

### Scenarios for View Report

- User chooses to view report from the home console.  
System asks for User to enter their PIN.  
User enters their PIN.  
System prints the report to the console screen for the User to see.  
User chooses to close the report after reading it.  
System closes the report.  
System saves the report in a separate folder which holds the reports viewed by the User.  
System starts a new report, so that the User only sees what happened since the last time the User viewed the report.
- User chooses to view the report from the console.  
System asks the User to enter their PIN.  
User enters the wrong PIN.  
System keeps asking the User to enter their PIN until the correct PIN has been entered, or the User selects cancel.  
User selects cancel.  
System closes the PIN entering menu then displays the home screen.

## Essential use case: View Report

### Typical Course of Events

#### Actor Intentions

- 1) User chooses to view report.
- 3) User enters correct PIN.
- 5) User reads report.
- 6) User finishes reading and chooses to close the report.

#### System Responsibilities

- 2) System asks User for PIN.
- 4) System displays report to console screen.
- 7) System stops displaying the report.
- 8) System saves the report to "viewed reports" file.
- 9) System starts a new report.

### Alternative Courses

- 3) User enters incorrect PIN. System will then keep asking until the correct PIN has been entered, or the User chooses to cancel. Once the correct PIN is entered, the use case continues as normal.

## Concrete use cases: View Report

### Actor Intentions

- 1) User chooses to view the report from the home console.
- 3) User enters incorrect PIN.
- 5) User chooses to cancel.

### System Responsibilities

- 2) System asks the user to enter their PIN.
- 4) System asks the user to enter their PIN.
- 6) System closes the View Report menu then displays the home screen.

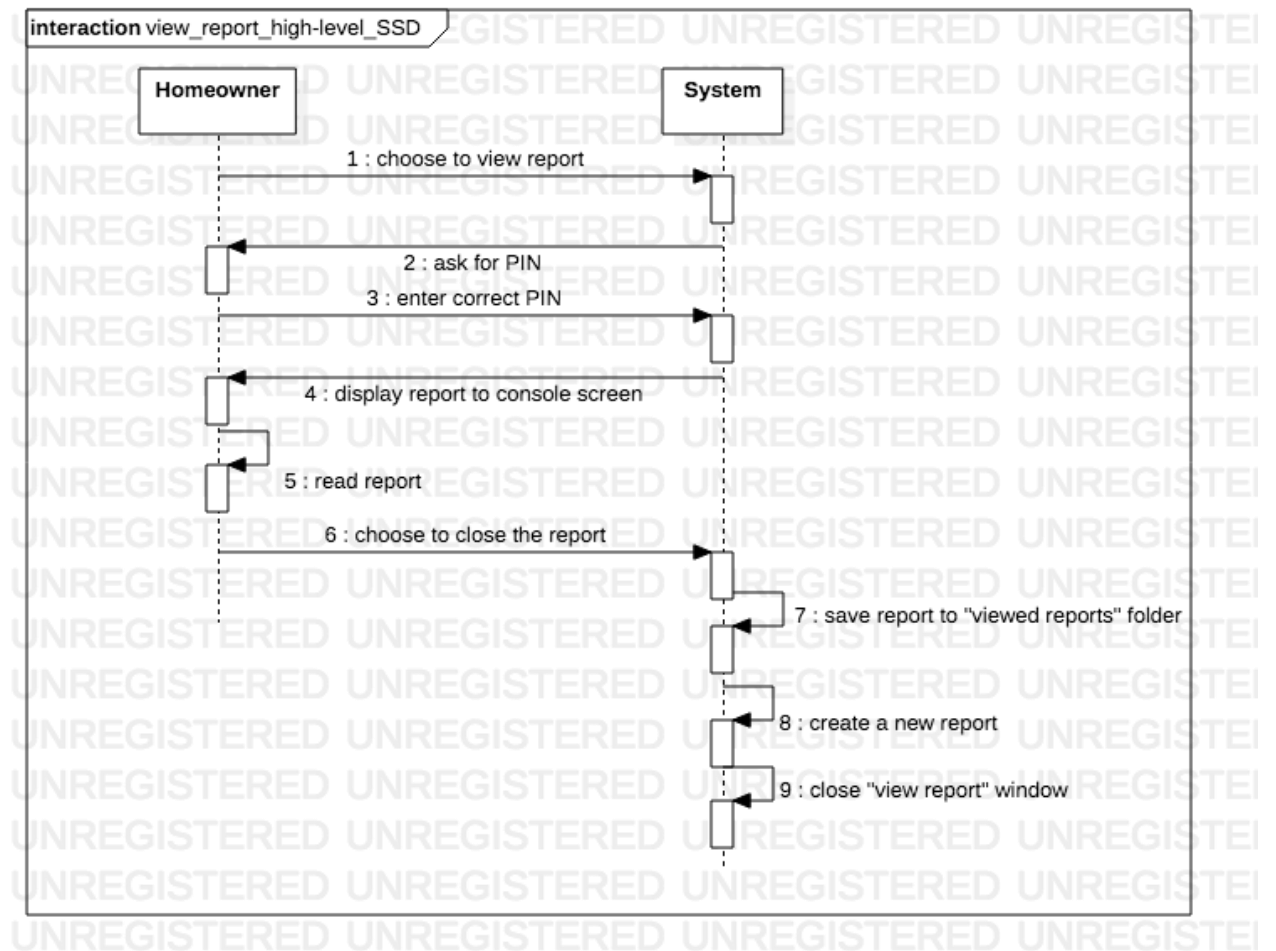
### Actor Intentions

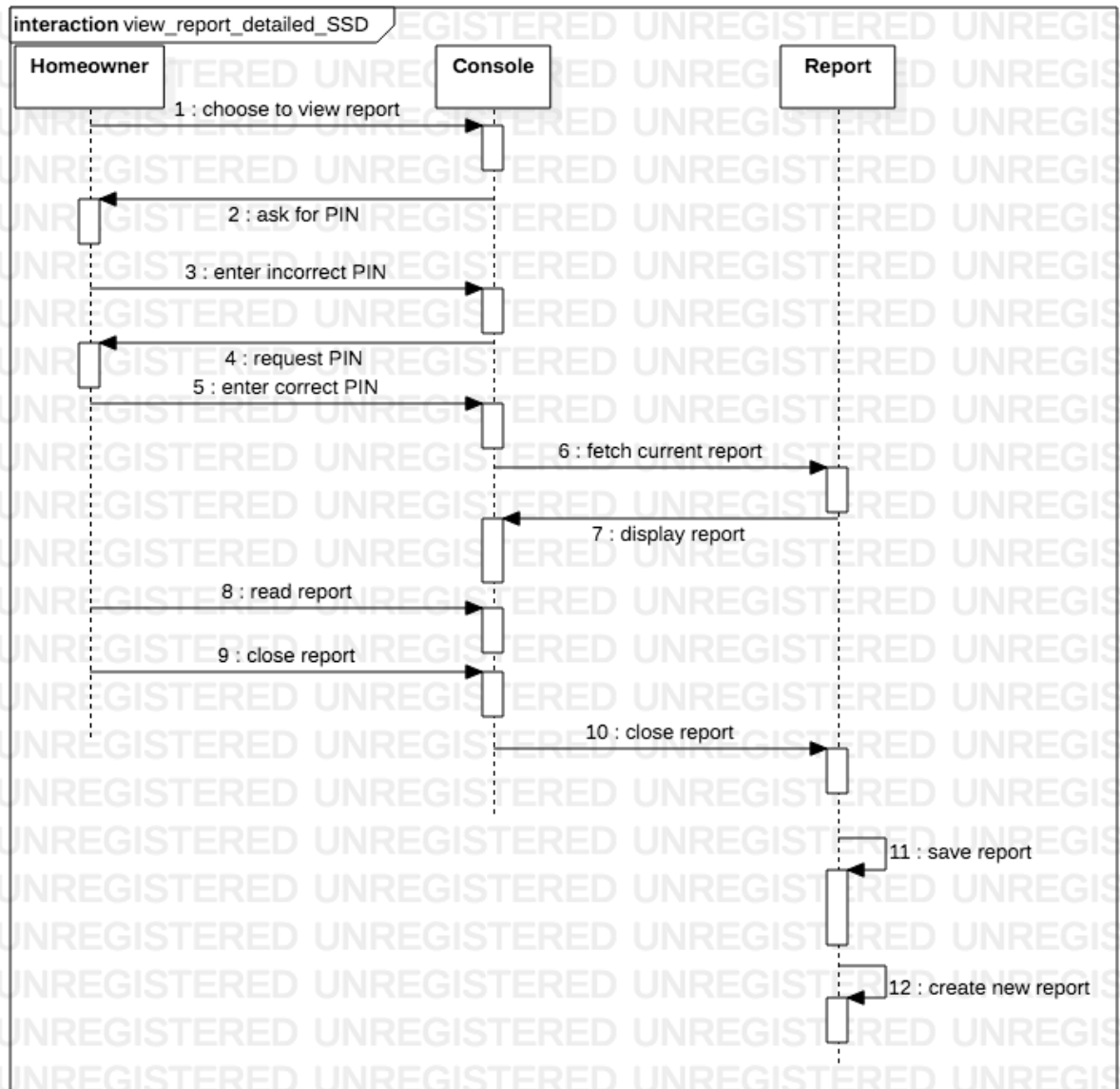
- 1) User choses to view the report from the home console.
- 3) User enters the incorrect PIN.
- 5) User enters the correct PIN.
- 7) User reads the report.
- 8) User finishes reading the report, so they choose to close the report.

### System Responsibilities

- 2) System asks the user to enter their PIN.
- 4) System asks the user to enter their PIN.
- 6) System displays the report
- 9) System stops displaying the report.
- 10) System saves the report to "viewed reports" file.
- 11) System starts a new report.

## System Sequence Diagrams:





interaction view\_report\_detailed\_SSD\_2

Homeowner

Console

Report

1 : choose to view report

2 : request PIN

3 : enter incorrect PIN

4 : request PIN

5 : choose to cancel viewing report

6 : display home screen

