Snow White

Use-Case Specification:

Standby Mode

Version 1.0

Snow White

Revision History

Date	Version	Description	Author
30.11.16	1.0	First version of this document	Cem Philipp Freimoser

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Automatic updates

Brief Description

We truly believe in the protection of our environment. Due to this fact we want to save energy. So as soon as out system notice that now user interaction is happening the screen should turn off. We decided to name this as a standby mode.

Flow of Events

Basic Flow

The System always checks if its able to turn the screen of. This will be done by a timeout. As soon as noise has been recognized the timer will be reset.

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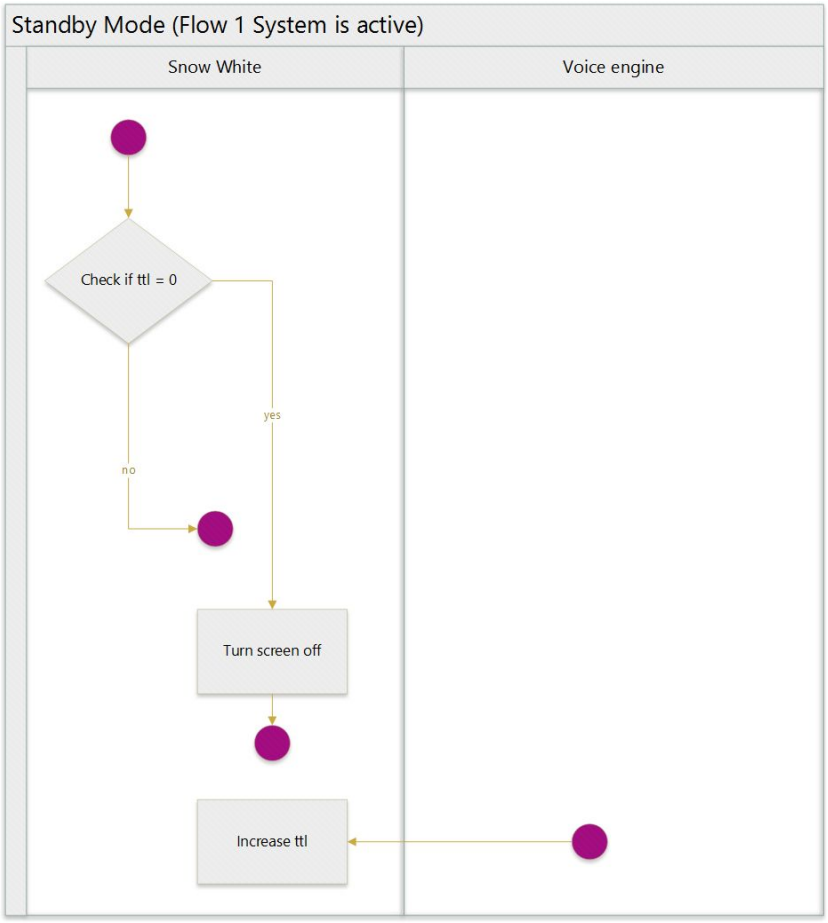
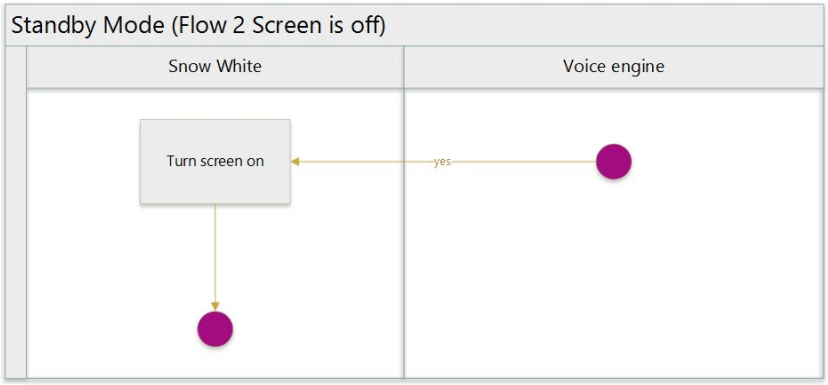

Standby Mode (Flow 1 System is active)
Snow White
Voice engine
Check if ttl = 0
yes
no
Turn screen off
Increase ttl


Standby Mode (Flow 2 Screen is off)
Snow White
Voice engine
Turn screen on
yes

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Alternative Flow

One alternative flow (see basic flow second flow)

Special Requirements

- Snow white has to be executed on a linux

3.1 Functionality

3.2 Usability

3.3 Reliability

3.4 Performance

3.5 Supportability

3.6 Design constraints

3.7 On-line User Documentation and Help System Requirements

3.8 Purchased Components

3.9 Interfaces

No interface is needed.

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3.10 Licensing Requirements

3.11 Legal, Copyright, and Other Notices

3.12 Applicable Standards

Preconditions

The System is in Standby Mode

The screen is off

The System is active

Snow white is operating

Postconditions

The System is active

The System is still online

Screen off

The screen has turned off

Extension Points