Patient admission registration

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| Primary Actor | Front desk |
| Skateholders and Interests: | * Doctor: wants patients registered as required; * Patient: wants to register to admit the hospital; * Front desk: wants to add the patient and his/her treatment to the system without errors; * Hospital: wants to accurately record the patient’s and the treatment’s information. Wants to ensure the payment. |
| Success Guarantee | The front desk receives the confirmation message |
| Main Success Scenario | 1. System asks user to select the identity type 2. User selects “patient”. 3. System asks for patient’s name and date of birth. 4. The user enters name and date of birth. 5. System searches this information in the patients’ information database. 6. System returns the result and asks user to select the action to take. 7. User selects “register for admission”. 8. System displays the admission registration form. 9. User enters patient ID, department, admission time, room number, bed number, ward number to the system. 10. System searches this information in treatment database and returns the result 11. System adds the new treatment to the treatment database. 12. System display the confirmation message. |
| Extensions | 6a. In step 6 of the main scenario, system find the patient information does not exist in the database   1. System returns the message that cannot find the patient information in database, and displays the form of patient information 2. User enters the patient’s name, gender, date of birth, address, contact number and insurance information to the system. 3. System creates a new patient information and saves in the database.   11a. In step 11, if the result shows that this treatment already exists in the database,   1. System returns the message that the treatment exists. |
| Special Requirements |  |

Primary Actor: front desk

Skateholders and Interests:

Doctor: wants patients registered as required;

Patient: wants to register to admit the hospital;

Front desk: wants to add the patient and his/her treatment to the system without errors;

Hospital: wants to accurately record the patient’s and the treatment’s information. Wants to ensure the payment.

Success Guarantee: The front desk receives the confirmation message from the system.

Main Success Scenario:

1. System asks user to select the identity type
2. User selects “patient”.
3. System asks for patient’s name and date of birth.
4. The user enters name and date of birth.
5. System searches this information in the patients’ information database.
6. System returns the result and asks user to select the action to take.
7. User selects “register for admission”.
8. System displays the admission registration form.
9. User enters patient ID, department, admission time, room number, bed number, ward number to the system.
10. System searches this information in treatment database and returns the result
11. System adds the new treatment to the treatment database.

Extensions

6a. In step 6 of the main scenario, system find the patient information does not exist in the database

1. System returns the message that cannot find the patient information in database, and displays the form of patient information
2. User enters the patient’s name, gender, date of birth, address, contact number and insurance information to the system.
3. System creates a new patient information and saves in the database.

11a. In step 11, if the result shows that this treatment already exists in the database,

1. System returns the message that the treatment exists.