

Software Requirements Specification

For

*Autonomous Intensive Caring Unit
(I.C.U) System*

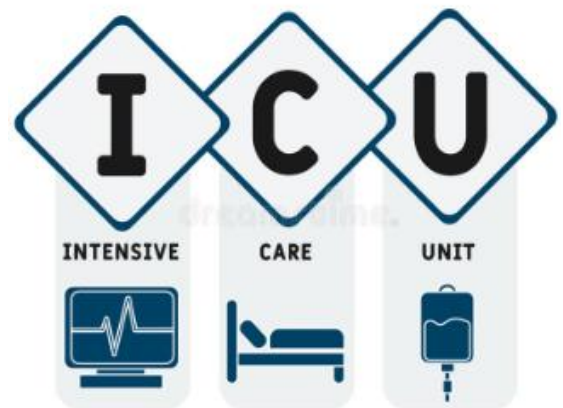


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➤ System Features :

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| Use Case Number: | 1 |
| Use Case Name: | login |
| Actors: | Patient ,admin(system) |
| Description: | Patients will be asked to enter their valid username and password to be authenticated into the system, then when it authenticated the system would return all available hospitals ,then patient can views all hospitals and chooses the closest location to him. |
| Pre-Condition: | Patients data is stored in the database. |
| Functional Requirements: | <ul style="list-style-type: none"> • The login page should be the first page that users(Patients) when they open the website. • It should provide two text fields - one for entering the User_Name and one for entering the password. • if the User_name or the Password is not valid there should be a message would be sent to the user to try to login again . |
| Main Success Senario: | |
| Patient: | System: |
| 1- Patient click on the login button. 2- Login with his user_name and password. | 3-system check if it is valid data. |

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| 6-patient can see system interface and all the available hospital. | 5-if yes so it is a successful login so enable the patient to see system interface. |
| Non functional requirements: | The Patient should Register when he want to login for the first time in the system. |

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| Use Case Number: | 2 |
| Use Case Name: | Register |
| Actors: | Patient ,admin(system) |
| Description: | Patients will be asked to enter their username and password to be stored in the database , then when it saved by the system admin in the database, the system would return a confirm of this registration. |
| Pre-Condition: | the patient has the authority to register his data. |
| Functional Requirements: | <ul style="list-style-type: none"> • the patient should register all of his data correctly. • The admin should record all registrations data by the patients. |
| Main Success Senario: | In the event that the patient does not have information stored in the hospital database, he records his data for the first time so that he enters (usern_ame, password) and then sends his data and it is saved in the database. |

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| Non functional requirements: | The Patient should enter valid user_name and password when he want to register in the system. |
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| Use Case Number: | 3 |
| Use Case Name: | Booking |
| Actors: | Patient ,admin(system) |
| Description: | <p>Patients will submit his query about the intensive i.c.u ,Then the system receive patient query and show all hospitals according to this query and, then containing the hospital in the patient area and access the i.c.u information if it is suitable and not occupied, then the system will show it to the patient , then the patient would choose the hospital and submit it to the system, then the system would receive it and make a reservation for the patient, then send a message to the patient contain i.c.u number, then patient will receive the message.</p> |
| Pre-Condition: | the patient has the authority to choose the hospital that is suitable to him if it is available . |
| Functional Requirements: | <ul style="list-style-type: none"> • the patient should enter a correct query about the intensive i.c.u. • The admin should show all hospitals according query. • The patient should choose the intensive hospital that he want. • The admin should send a message to the patient with the i.c.u number if it is available. • The patient should receive the message. |

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| Main Success Senario: | |
| Patient: | Admin(System): |
| <p>1- Patients will submit his query about the intensive i.c.u.</p> <p>5- then the patient would choose the hospital and submit it to the system.</p> <p>8- patient will receive the message.</p> | <p>2- Then the system receive patient query and show all hospitals according to this query and.</p> <p>3- then containing the hospital in the patient area and access the i.c.u information if it is suitable and not occupied.</p> <p>4- then the system will show it to the patient.</p> <p>6-the system would receive it and make a reservation for the patient.</p> <p>7- send a message to the patient contain i.c.u number.</p> |
| Non functional requirements: | The Patient should enter valid Hospital_name ,valid I.C.U_name and a correct query when he want to search. |