Project Name	SpecItem Database
Online team meeting (12:15)	https://fau.zoom.us/i/66249135424?pwd=aUpvTE9yT3BpQ3hLSkNnWjIxNERpZz09
Omine team meeting (12.10)	Integration in the integral in
Production system (if any)	
Test system (if any)	
GitHub repository	https://github.com/amosproj/amos2022ws04-specitem-database
GitHub feature board	https://github.com/users/Inrd96/projects/1/views/1
GitHub impediments backlog	https://github.com/orgs/amosproj/projects/10/views/1
Team T-shirt (white)	https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/f380b679-5089-4b5d-b5c8-83d2e3239fba
Team T-shirt (black)	https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/a0cb99d2-b874-4e52-a7c3-38f83ff33c04
Additional materials	

Last Name	First Name	GitHub User Name	Email Address
Kotsev	Georgi	gogokotsev00	g.kotsev@campus.tu-berlin.de
Nguyen	Kevin Ky Anh	kevinnguyen20	k.nguyen.2@campus.tu-berlin.de
Vu	Duc Thai	thaivd1309	v_ducthai@win.tu-berlin.de
Niezgódka	Dawid	dawidniezgodka	d.niezgodka@campus.tu-berlin.de
Malliaros	Nikolaos	nikomall34	niko.malliaros@fau.de
Fischer	Leonard	Inrd96	leonard.fischer@fau.de
Wittig	Tobias	twittig	t.wittig@campus.tu-berlin.de
Eren	Kubilay	kubieren	kubi00358@gmail.com
Rosenberger	Julian	julianrosenberger	julian.rosenberger@fau.de

#	Meeting Day	Product Owner	Software Developer	Release Manager	Scrum Master	Comment
1	2022-10-19	Leonard Fischer, Niko Malliaros	Everyone else	N/A	Julian Rosenberger	
2	2022-10-26	Leonard Fischer, Niko Malliaros	Everyone else	Duc Thai Vu	Julian Rosenberger	
3	2022-11-02	Leonard Fischer, Niko Malliaros	Everyone else	Tobias Benjamin Wittig	Julian Rosenberger	
4	2022-11-09	Leonard Fischer, Niko Malliaros	Everyone else	Kubilay Eren	Julian Rosenberger	
5	2022-11-16	Leonard Fischer, Niko Malliaros	Everyone else	Georgi Kotsev	Julian Rosenberger	
6	2022-11-23	Leonard Fischer, Niko Malliaros	Everyone else	Dawid Niezgódka	Julian Rosenberger	
7	2022-11-30	Leonard Fischer, Niko Malliaros	Everyone else	Duc Thai Vu	Julian Rosenberger	Mid-term due
8	2022-12-07	Leonard Fischer, Niko Malliaros	Everyone else	Kevin Nguyen	Julian Rosenberger	
9	2022-12-14	Leonard Fischer, Niko Malliaros	Everyone else	Tobias Benjamin Wittig	Julian Rosenberger	
10	2023-01-11	Leonard Fischer, Niko Malliaros	Everyone else	Kubilay Eren	Julian Rosenberger	
11	2023-01-18	Leonard Fischer, Niko Malliaros	Everyone else	Georgi Kotsev	Julian Rosenberger	
12	2023-01-25	Leonard Fischer, Niko Malliaros	Everyone else	Dawid Niezgódka	Julian Rosenberger	
13	2023-02-01	Leonard Fischer, Niko Malliaros	Everyone else	Kevin Nguyen	Julian Rosenberger	
14	2023-02-08	Leonard Fischer, Niko Malliaros	Everyone else	Duc Thai Vu	Julian Rosenberger	Demo day!
15	2023-02-15	Leonard Fischer, Niko Malliaros	Everyone else	Tobias Benjamin Wittig	Julian Rosenberger	Retrospective
				<u> </u>		

Goals	Valuable product that the company could make use of - the product being the result of a collaborative effort
	No one is left behind
Meeting norms	Focus and concentration
	Meetings are mandatory, if unavailable excuse early
	Be on time at 12:15 on Wednesdays
	Turn camera on (at least) while talking (except for techniqual issues)
Working norms	Criticism and reviews should be given in the team meetings
_	Weekly contribution (a possible exception like holidays, private matters, etc.)
	Working at a durable steady pace, minimize the unspecified work
	Features are voluntary picked up by SDs, not assigned
	If SD cannot complete task within deadline, he must let others know ASAP (in Discord)
Coordination norms	Product Owners lead the Team Meetings and keep Team on track, Product owners priorize the work load (tickets)
	Assign each task to a specific person; make sure they know what has to be done; PO make sure people are on track
	Work division in Team Meeting
Communication norms	Openness
	Discord - different channels for separate matters; try to forewarn about the absence so that work can be divided
	E-mail is used for communication with industry partner (cc: amos-team4@group.riehle.org)
	Make use of Stand-up-Emails :-)
	No Interrupting
Consideration norms	If disaggrements appear, handle by public voting discuss together
Cont. improvement norms	Commitment
	The teams progress will be tracked through weekly updates during the meetings
	When someone is inactive, reach to him, if this does not solve the problem, have discussion with the team and decide how to proceed
	Feedback
	Reflect together on how to improve: Retrospective Phase in Team Meeting :)
Rewards	We celebrate each others successes and value outstanding commitment
Sanctions	Violating the group norms should be fined by making the member apologise to each of his teammates publicly
	Leonard Fischer, Tobias Wittig, Kevin Nguyen, Kubilay Eren, Georgi Kotsev, Nikolaos Malliaros, Julian Rosenberger, Dawid Niezgódka,
Signatures:	Duc Thai Vu

Product Vision	Project Mission
The development partnership AUTOSAR, consisting of several hundred member companies, establishes and provides standards for software, exclusively for automotive electronic control units. These standards are, for example, represented in the form of specification documents that contain technical requirements. The firm Develop Group is working with these documents and claims that the practical handling of them has potential to be facilitated. The objective of the "AMOS SpecItem project" is to provide the possibility to easily search, edit and compare the technical requirements present in the specification documents. This is realized with a specially created database whose content can be accessed in an interactive UI. The overall usability of the system is enhanced by its accessibility through communication protocols. Users of this solution benefit from an enormous facilitation in maintenance of the requirement items.	Maintaining SpecItems is simplified by creating an online database with a browser-based frontend.  The user is able to view the SpecItems in the browser.  They can also search for specific SpecItems.  Moreover, the user can change SpecItems in the web browser.  So in other words the database (service) shall allow to:  - import new revisions of SpecItems from input files  - search and view SpecItem data in web-browser  - compare revisions of a SpecItem  - edit specific SpecItem metadata in web-browser  - export SpecItem data to output files  - trigger the actions above by REST API.

<b>Term</b> Specitem	Definition	
SpecItem	Specification Item	

Sprint	Theme	User Stories			Est. Size		Est. Burndown	Real Size	Real Burndown	Dev. Speed
0							98		92	
1	Architecture Planning	5, 8, 10, 17				12				15
2	Environment Setup / Software Research	19, 23, 22, 11, 12	, 14, 16			17				16
3	Database Setup / Backend Implementation	43, 24, 21, 23, 18				18	51	24	36	20.5
4	Frontend Setup / Backend Refinement	25, 9, 15				5	46	6	30	15
5	Frontend-Backend Connection / Frontend Features	26, 13, 55, 61, 25	5, 9, 45,			29	17	30	0	18
6	Frontend Layout Features / Items Version History Setup	69, 44, 64, 67, 68	}			17	0	0	0	15
	Total					98		92		
# Sprints	6									
Due Date	11/30/2022									
Days Left	0							1		7
			100 ——  75 ——  50 ——  25 ——	own Chart  Real Burndown  Est. Burndown				6		
				1	2	3	4	5	O	

1       Architecture Planning       5, 8, 10, 17       12       230       15       77       1         Environment Setup / Software       19, 23, 22, 11,       17       213       17       60       1         2       Research       12, 14, 16       17       213       17       60       1         Database Setup / Backend       43, 24, 21, 23,       18       195       24       36       20.         Frontend Setup / Backend       26, 13, 25, 9, 15       5       190       6       30       1         4       Refinement       26, 51, 13, 55,       61, 25, 9, 45, 52,       61, 25, 9, 45, 52,       161       30       0       1         5       Frontend Features       46, 29, 15       29       161       30       0       1         Frontend Layout Features /       Features /       46, 29, 15       29       161       30       0       1					Est.		Real	Dev.
Environment Setup / Software   19, 23, 22, 11,   12	Sprint	Theme	User Stories	Est. Size	Burndown	Real Size	Burndown	Speed
2   Research   12, 14, 16   17   213   17   60   1	1	Architecture Planning	5, 8, 10, 17	12	230	15	77	15
Database Setup / Backend		Environment Setup / Software	19, 23, 22, 11,					
Society   Soci	2			17	213	17	60	16
Frontend Setup / Backend   26, 13, 25, 9, 15   5   190   6   30   1								
4       Refinement       26, 13, 25, 9, 15       5       190       6       30       1         Frontend-Backend Connection / Frontend Features       26, 51, 13, 55, 61, 25, 9, 45, 52, 61, 25, 9, 45, 52, 64, 29, 15       29       161       30       0       1         Frontend Layout Features / Items Version History Setup       69, 44, 64, 67, 68       17       144       0       0       0       1         8       Frontend History Viewable for user / Metadata to backend       T.B.D.       18       126       0	3		18, 20	18	195	24	36	20.5
Section   Column				_				
Frontend-Backend Connection   61, 25, 9, 45, 52,   46, 29, 15   29   161   30   0   1	4	Refinement		5	190	6	30	15
Frontend Features		Franksish Bashand Canasathan /						
Frontend Layout Features	5			20	161	20		10
Items Version History Setup   69, 44, 64, 67, 68   17	5		40, 29, 15	29	101	30	U	10
Items Version History viewable	6		60 11 61 67 68	17	144	0	0	15
7         for user / Metadata to backend         T.B.D.         18         126         0           8         Frontend Adjustments         T.B.D.         18         108         0           9         Frontend Finalisation         T.B.D.         18         90         0           Planning and implementation of         T.B.D.         18         72         0           10         Multi-Sesstion support         T.B.D.         18         54         0           11         Finalizing Multi-Session support         T.B.D.         18         54         0           Final Adjustments and         Refactorings         T.B.D.         18         36         0           13         Release Review and Check-ups         T.B.D.         18         18         0           14         Final Presentation         T.B.D.         18         0         0	U		09, 44, 04, 07, 00	17	177	0	U	10
8         Frontend Adjustments         T.B.D.         18         108         0           9         Frontend Finalisation         T.B.D.         18         90         0           Planning and implementation of         10         Multi-Session support         T.B.D.         18         72         0           11         Finalizing Multi-Session support         T.B.D.         18         54         0           Final Adjustments and         12         Refactorings         T.B.D.         18         36         0           13         Release Review and Check-ups         T.B.D.         18         18         0           14         Final Presentation         T.B.D.         18         0         0	7		T.B.D.	18	126		0	
9         Frontend Finalisation         T.B.D.         18         90         0           10         Multi-Sesstion support         T.B.D.         18         72         0           11         Finalizing Multi-Session support         T.B.D.         18         54         0           Final Adjustments and         Refactorings         T.B.D.         18         36         0           13         Release Review and Check-ups         T.B.D.         18         18         0           14         Final Presentation         T.B.D.         18         0         0	8							
Planning and implementation of  Multi-Sesstion support T.B.D.  T.B.D.  18 72 0  T.B.D.  Finalizing Multi-Session support T.B.D.  Final Adjustments and Refactorings T.B.D.  Release Review and Check-ups T.B.D.		•						
10       Multi-Sesstion support       T.B.D.       18       72       0         11       Finalizing Multi-Session support       T.B.D.       18       54       0         Final Adjustments and         12       Refactorings       T.B.D.       18       36       0         13       Release Review and Check-ups       T.B.D.       18       18       0         14       Final Presentation       T.B.D.       18       0       0								
11       Finalizing Multi-Session support       T.B.D.       18       54       0         Final Adjustments and         12       Refactorings       T.B.D.       18       36       0         13       Release Review and Check-ups       T.B.D.       18       18       0         14       Final Presentation       T.B.D.       18       0       0	10		T.B.D.	18	72		0	
Final <b>Adjustments</b> and  12 <b>Refactorings</b> T.B.D. 18 36 0  13 Release <b>Review</b> and Check-ups T.B.D. 18 18 0  14 Final <b>Presentation</b> T.B.D. 18 0	11		T.B.D.	18	54		0	
13 Release Review and Check-ups T.B.D. 18 18 0 14 Final Presentation T.B.D. 18 0								
14 Final <b>Presentation</b> T.B.D. 18 0 0	12	Refactorings	T.B.D.	18	36		0	
	13	Release Review and Check-ups	T.B.D.	18	18		0	
Total 152 92	14	Final <b>Presentation</b>	T.B.D.	18	0		0	
<b>Total</b> 152 92								
		Total		152		92		
# Sprints 14	# Sprints	14						
Due Date 02/08/2023		02/08/2023						
Days Left 70								
	_ = = = = = = = = = = = = = = = = = = =	. •						

<del>)</del>	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	Feature has been fully implemented	Features have been merged into the main-branch	Agreed on core functionality is provided
	No known errors	All tests are passing	At least 90% Code coverage in tests
	All acceptance criteria were met	Documentation updated	Bill of materials completed
	Test passes	Sprint backlog is empty	Documentation completed
	Peer code review passed	Bill of materials updated	

Туре	Link / reference
User Documentation	<u>User Documentation · amosproj/amos2022ws04-specitem-database Wiki · GitHub</u>
Design Documentation	Design documentation · amosproj/amos2022ws04-specitem-database Wiki · GitHub
Build Documentation	Building the application · amosproj/amos2022ws04-specitem-database Wiki · GitHub

#	Context	Name	Version	License	Comment
1	org.springframework.boot	Spring Boot	2.7.5	Apache-2.0	
2	org.springframework.spring-web	Spring Boot Web			
3	org.springframework.data.spring-data-jpa	Spring Data JPA			
4	org.postgresql.postgresql	PostgreSQL Driver			
5	org.webjars.npm.react	React js	18.2.0	MIT	
6	3	Java	11	Oracle No-Fee Terms and Conditions License	
7	7	Apache Maven	3.8.6	Apache-2.0	
8	org.postgresql.postgresql	PostgreSQL	15	PostgreSQL License	
9	org.junit.jupiter	Junit	5.9.1	Eclipse Public License v2.0	
10	org.projectlombok	Lombok	1.18.24	MIT	
11	com.h2database	H2 Database Engine	2.1.214	EPL 1.0, MPL 2.0	

Last Name	First Name	Value			
Kotsev	Georgi	8			
Nguyen	Kevin Ky Anh	8	8.00	OK	
Vu	Duc Thai	8	0100		
Niezgódka	Dawid	8			
Wittig	Tobias	8	0	No size	
Eren	Kubilay	8	1	Trivial size	
Rosenberger	Julian		2	Small size	
Malliaros	Nikolaos		3	Medium size	
Fischer	Leonard		5	Large size	
			8	Very large size	
			13	Too large (size)	