

```
result = 1  
if( result  
    value = 1  
    result = 1  
    if( result !=  
        value =  
    }else{  
        value =  
    }  
}  
return value;
```

Use Case Analysis

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Overview

- ❖ Key Ideas
- ❖ Use Cases
- ❖ Building Use Cases
- ❖ Conclusion

Key Ideas

Key Ideas

- ❖ Use cases add detail to the requirements outlined in the requirement definition
- ❖ Systems analysts work with users to develop use cases
- ❖ Systems analysts develop process and data models later based on the use cases

Use Cases

Define: Use Cases

- ❖ Formal Definition
 - ❖ Use cases are a method of describing and documenting complex processes using text
- ❖ Informal Definition
 - ❖ Use cases describe "who" can do "what" with the system in question

Elements of Use Cases

Basic Information

- ❖ Name for the use case

- ❖

Elements of Use Cases

Major Inputs and Outputs

❖ df

Elements of Use Cases

Major Inputs and Outputs

❖ df

Use case name: Patient makes, changes, or cancels appointment

ID: 2

Importance level: High

Primary actor: Patient

Short description: This use case describes how we make a new appointment as well as change or cancel an existing appointment

Trigger: Patient calls and asks for a new appointment or asks to change or cancel an existing appointment

Type: External Temporal

Major Inputs

Description

Patient name & address

Patient information

Unpaid patient bills

Appointment type

Existing appointment

Existing appointment

Source

Patient

Patient records

Patient records

Patient

Patient

Appointment calendar

Major Outputs

Description

Patient status

Canceled appointment

Potential appointments

New appointment

Appointment confirmation

Destination

Receptionist

Appointment calendar

Patient

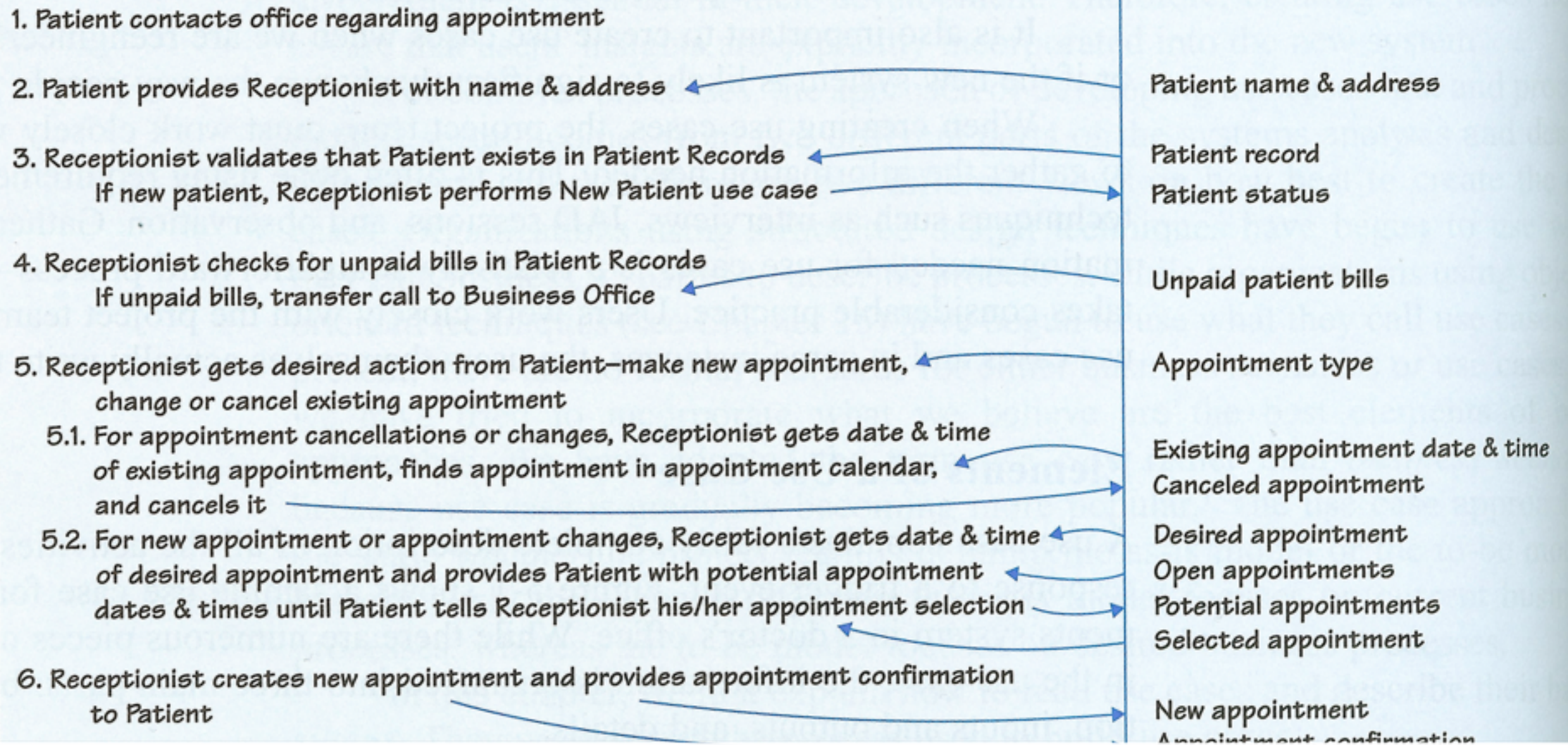
Appointment calendar

Patient

Use Case Example

Major Steps Performed:

Information for Steps



Use Case Example (cont.)