Project Name	Firmware Scraper
Online team meeting	https://rwth.zoom.us/j/96055295674?pwd=end6NDA1dWxQVzFzVU5yaGd1TkNHZz09 (Meeting-ID: 960 5529 5674 , Kenncode: 888598)
Production system (if any)	...
Test system (if any)	...
GitHub repository	https://github.com/amosproj/amos2022ws01-firmware-scraper
GitHub feature board	https://github.com/orgs/amosproj/projects/4
GitHub impediments backlog	https://github.com/orgs/amosproj/projects/3
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/chHfuQUJA9C
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/0OXdY99WtoY
Additional materials	...

Last Name	First Name	GitHub User Name	Email Address
Kwiatek	Anna	IceFlovver	anna.kwiatek@fau.de
Pagel	Lucy	scherzgefaess	lucy.v.pagel@campus.tu-berlin.de
Sandrini	Anna-Maria	A-Sandrini	anna-maria.sandrini@fau.de
Schäffer	Leon	leshl	l.schaeffer@campus.tu-berlin.de
Murschel	Kiril	kirilzilla	murschel@campus.tu-berlin.de
Kundar	Deepakraj Krishna	Deepakraj8055	deepakraj8055@gmail.com
Strauch	Oliver	oliver99str	oliver.strauch@campus.tu-berlin.de
May	Maximilian	elgustov	maximilian.may@fau.de

#	Meeting Day	Product Owner	Software Developer	Release Manager	Scrum Master	Comment
1	2022-10-19	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	NA	Anna-Maria	
2	2022-10-26	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Deepak	Anna-Maria	
3	2022-11-02	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Lucy	Max	
4	2022-11-09	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Oliver	Anna-Maria	
5	2022-11-16	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Leon	Anna-Maria	
6	2022-11-23	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Kirill	Anna-Maria	
7	2022-11-30	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Max	Anna-Maria	Mid-term due
8	2022-12-07	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Anna	Anna-Maria	
9	2022-12-14	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Deepak	Anna-Maria	
10	2023-01-11	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Lucy	Anna-Maria	
11	2023-01-18	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Oliver	Anna-Maria	
12	2023-01-25	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Kiril	Anna-Maria	
13	2023-02-01	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Leon	Anna-Maria	
14	2023-02-08	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Max	Anna-Maria	Demo day!
15	2023-02-15	Anna, Deepak	Oliver, Kiril, Leon, Lucy, Max	Anna	Anna-Maria	Retrospective

Goals	Happy us and happy customer; learning new things; well working software that fulfills all requirements
	We want to create a space where everyone can learn from each other and where we benefit from our different strengths
Meeting norms	Show up max 10 min late with reason, communicate beforehand if there's a bigger delay. let others know in advance if you miss a meeting
Working norms	Try to write clean code, be considerate about commits when pairing, everyone should agree before releasing
	If someone struggles with a task we support each other and give contribution to the person who helped
Coordination norms	Let others know upfront if encountering any problems, need help, can't attend a meeting via whatsapp group; read emails and messages
Communication norms	Camera on, let people finish their sentences, write stand up emails regularly, communicate problems openly, be nice :)
Consideration norms	Camera can be off if the bandwidth is bad on teams, less tasks for people if they have an exam etc
	We volunteer for common jobs
Cont. improvement norms	We jointly review the happiness index in every team meeting
Rewards	Applause
Sanctions	Sad smileys on zoom :(

Anna-Maria Sandrini

Anna Kwiatek

Lucy Pagel

Kiril Murschel

Oliver Strauch

Leon Schäffer

Elias Pichottka

Maximilian May

Deepakraj Krishna Kundar

Product Vision	Project Mission
The firmware scraper makes it possible for those who are interested in gathering firmware data to always have the most recent information. Our automated solution offers the access to firmware's meta data from numerous vendors with a single click and without the need for spending further human resources.	The mission of this project is to create a software for downloading firmware from different vendors and storing their meta data in MySQL database. The main functionality will be scheduled searching for firmware, checking for presence in the data base, downloading the updated ones and storing the meta data in the data base. Overall, ensuring that the information in the data base is up to date and readily available for further analysis.

Term	Definition

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release	Mid-term						
No sprints	5						
Due Date	23.11.2022			50		31	
Sprints							
3	**Reasearch Firmwares**	Download Firmware		15	50	15	31
4	**Project Structure**	Schema and core structure		18	35	16	16
5	**First vendor modules**	Integrate vendor specific modules		17	17	0	0
					0		0
Features							
3	**Reasearch Firmwares**	Download Firmware	Download Firmware - Zyxel	3		3	
			Download Firmware - AVM	3		3	
			Download Firmware - Schneider	3		3	
			Download Firmware - Synology	3		3	
			Download Firmware - Asus	3		3	
4	**Project Structure**	Schema and core structure	Create schema for SQL DB	5		5	
			Create MySQL Database	2		2	
			Create core structure	5		3	
			Scheduler	3		3	
			Saving Meta data to mySQL	3		3	
5	**First vendor modules**	Integrate vendor specific modules	Template vendor modules structure	3			
			Synology scraping module integration with core	3			
			Schneider scraping module integration with core	3			
			Refinement of AVM vendor module	3			
			Download Firmware for a random vendor	3			
			Logger - concept	2			

Real Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining

Mid-project burn down

- ■ Est. Remaining
- ■ Real Remaining
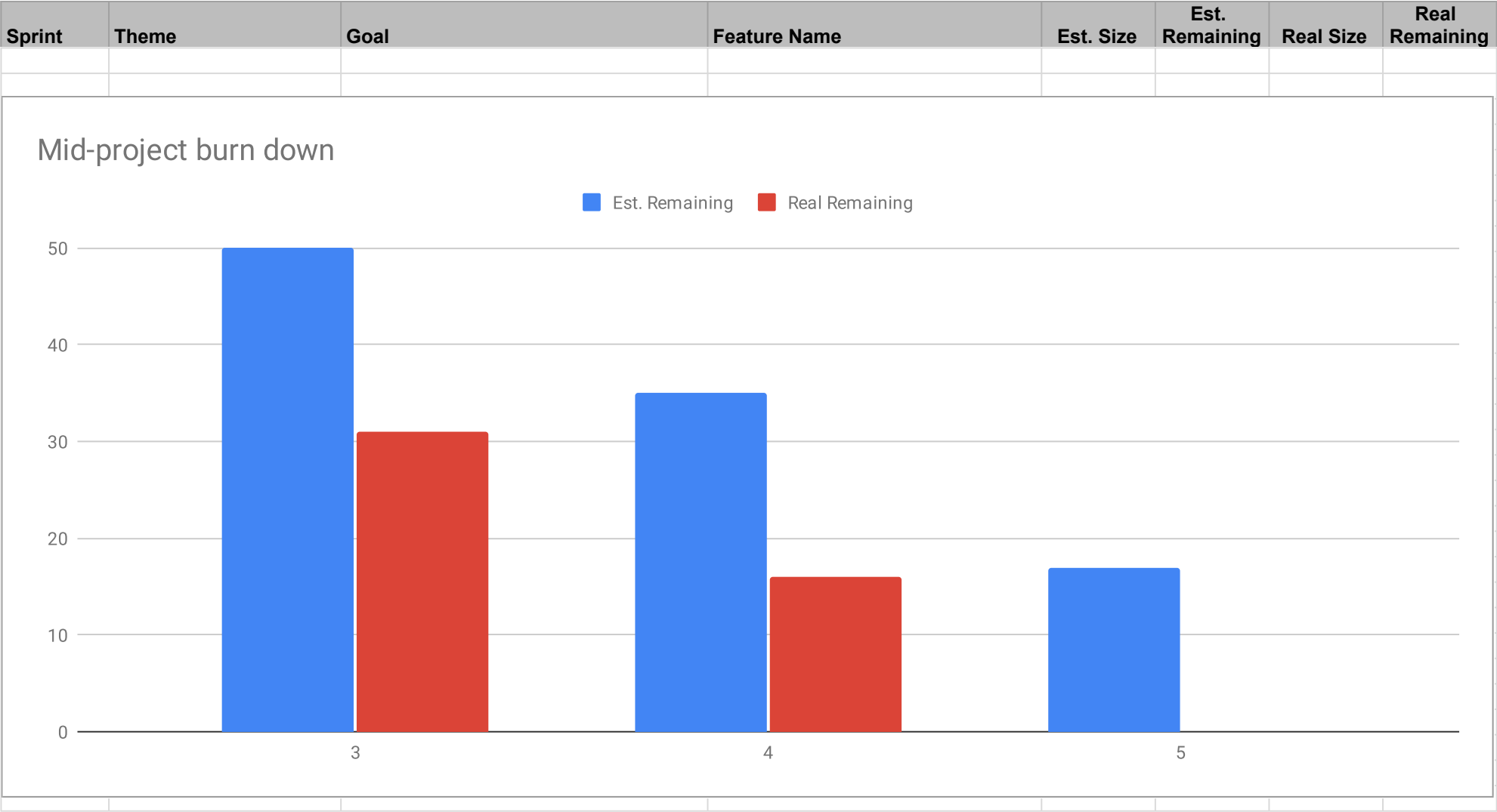
#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	All the acceptance criteria have been met	At least 1 fully implemented feature	The chosen features are fully implemented in the code
	The code has been merged with the main one	There are no major bugs	The features are running without crashing
	The documentation and Bill of Materials have been updated	Successful vendor module test	Feature test coverage >= 50%
	The code is complete and uploaded in GitHub		User documentation is available
	Functionality has been reviewed		Developer documentation is available
	The tests to ensure the feature is working have been created		Installation script is available

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			0	0		
Sprints							
1				0	0	0	0
2				0	0	0	0
3				0	0	0	0
...					0		0
Features							
1							
2							
3							

Type	Link / reference

#	Context	Name	Version	License	Comment
1	Browser Automation	Selenium	4.5	Apache-2.0	
2	Database	MySQL	8	GPLv2	
3	OS	Docker	20.1	Apache-2.0	
4	Testing	pytest	7.2	MIT License	
5	Linting	pylint	2.15.5	GPLv2	
6	OS	Ubuntu:jammy	22.04	GPLv2	some packages may have different licensing

Last Name	First Name	Value					
Kwiatek	Anna			#DIV/0!	#DIV/0!		
Pagel	Lucy						
Sandrini	Anna-Maria						
Schäffer	Leon						
Murschel	Kiril			0	No size		
Kundar	Deepakraj Krishna			1	Trivial size		
Strauch	Oliver			2	Small size		
May	Maximilian			3	Medium size		
				5	Large size		
				8	Very large size		
				13	Too large (size)		