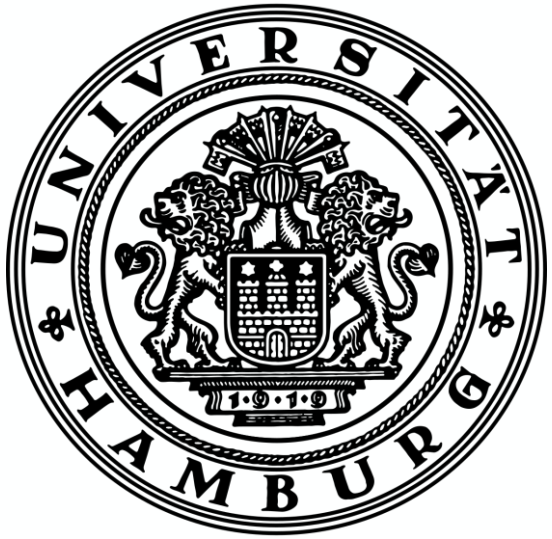
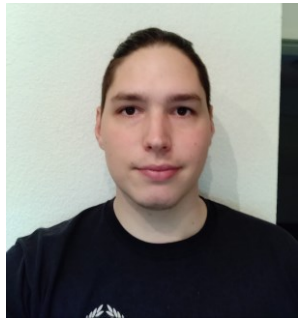


Collaborative Software Development

28.10.2021

M-Lab 2021/2022

Team



Corvin Biebach
Bachelor Computer Science

Maximilian Brosius
Master Computer Science

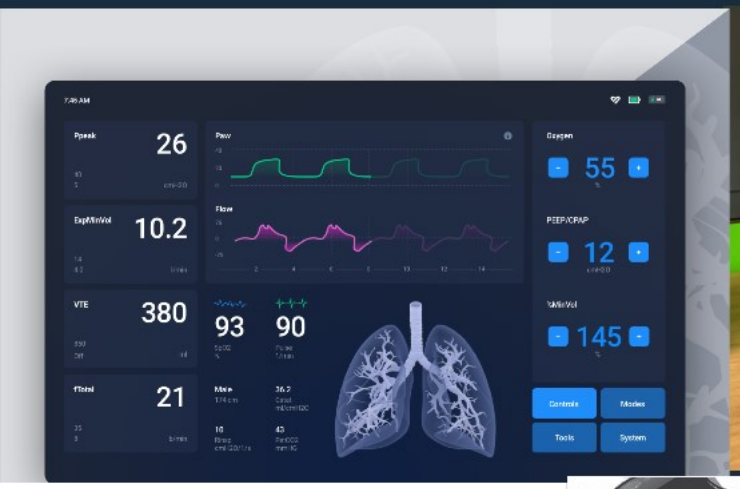
Fynn-Ole Menk
Bachelor Software-System Development

Anni Reinert
Bachelor Business Computer Science

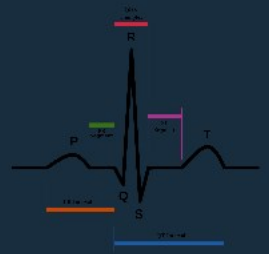
Noah Scheld
Bachelor Computer Science

Arne Struck
Master Computer Science

Mudassar Zahid
Bachelor Computer Science


Ppeak
26
ExpMinVol
10.2
VTE
380
fTotal
21
Paw
Flow
Oxygen
55
PEEP/CPAP
12
%MinVol
145
93
90
Controls
Modes
Tools
System

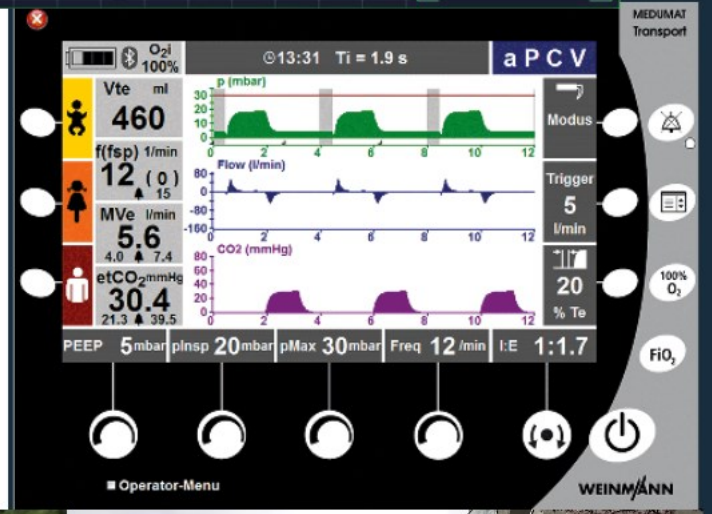
28
52
331
16
(S)CMV+
340
10
21
Monitoring
Tools
Events
Systems
Controls
Alarms



ECG Waveform
Heart Rate
bpm
108

60
98
37.0
14
123/83
(96)
37

corpuls
205
Start analysis


MEDUMAT Transport
13:31 Ti = 1.9 s
aPCV
Vte ml
460
f(fsp) 1/min
12 (0) 15
MVe l/min
5.6
4.0 7.4
etCO2 mmHg
30.4
21.3 39.5
p (mbar)
Flow (l/min)
CO2 (mmHg)
Modus
Trigger
5
l/min
20
% Te
PEEP 5mbar
pInsp 20mbar
pMax 30mbar
Freq 12 /min
I:E 1:1.7
Operator-Menu
WEINMANN

Gleis 2

NOTARZT
Bayerisches Rotes Kreuz

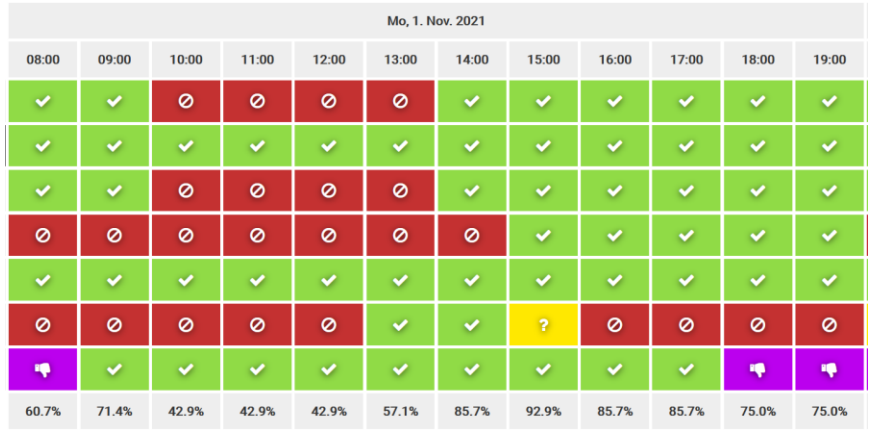
Öffentlicher Rettungsdienst
Lahn/Dill/Kreis
Malteser

Goals

- Learning
- Complete
- Experience
- Time management
- Communication

Communication

slack



Project Strategy

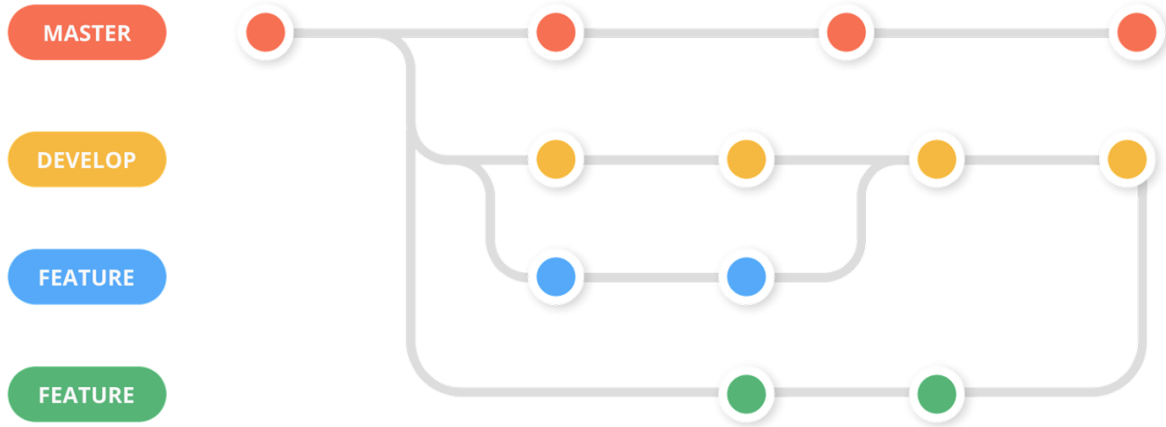
- Teams for different areas
- „Informatik GitLab“ as coordination tool
- Task board
- Documents and documentation
- Progress
- Issue assignment

UHH Informatics GitLab EE

Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Development Strategy

- Version control
- Main, development, features
- Merge requests
- Agile (M-Lab timetable)



Let‘s get started!

- Requirement Elicitation
- Customer Meeting
- Mockup