CLASS DIAGRAM FOR USE CASE: ADMIT PATIENT

E_Patient

+ updatePatientHistory(patientID: String, roomNo: int): void
- E_Patient()
+getInstance(): E_Patient

I_AdmitPatient

+ listOfVacantRooms: list<int>
+ approval: boolean

+ requestVacantRoom(): void>
+ assignRoom(patientID: String, roomNo: int): void
+ updatePatientHistory(patientID: String, roomNo: int): void
+ display(String): void

C_AdmitPatient

+ listOfVacantRooms: list<int>
+ approval: boolean
- admitter: C_AdmitPatient

+ requestVacantRoom(): list<int>
+ assignRoom(patientID: String, roomNo: int): boolean
+ updatePatientHistory(patientID: String, roomNo: int): void
- C_AdmitPatient()
+ getInstance(): C_AdmitPatient

E_Rooms

+ requestVacantRoom(): list<int>
+ assignRoom(patientID: String, roomNo: int): boolean
- E_Rooms()
+ getInstance(): E_Rooms