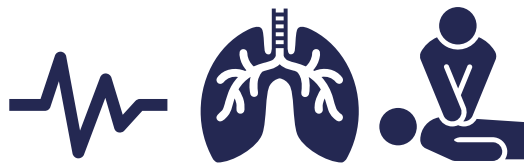


Design Review System Design

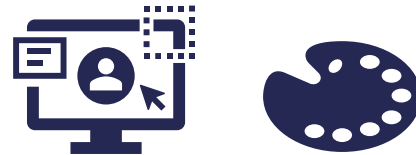
09.12.2021
M-Lab 2021/2022

Project Motivation

UKE Research Project



3-in-1



Redesign



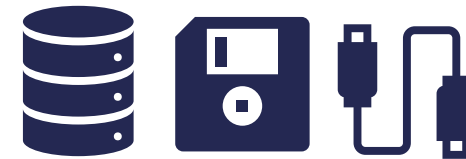
Tablet



Alarm Management



Stakeholder



Mock Data

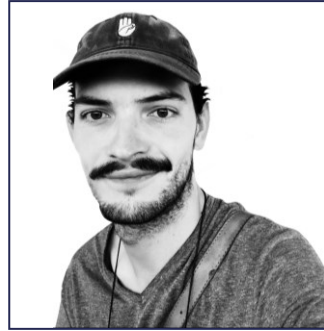


Team UKE



Arne

System Design
Backend Developer



Max

UX Design
Full Stack Developer



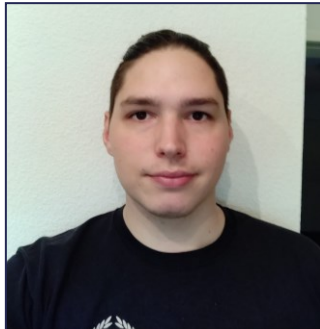
Noah

Data Engineer
Full Stack Developer



Mudi

Performance Engineer
Full Stack Developer



Corvin

Testing
Frontend Developer



Fynn

DevOps Engineer
Full Stack Developer



Anni

Project Management
Frontend Developer

SCENE #:	SHOT #:	SHOT SIZE:
Start - Scene : UKE M-Lab / UHH Year		

?

SCENE #:	SHOT #:	SHOT SIZE:
Ambulance house Siren		



SCENE #:	SHOT #:	SHOT SIZE:

SCENE #:	SHOT #:	SHOT SIZE:

SCENE #:	SHOT #:	SHOT SIZE:
UKE + M-Lab 		

SCENE #:	SHOT #:	SHOT SIZE:

SCENE #:	SHOT #:	SHOT SIZE:
<div> app + customizing NIBD history presets, height, weight </div>		

SCENE #:	SHOT #:	SHOT SIZE:
<div> SpO2 Alarm !! Confirm / mute ? </div>		

SCENE #:	SHOT #:	SHOT SIZE:
<div> Switch ventilation Settings alarm-limit </div>		

SCENE #:	SHOT #:	SHOT SIZE:
<div> red alarm → VT / VF Switch defi </div>		

SCENE #:	SHOT #:	SHOT SIZE:
<div> Shock CPR </div>		

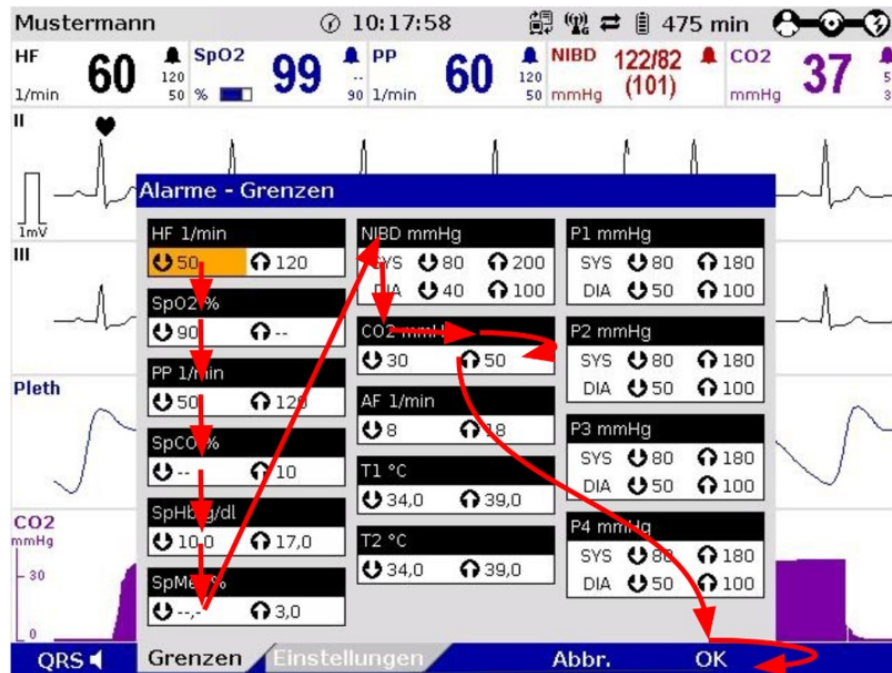
SCENE #:	SHOT #:	SHOT SIZE:
<div> Credits ... </div>		

Trailer

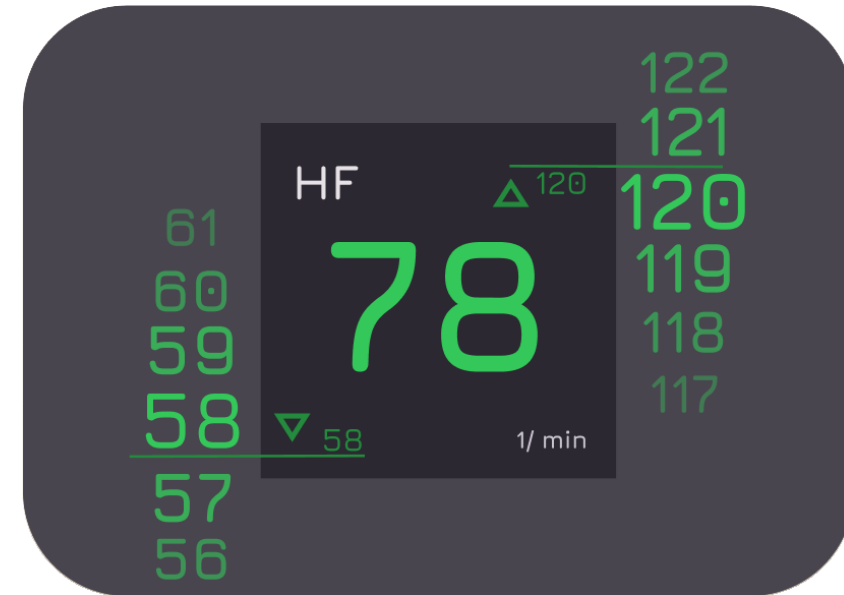


User Friendliness

Old Interface



New Interface



Consistency & Familiarity



Reliability

The interface is set against a dark background. On the left, there are three light gray rounded rectangular buttons stacked vertically. Each button contains a white icon on the left and a text label on the right. The top button shows an icon of an adult couple and the text 'Adult'. The middle button shows an icon of two children and the text 'Children'. The bottom button shows an icon of an infant and the text 'Infant'. To the right of these buttons is a form area. It starts with a 'Name' label followed by a white text input field containing the placeholder text 'Patient Name'. Below this are two rows for 'Weight' and 'Height'. Each row has a blue circular slider control followed by a white text box showing the current value: '20 kg' for weight and '20 cm' for height. At the bottom right of the form area is a green heart icon with a white lightning bolt and a plus sign inside, with the text 'AED' below it. Below the AED icon is a light gray rounded rectangular button with the text 'Skip'.

Adult

Children

Infant

Name Patient Name

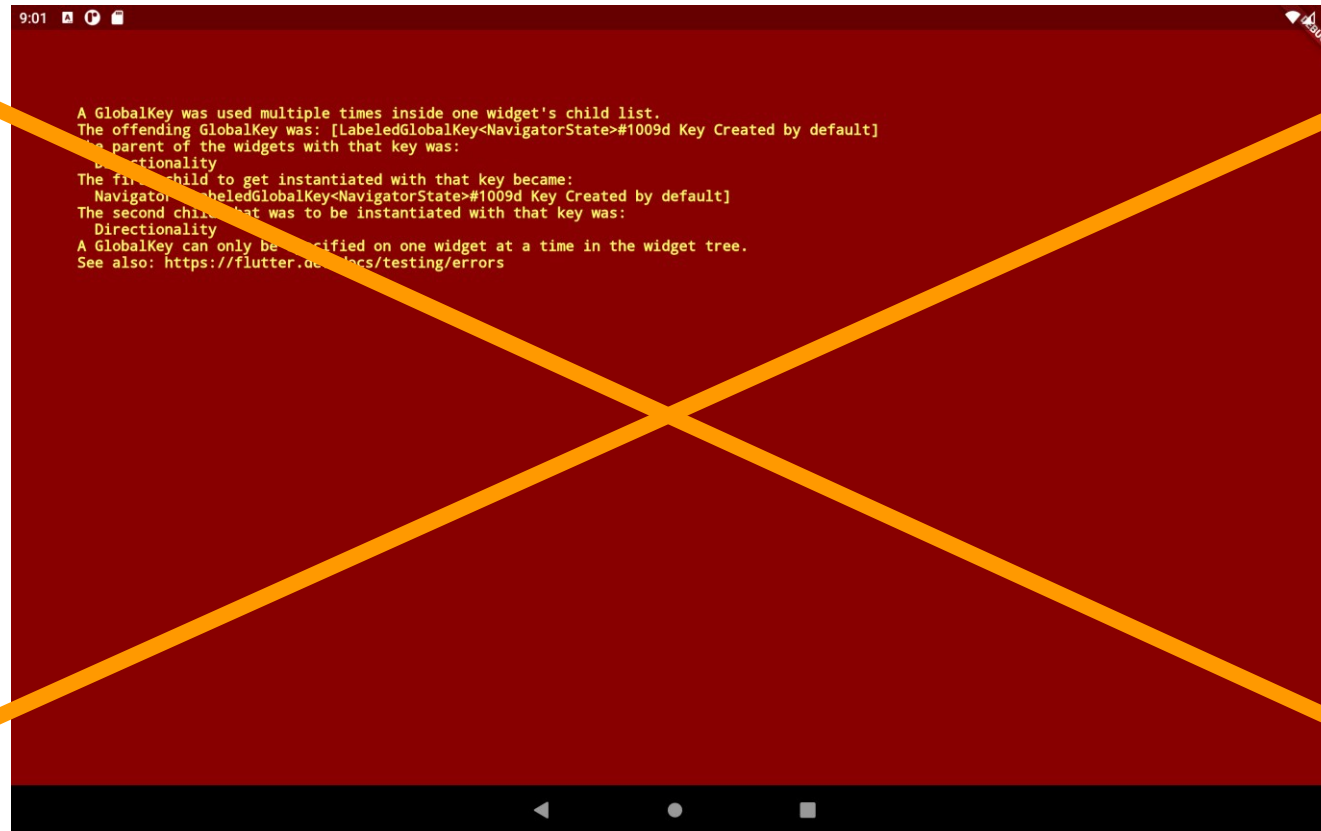
Weight 20 kg

Height 20 cm

AED

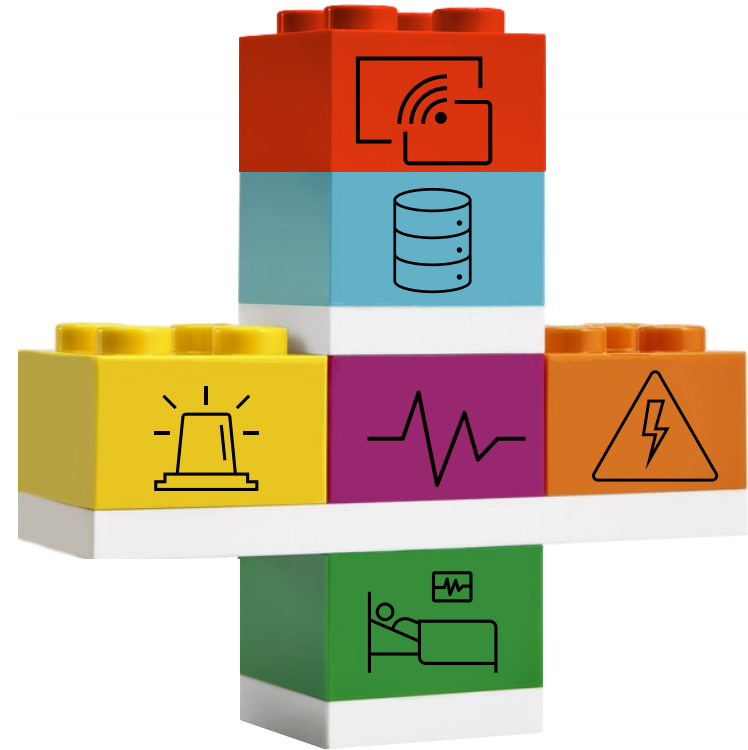
Skip

Reliability

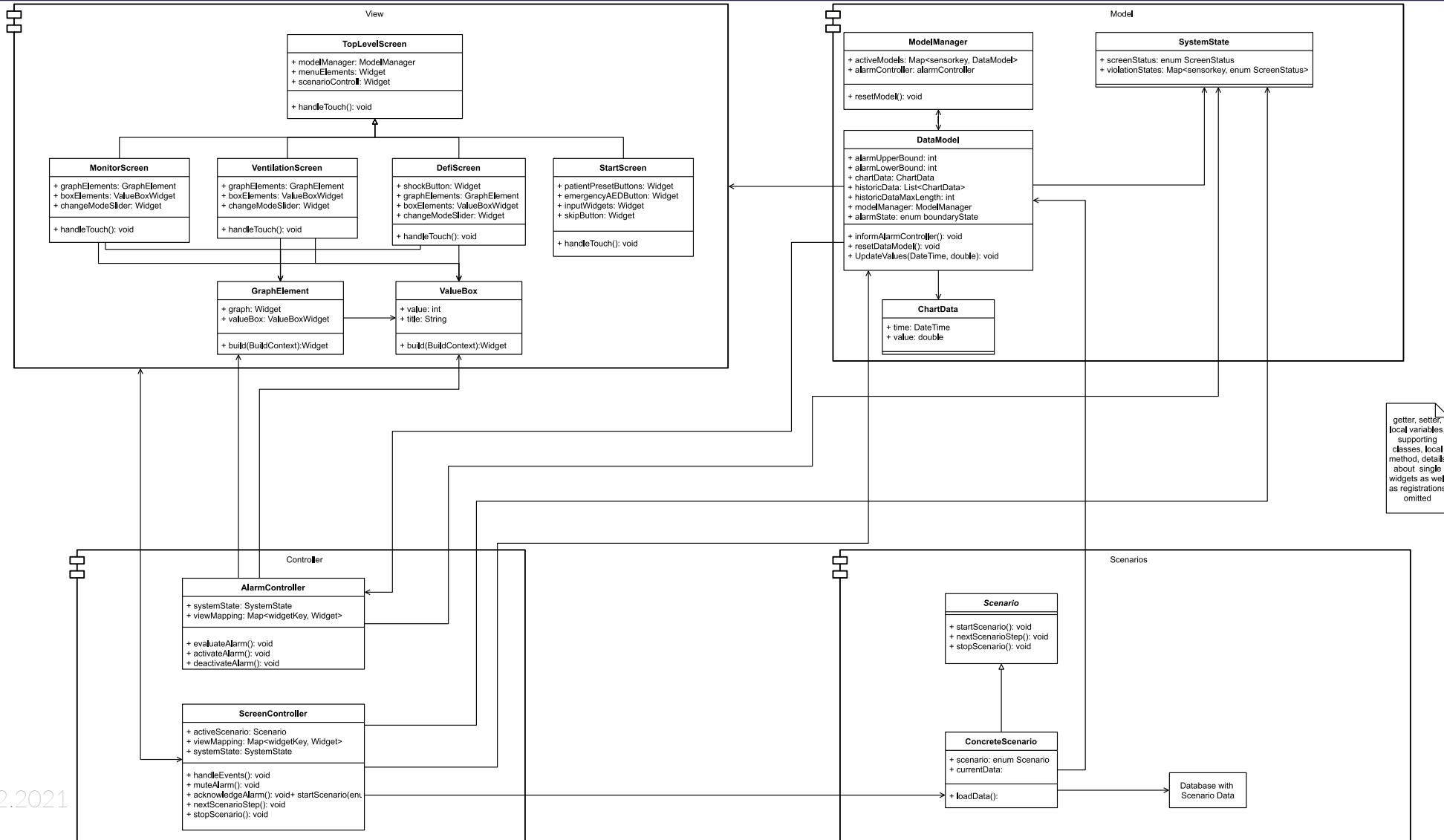


Modifiability

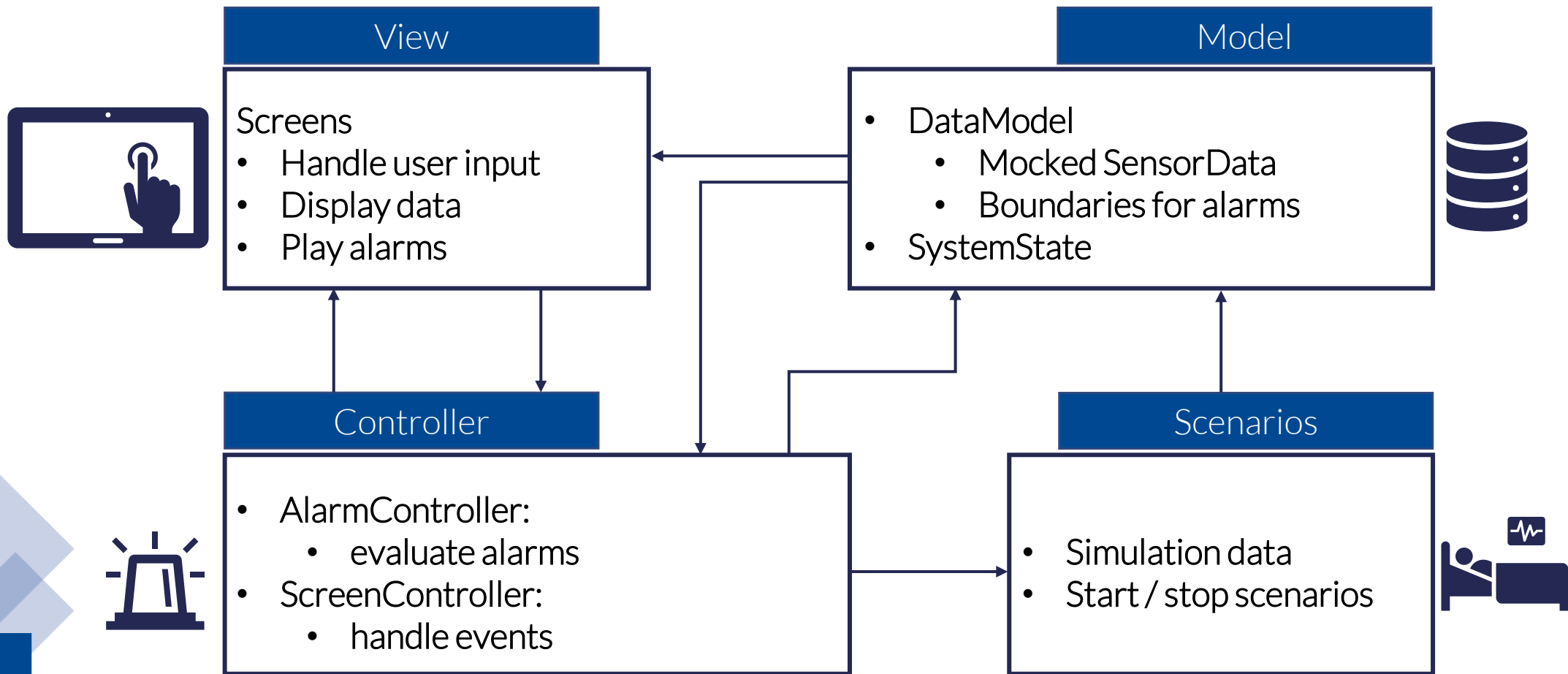
Extensibility



System Design



Purpose of the Components



Application Demo

Next Stage: M3



Finish screens and
widgets in design



Complete navigation
and functions



Develop alarm
management with
sounds

Fill scenarios with
data

Edit trailer, poster
and set up website

Deliver a final and
functioning app



