

Design Review System Design

09.12.2021
M-Lab 2021/2022

Project Motivation

UKE Research Project



Hi, we're Team UKE!



Arne

**System Design
Back-End Developer**



Max

**UX Design
Fullstack Developer**



Noah

Fullstack Developer



Mudi

Fullstack Developer



Corvin

**Testing
Front-End Developer**



Fynn

**DevOps Engineer
Fullstack Developer**



Anni

**Project Management
Front-End Developer**

Trailer: Storyboard


SCENE #:	SHOT #:	SHOT SIZE:
Start - Szene UKE M-Lab		2 .

SCENE #:	SHOT #:	SHOT SIZE:
Krankenwagen Wohnhaus Sirene		


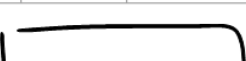
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Treppe 1 : schnell		

SCENE #:	SHOT #:	SHOT SIZE:

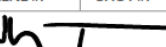
A stick figure character is shown on the left. Three lines extend from its right side towards three icons arranged in a triangular pattern on the right. The icons are: a heart, a lightning bolt, and a hand.

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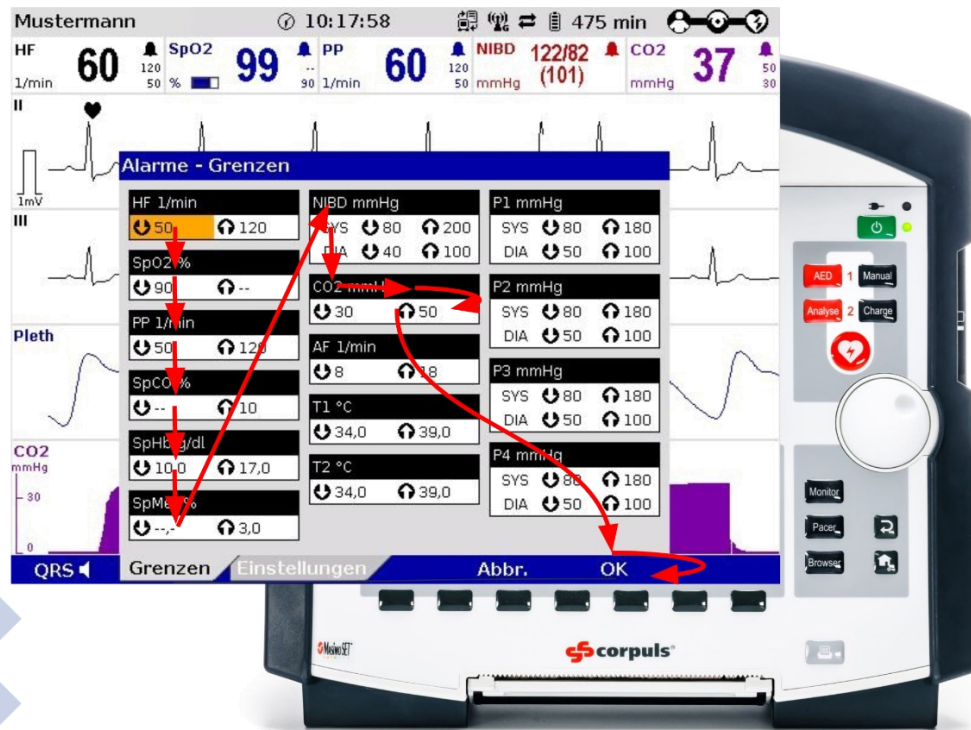
SCENE #:	SHOT #:	SHOT SIZE:
		CREDITS

Trailer: Animations

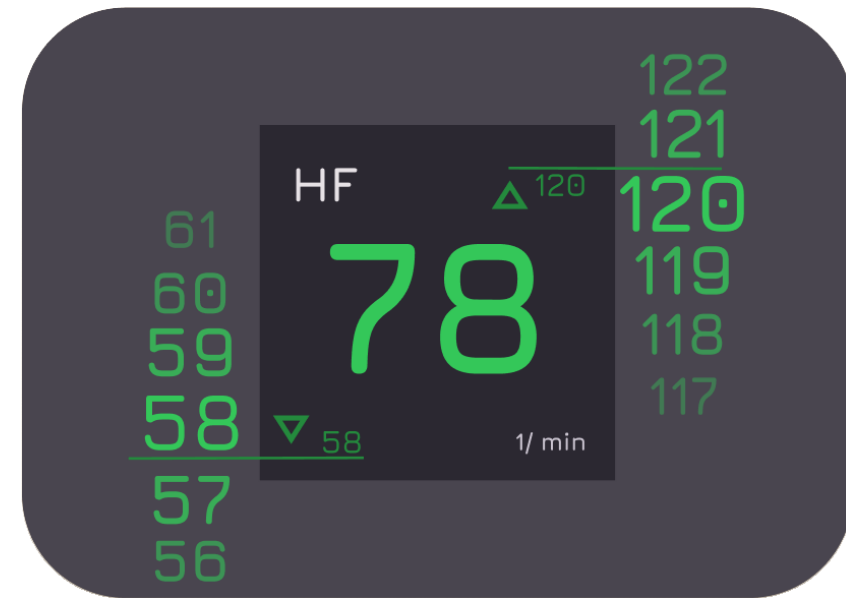


User Friendliness

Old Interface



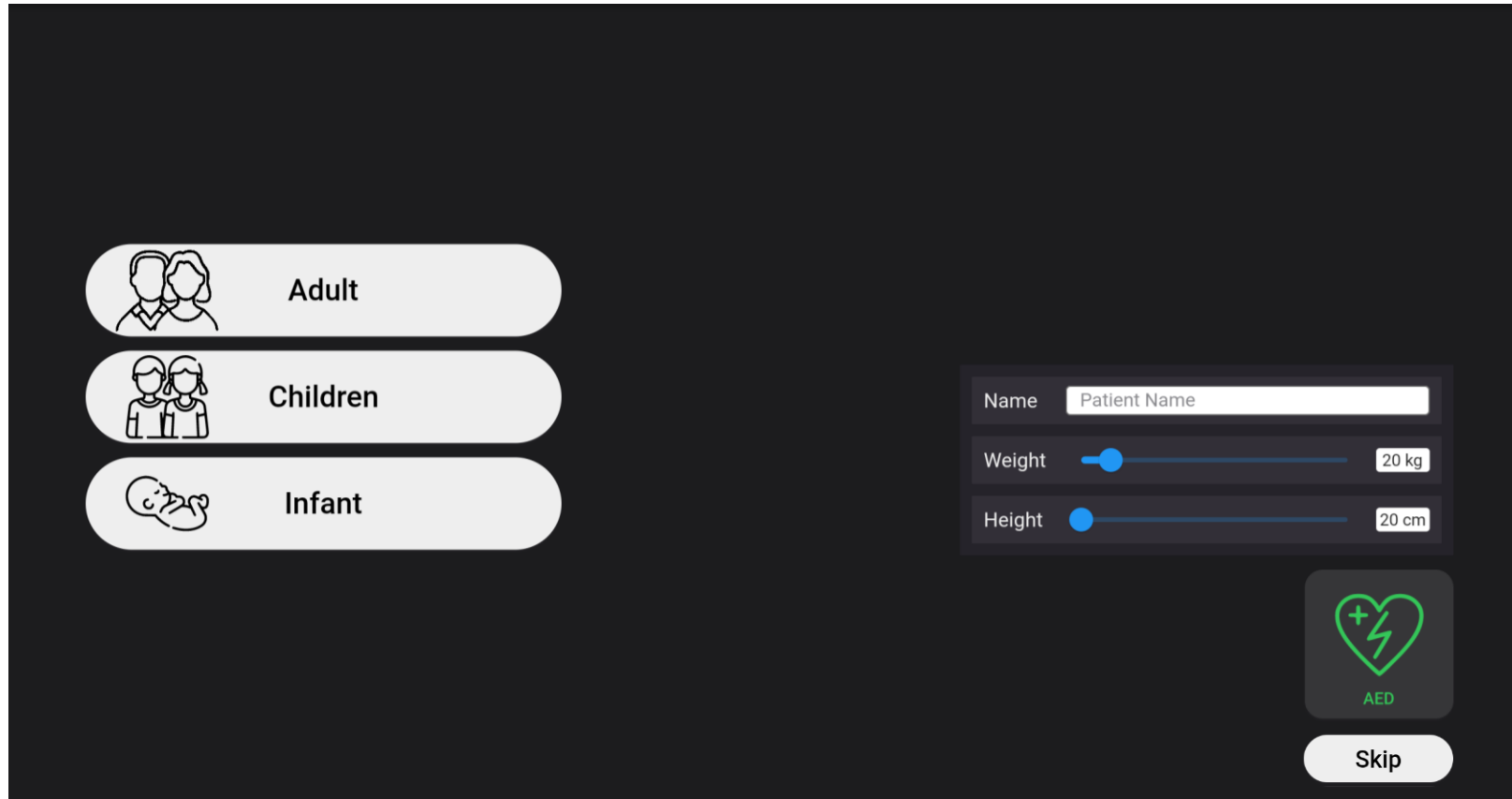
New Interface



Consistency & Familiarity



Reliability



The screenshot shows a dark-themed user interface for patient selection and data entry. On the left, there are three vertically stacked, light gray rounded rectangular buttons. 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 label 'Adult'. The middle button shows an icon of two children and the label 'Children'. The bottom button shows an icon of an infant and the label 'Infant'. To the right of these buttons is a form area. It starts with a 'Name' label followed by a text input field containing 'Patient Name'. Below this are two rows for 'Weight' and 'Height'. Each row has a blue slider control and a text box on the right showing '20 kg' and '20 cm' respectively. At the bottom right of the form area is a green heart icon with a white lightning bolt and a plus sign, with the text 'AED' below it. Below the AED icon is a light gray rounded rectangular button labeled 'Skip'.

Adult

Children

Infant

Name Patient Name

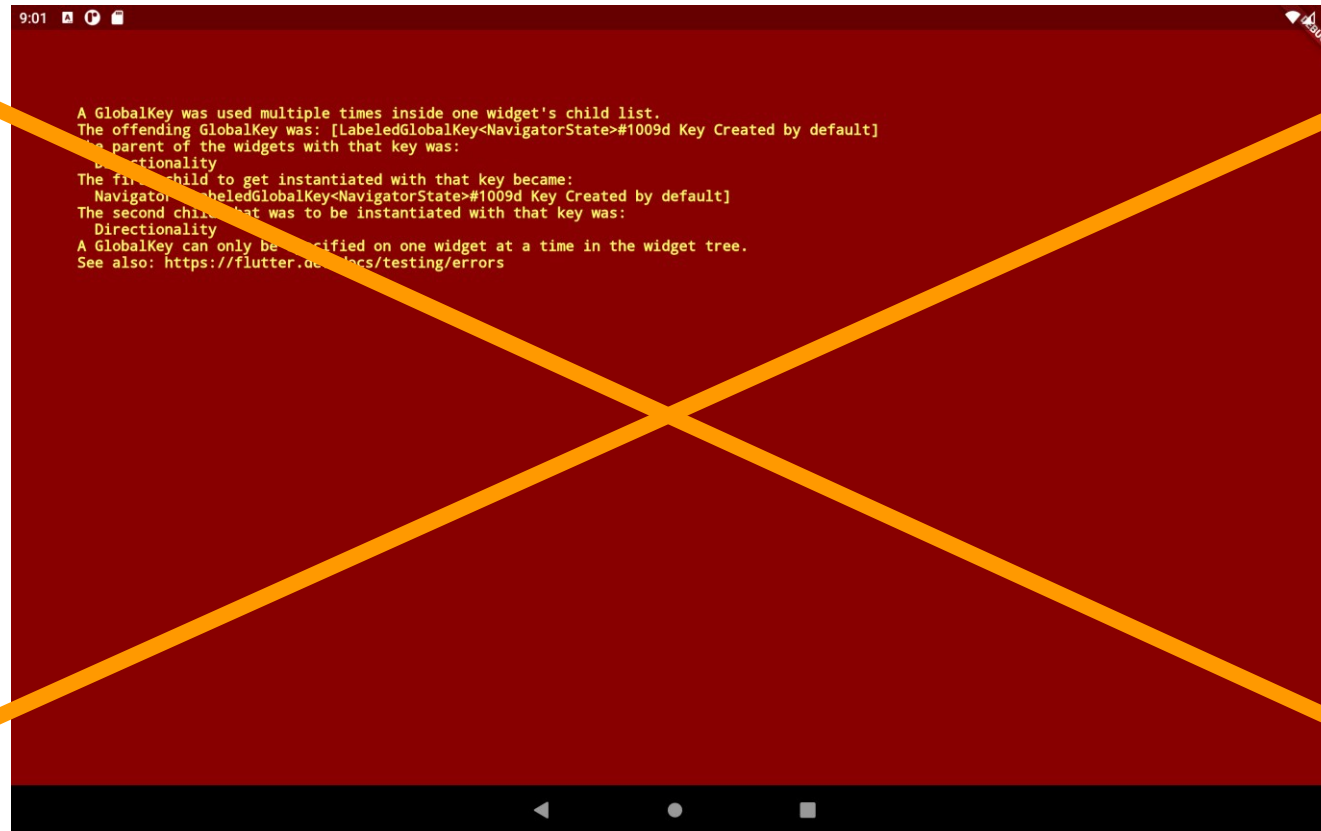
Weight 20 kg

Height 20 cm

AED

Skip

Reliability

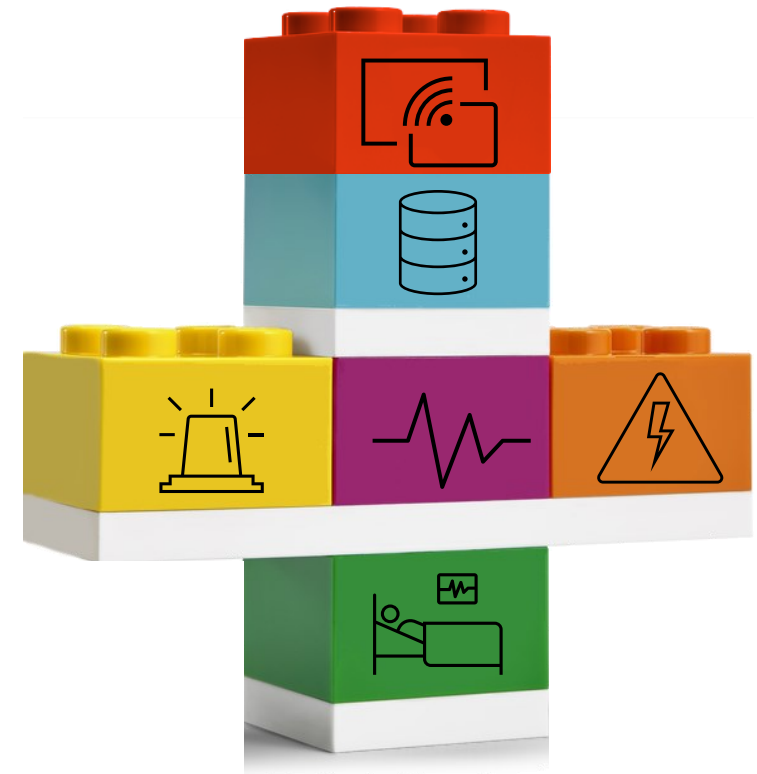


Modifiability & Extensibility

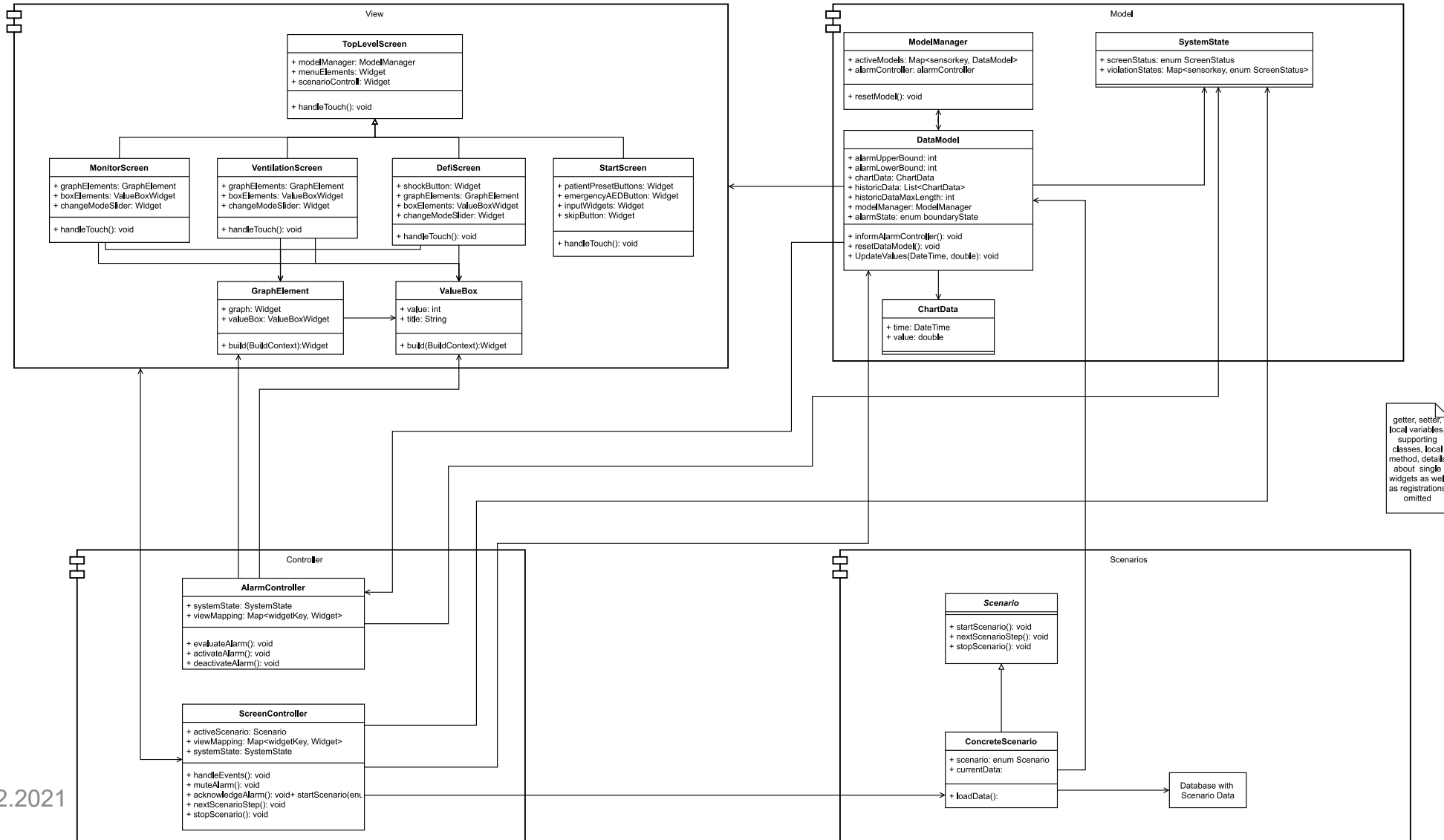
Modifiability



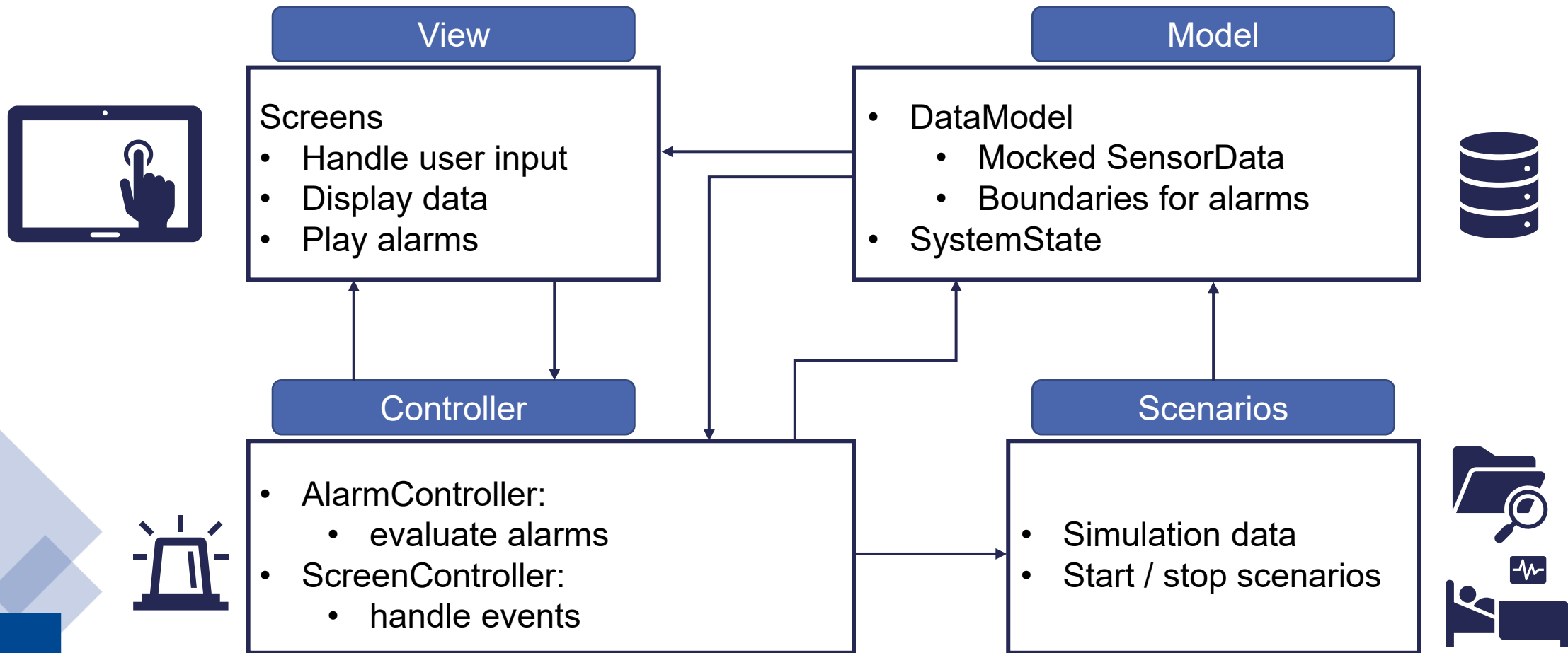
Extensibility



System Design



Purpose of the Components

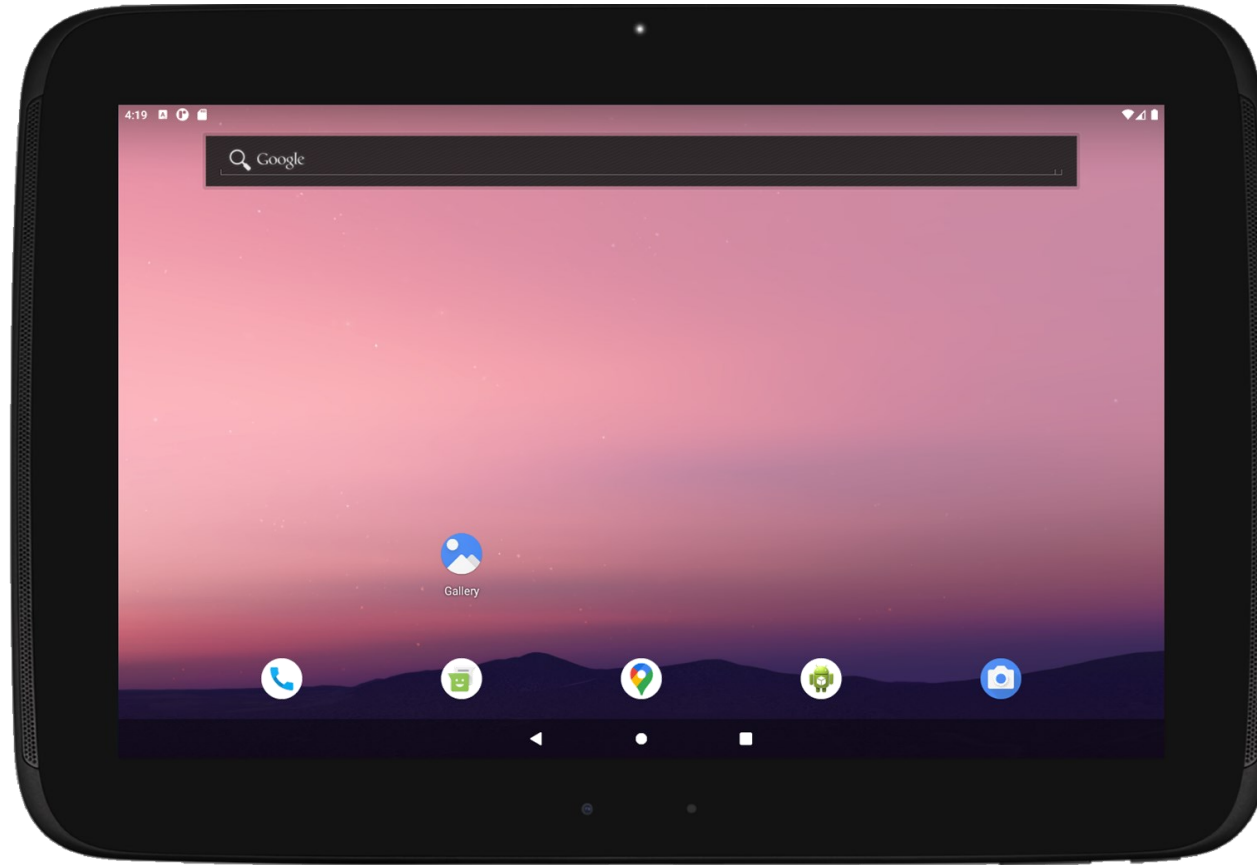


Application Demo

Nexus 10 (Android)

10,05"

2560 x 1600



16:10

10"

1920 x 1200

Next Stage: M3



Finish screens and
widgets in design



Complete navigation
and functions



Develop
alarmmanagement with
sounds and trigger

Fill scenarios with data

Edit trailer, poster and
set up website

Deliver a final and
functioning app



