consumer/Producer)

Thread Pools

- ☑ PatientQueue
- ☑ MedicalProfessionalsQueue

Functions Patient

- ☑ enterWaitingRoom()
- ☑ sitOnSofa()
- ☑ getMedicalCheckup()
- ☑ makePayment()
- ☑ leaveClinic()

Functions Doctor

- ☑ waitForPatients()
- ☑ performMedicalCheckup()
- ☑ acceptPayment()