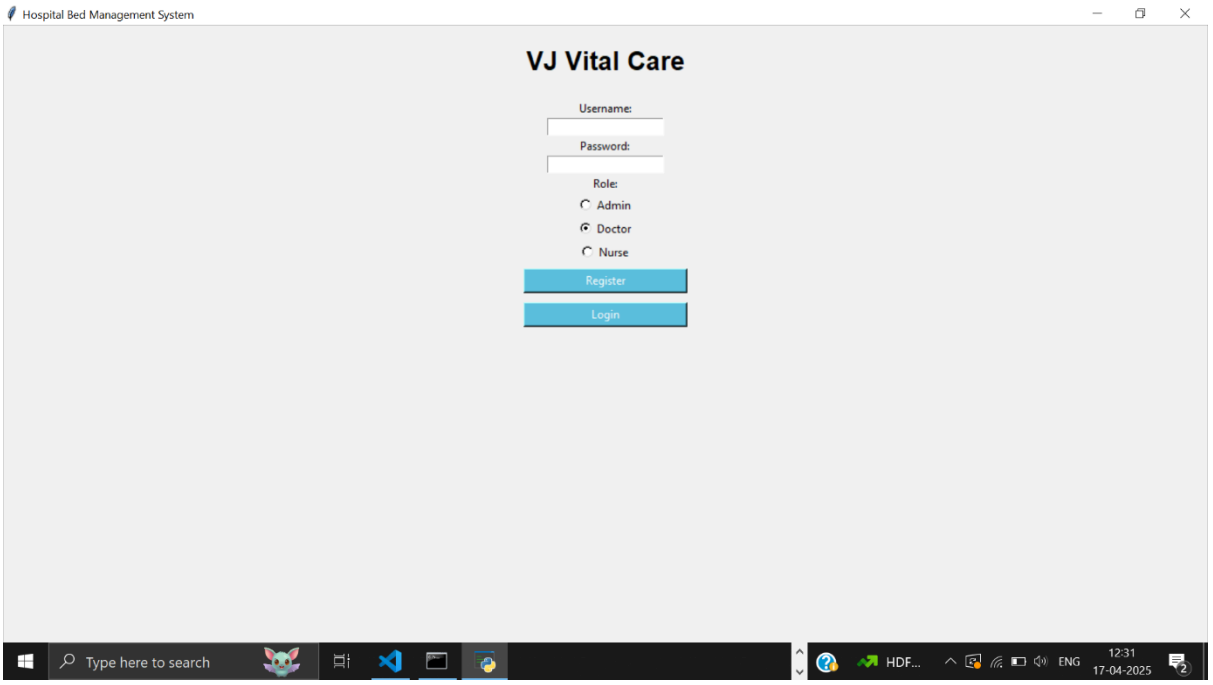
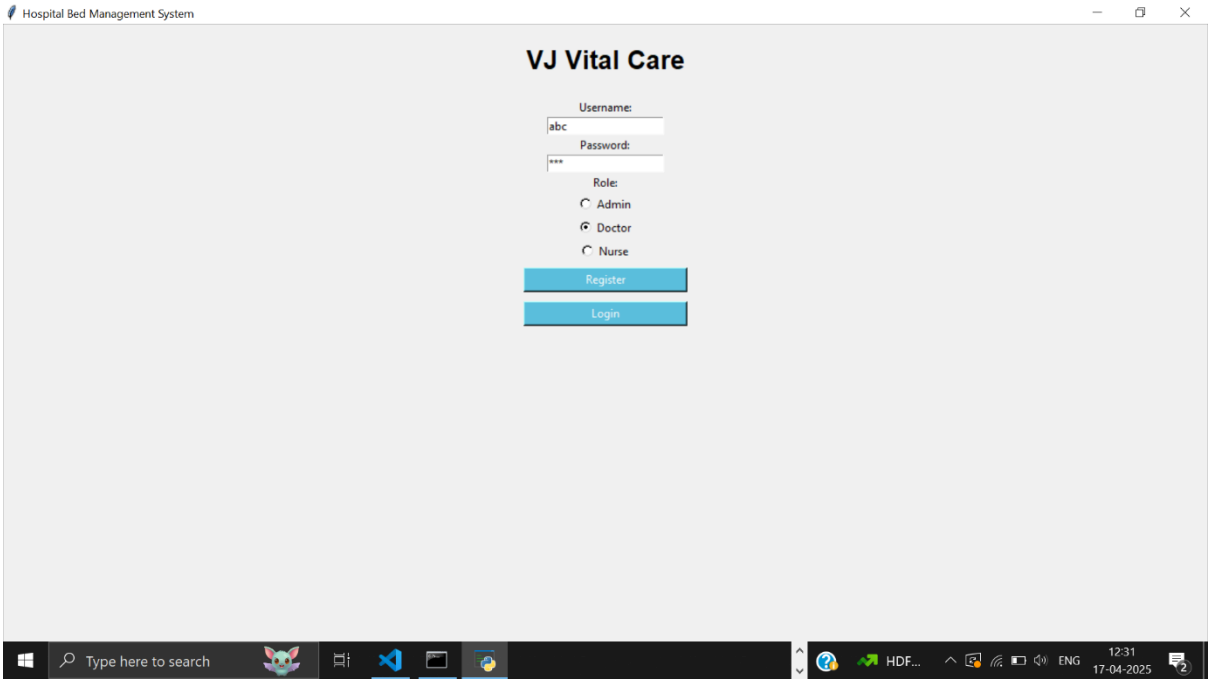
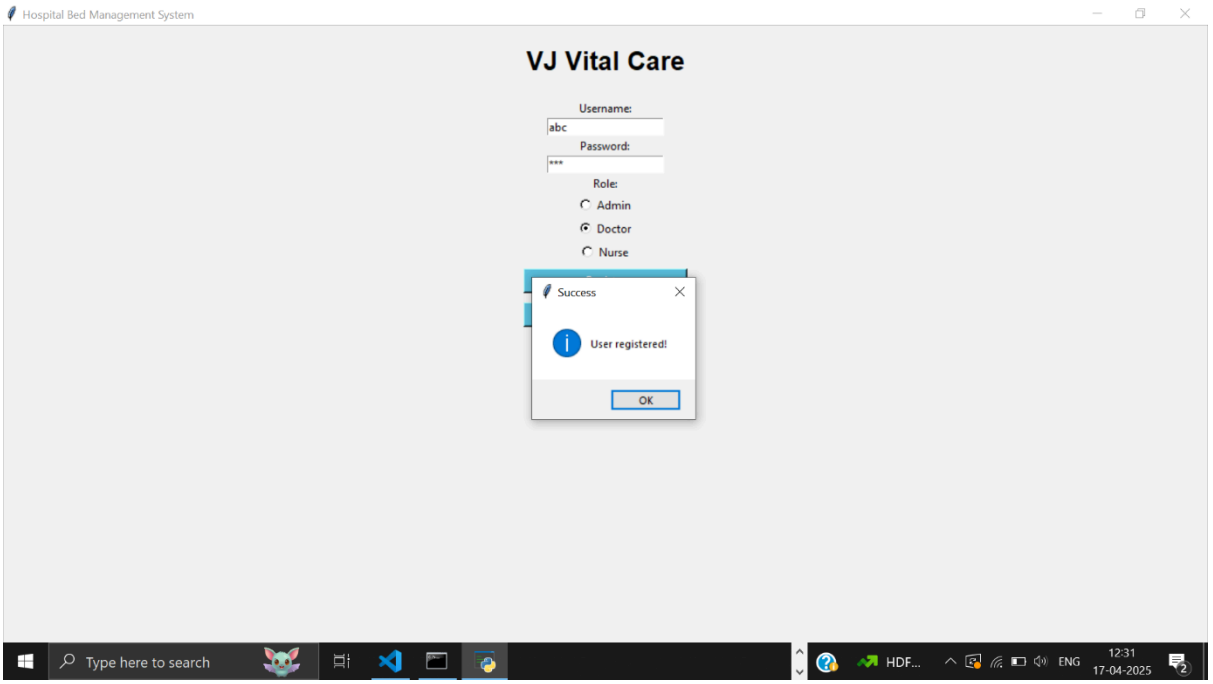
HOSPITAL RESOURCE ALLOCATION AND MANAGEMENT

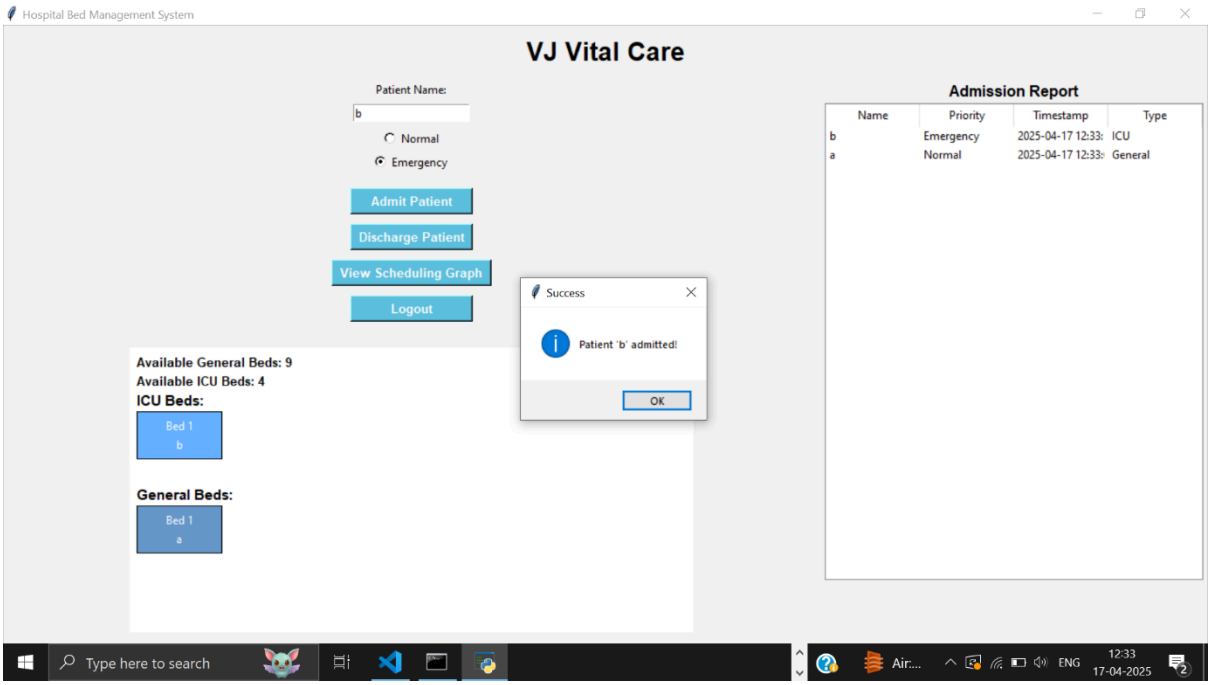
OS MINI PROJECT

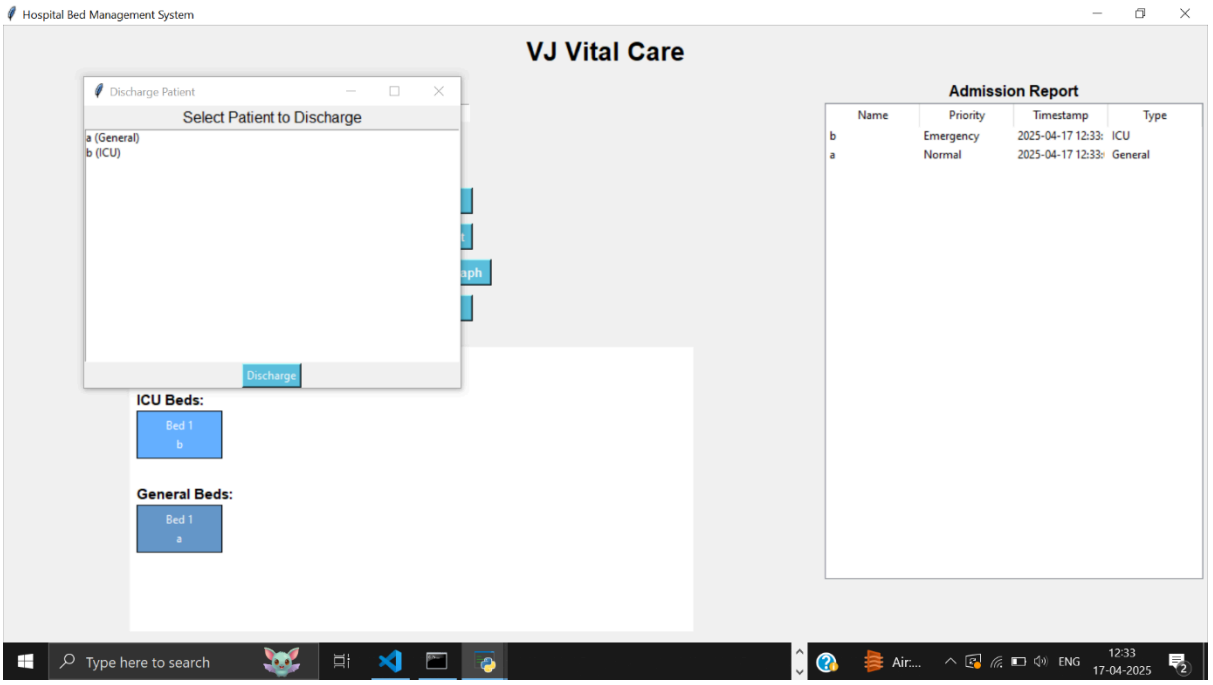
SCREENSHOTS:

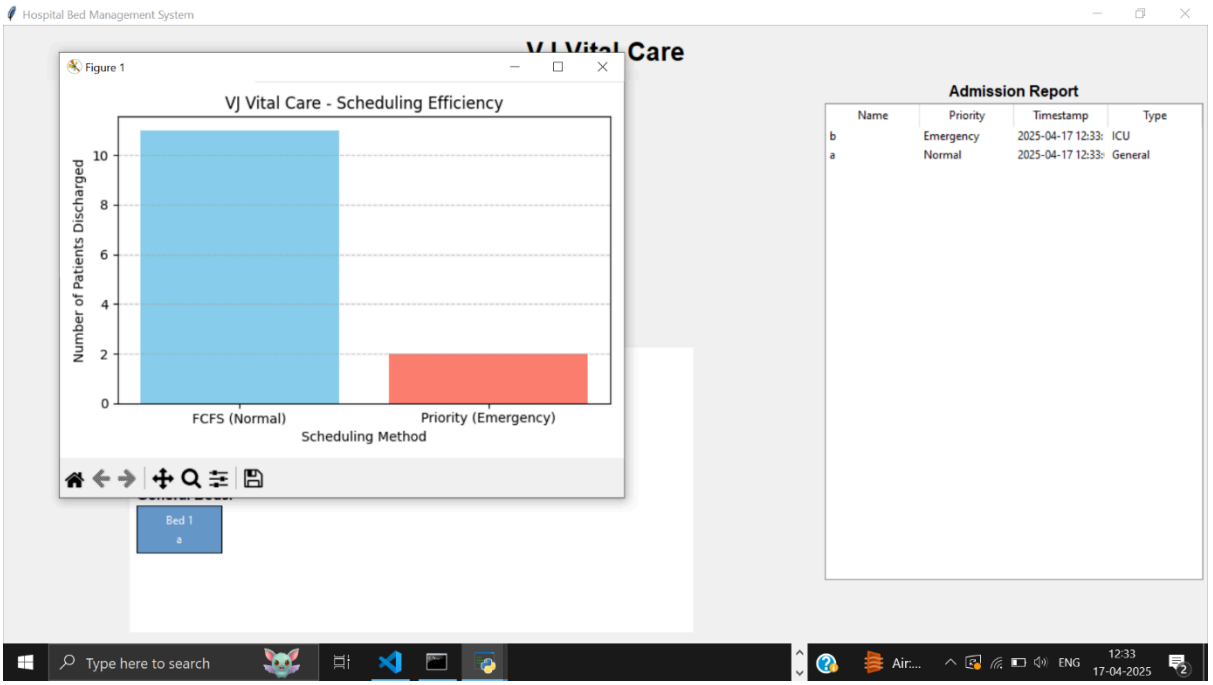





Hospital Bed Management System
VJ Vital Care
Username:
abc
Password:
***
Role:
Admin
Doctor
Nurse
Success
User registered!
OK
Type here to search
HDF...
ENG
12:31
17-04-2025


Hospital Bed Management System
VJ Vital Care
Patient Name:
b
Normal
Emergency
Admit Patient
Discharge Patient
View Scheduling Graph
Logout
Success
Patient 'b' admitted!
OK
Available General Beds: 9
Available ICU Beds: 4
ICU Beds:
Bed 1
b
General Beds:
Bed 1
a
Admission Report
Name
Priority
Timestamp
Type
b
Emergency
2025-04-17 12:33:
ICU
a
Normal
2025-04-17 12:33:
General
Type here to search
Air:...
ENG
12:33
17-04-2025


Hospital Bed Management System
VJ Vital Care
Discharge Patient
Select Patient to Discharge
a (General)
b (ICU)
Discharge
ICU Beds:
Bed 1
b
General Beds:
Bed 1
a
Admission Report
Name
Priority
Timestamp
Type
b
Emergency
2025-04-17 12:33:
ICU
a
Normal
2025-04-17 12:33:
General
Type here to search
ENG
12:33
17-04-2025


Hospital Bed Management System
Figure 1
VJ Vital Care - Scheduling Efficiency
Number of Patients Discharged
0
2
4
6
8
10
FCFS (Normal)
Priority (Emergency)
Scheduling Method
Admission Report
Name
Priority
Timestamp
Type
b
Emergency
2025-04-17 12:33:
ICU
a
Normal
2025-04-17 12:33:
General
Bed 1
a
Type here to search
ENG
12:33
17-04-2025