

Use case scenario

Name	Battery-Alarm
Number	1
Brief description	Patient triggers Batterie-Alarm by tapping the Display-Button D1
Participants	Patient. Alarm, PIP, Display
Trigger/Pre-condition	Alarm is triggered
Event/Post-condition	Alarm is set off

Use case scenario Process

Nr.	Who	What
1.0	Patient	Patient confirms pressing the Display
1.1	Display	Sends confirmation to the PIP
1.2	PIP	PIP sends command to quit alarm
1.3	Alarm	Alarm quits and sends confirmation back to PIP
1.4	PIP	Alarm quits and sends confirmation back to PIP
1.5	Display	Battery-Live will be calculated and information sent to the display
1.6	Display	Display shows remaining battery-Livetime
1.7	Patient	Confirms action
1.8	Display	PIP receives Patient's confirmation

Alternative Use case scenario

Nr.	Who	What
1.7.1	Patient	Patient doesn't confirm action
1.7.2	Display	Display failure message
1.7.3	PIP	Send Reminder after α -sec
1.7.4	Display	Displays reminders
1.7.5	Patient	Patient confirms action else back to 1.7.1