

2.2 Business & Project Documentation

Here we've prepared all information we used to create our prototype.

2.21 Product Backlog

Sprint 1

The screenshot displays the Product Backlog for Sprint 1. It consists of three main columns:

- Sprint Planung:** Contains item #3, 'Floor Plan'.
- Sprint:** Contains item #2, 'Technical Setup', and item #6, 'User Interface (UI)'.
- Kontrolle:** Currently empty.

Sprint 2

The screenshot displays the Product Backlog for Sprint 2. It consists of four main columns:

- Sprint Planung:** Contains three user stories:
 - #3: "As a facility manager I would like a general overview of the floors, so I know which room I have to pay attention to - Floor Plan"
 - #19: "As a FM I want to have the data that is gathered at MQTT broker connected to the product so I can access it from there."
 - #14: "As a FM I want to know which device needs my attention (Maintenance,...) early so I can plan the work on it." (labeled as 'Dashboard')
- Sprint:** Contains two user stories:
 - #18: "As a FM I would like to get an overview of the UI so I can optimize it over time"
 - #6: "As a FM I want to be able to Navigate easily through different rooms, so I can quickly access and find the information needed - User Interface (UI)"
- Kontrolle:** Contains one user story:
 - #16: "As a FM I want the Information I need gathered in one place so I can search for it targeted."
- Closed:** Contains item #2, 'Technical Setup'.

Sprint 3

Sprint Planning	Sprint	Kontrolle	Closed
<p>As a FM I want the the most important information visualized on the Dashboard so I can access it from there</p> <p>Dashboard</p> <p>#21</p>	<p>As a PO I want to have the deliverables updated so I they are prepared for the hand-in.</p> <p>#23</p> <p>As a FM I want to Login with my personalized Identification with as little clicks as possible so I can easily login</p> <p>#15</p> <p>As a FM I want to have the data that is gathered at MQTT broker connected to the product so I can access it from there.</p> <p>#19</p> <p>As facility manager, I would like to have access to information of a specific AHU, so I can get insights into the health/status of this AHU.</p> <p>Floor Map</p> <p>#4</p> <p>As a customer I would like to have my feedback incorporated so I can influence the final product.</p> <p>#22</p> <p>As a IT/ FM I want the Information I need gathered in one place so I can search for it targeted.</p> <p>#16</p> <p>As a FM I want a place to see the most important information on one glance so I get easily a generell overview what is going on. - Dashboard</p> <p>#20</p>		<p>As a facility manager I would like a general overview of the floors, so I know which room I have to pay attention to - Floor Plan</p> <p>#3</p> <p>As a FM I want to be able to Navigate easily through different rooms, so I can quickly access and find the information needed - User Interface (UI)</p> <p>#6</p> <p>As a FM I would like to get an overview of the UI so I can optimize it over time</p> <p>#18</p> <p>Technical Setup</p> <p>#2</p>

Sprint 4

Sprint BackLog
<p>As a FM I want to be able to select a certain room (AHU 9) by clicking to get access to the room data for further information - floor maps</p> <p>#24</p>
<p>As a FM I want the critical room data (temperatures, humidity, fans, pressure) to be shown on a dashboard, so I have a clear overview of the most important information. - floor maps (room information)</p> <p>#26</p>
<p>As an FM I want the data which left the set points to be marked, so I can see on one glance what is wrong - floor map (room)</p> <p>#27</p>
<p>As a FM I want a room with abnormal behavior (set points left) to be marked so I can directly see were an issue occurred - floor maps</p> <p>#25</p>
<p>As a FM I want the the most important information visualized (data shown) on the Dashboard so I can access it from there</p> <p>Dashboard</p> <p>#21</p>
<p>As a facility manager, I would like to have an overview about the historical data of the devices, so that I could know how something developed previous to going wrong -Data Development Visualisation</p> <p>#7</p>

Sprint 5

Sprint Backlog	Sprint	Kontrolle	Closed
	<p>As a Client I want my Feedback incorporated so I am able to design the solution as well. - Feedback #39</p> <p>As a FM I want the prototype to look nice so I feel comfortable using the tool - Design #38</p> <p>As a PO I want to have the deliverables updated so they are prepared for hand-in. - Deliverables #32</p> <p>As a Team member I want to have a cast draft for the video so I can get ready for cutting the promo video - Video #30</p> <p>As a facility, manager, I would like to get contacted if set points are deviated, so I know at any time about (bad) changes in the building - Notification in case of deviation Dashboard #5</p> <p>As an FM I want the current notifications about critical alarms shown on the dashboard, so I can access it from there. - Alarm dashboard #28</p> <p>As a FM I want to receive an email, pushupalert, ... so I do not miss when something happening in the building. - Notifications #29</p>		<p>As a client I want to know about a possible costs so I can plan calculate returns & costs - Cost #36</p> <p>As a FM I want the color system of MoL used in the application so I feel connected to the MoL - Farbschema #31</p> <p>As a client I want to know if the project team had trouble with the data understanding so I know which problems may occur - Data problems #33</p> <p>As a FM I want the the most important information visualized (data shown) on the Dashboard so I can access it from there Dashboard #21</p> <p>As a FM I want a room with abnormal behavior (set points left) to be marked so I can directly see were an issue occurred - floor maps #25</p> <p>As an FM I want the data which left the set points to be marked, so I can see on one glance what is wrong - floor map (room) #27</p> <p>As a FM I want all floor plans in the same size and easy to understand so I find the locations quickly - floorplans #34</p> <p>As a FM I want the critical room data</p>