AMOS Project 5 - Planning Documents

Project Data

Project Name	Financial Product Portfolio Quick-Check
Production system (if any)	
Test system (if any)	
GitHub repository	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check
GitHub kanban board (project)	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/projects/1
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/TVvtvi-d3Fa
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/TVvtvi-d3Fa
Additional materials	
Happinessindex	https://happy-amos.appspot.com/Project?project=6194017020674048&course=6014071715397632
Team T-shirt (white)	Ivan Butron Sossa
Team T-shirt (black)	Maximilian Bartels, Ines Vogel, Lily Hügerich, Alexander Werner, Maximilian Rodiek, Tobias Bernhard, Andreas Ronellenfitsch

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Project Team

Last Name	First Name	GitHub User Name	Email Address
Bartels	Maximilian	Batogami	m.bartels@campus.tu-berlin.de
Bernhard	Tobias	tobbber	to-tb@gmx.de.
Butron Sossa	Ivan Antonio	ibutrons-	ivanbutronsossa@gmail.com
Hügerich	Lily	lilyhuegerich	lilyhueg@gmail.com
Rodiek	Maximilian	m4xrdk	rodiek@campus.tu-berlin.de
Ronellenfitsch	Andreas	aron4	a.ronellenfitsch@campus.tu-berlin.de
Vogel	Ines	InesVogel	ine.vogel@gmail.com
Werner	Alexander	AlexanderW1996	werner.3@campus.tu-berlin.de
Groth	Patrick		patrick.groth@fau.de

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Team Contract

Goals	Be Helpful & Respectful
	We and our customers are satisfied with the project results
	Not only satisfied with the product, also with the moral of and atmosphere in the team
	Improve efficiency over the semester
Meeting norms	Team Meetings are mandatory (Thursday, 12:30pm)
	Be on time
	Turn your camera on if possible
	Come prepared
Working norms	Primate of consensus, else voting, majority wins
_	Support your team
	Task assignments will be made clear and agreed upon by the end of weekly group meetings.
	Task can solved independently or in groups (pair programming)
	Give constructive criticism, dont make it personal
Coordination norms	Team meetings will be lead by the POs
	Assignments can be chosen based on preference if assignments are not voluntarily chosen the Product owner can assign tasks based on workloads
Communication norms	Our communication channel will be slack and we write respectfully
	Communicate over the corresponding channels
	Response at least in 24h
	Whatsapp as urgent channel
	Any discussion should be viewable to anyone that the discussion pertains.
	If you cannot participate or arrive late, write a message in slack beforehand if possible at least an hour before
	Ask for help if necessary
Consideration norms	Side conversations in separate slack channel
Consideration norms	Don't interrupt each other in the zoom calls
	Be considerate of others people time and communicate at your earliest convience
	If two people have a conflict choose mediator, for more people or fail group discussion
Cont. improvement norms	Kanban board, closed tickets and weekly deadlines are used to track progress
	Test and code metrics
	Assign default reviewer
	Master should always be runnable

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Team Contract

	Anyone can start a discussion about outcomes or notices from their assignments.
Rewards	Cake
	Drinks
Sanctions	Write Documentation
	Last place for task assignment
	Sanctions only by vote

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Role Assignments

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Release Manager	Scrum Master
1	2021-10-21		Yes	Max R & Andreas	Everyone else	N/A	Coach
2	2021-10-28		Yes	Max R & Andreas	Everyone else	N/A	Coach
3	2021-11-04		Yes	Max R & Andreas	Everyone else	Ines Vogel	Coach
4	2021-11-11		Yes	Max R & Andreas	Everyone else	Ines Vogel	Coach
5	2021-11-18		Yes	Max R & Andreas	Everyone else	Ines Vogel	Coach
6	2021-11-25		Yes	Max R & Andreas	Everyone else	Ines Vogel	Coach
7	2021-12-02	Mid-project release	Yes	Max R & Andreas	Everyone else	Alexander Werner	Coach
8	2021-12-09			Max R & Max B	Everyone else	Alexander Werner	Max R
9	2021-12-16			Max R & Max B	Everyone else		Max B
10	2022-01-13		Yes	Max R & Max B	Everyone else		Max R
11	2022-01-20			Max R & Max B	Everyone else		Max B
12	2022-01-27			Max R & Max B	Everyone else		Max R
13	2022-02-03		Yes	Max R & Max B	Everyone else		Max B
14	2022-02-10	Demo day / final release		Max R & Max B	Everyone else		Max R
15	2022-02-17	Project retrospective due		Max R & Max B	Everyone else		Max B

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Product Goal

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Product Glossary

Term	Definition
Admin	The admin can create/delete users and assign roles
Consultant	The consultant is the main user of the software, which can conduct analysis, enter ratings and print charts.
Epic	An Epic describes several issues which are grouped as one topic
Evaluation view	An Epic describes several issues which are grouped as one topic
Issue	An issue can describe user stories, bugs, tasks or other types of issues.
Komplexitätskriterium/-treiber	Is a class of questions with the same topic
Kundenschlüssel	The customerID
Marge	The margin whichs displays the y-axis in the in the pie chart
Piechart (äußerer Ring)	The customer complexity, for each Produkt three fields for the percentage of hoch, mittel & gering complex customer is given.
Piechart (innerer Ring)	The distribution of Bewertungen of Produktvarianten for one Produkt.
Piechart (Größe)	The volume of the piechart displays the criteria "credit volume" in the economical evaluation
Produktbereiche	Every product area has to sub areas (private and corporate) & and there are 1 to n products for each product area
Produktschlüssel	The productID
Produkt	Every product has one to n product variants, which are divided in product areas.
Produktvariante	One or many Produktvarianten are forming the Produkt; The Produkt is a Produktvariante of itself; Exp: Sofortdispo, Dispo Fix & Dispo Variabel
Rating	Hoch, Mittel & gering (with colours: red, yellow & green); is set by a consultant
Result view	The webpage with the charts
Projekt	A Projekt has one or many Produkte; Each Projekt has 1-n Produktbereiche
User	A User is ther overall class for Consultant, Admin and Project Manager
User Story	A user story is a describtion of a software functionality
Gesamteinschätzung wirtschaftliche Bewertung	This value is used to determine the economical complexity of Produkt or a Produktvariante; This value is displayed in the inner piechart ring

AMOS Project 5 - Planning Documents

Mid-Project Release Tracking

# Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
		TOTAL	((((0)	
1 Initial Setup	Getting to know & project setup			10		10	8:
·		Additional team meeting	2		2		
		•	1		2		
			3		2		
		#2 Team Contract	2		1		
		Meeting with industry partner	2		3		
Initial Setups & Research	Section Sect	18	7:				
. itesearen	requirements from modulity partner (bocker)	#12 Define Initial PEST-API	5	24		10	,
					•		
		#11 Conduct Research for Oser Management	3		3		
Frontend and Backend							
& Architecture	Backend Architecture & first WebUI is implemented			18		12	5
		#36 Refactor project API	2		1		
		#34 Setup Backend REST API	5		3		
		#30 Set Up Relational Database	3		2		
		#32 Set Up Initial WebUI	5		3		
		#41 Use Case Diagram	1		1		
		#42 Flowchart Diagram	1		1		
		#40 ER-Diagram	1		1		
First Frontend Technical				٥		9	43
4 Breakthrough	vision & Deminion of done & working on frontend	#27 Droduct Vision	1	9	1	9	43
		,					
Main Eventond							
and Backend 5 Functionalitites				24		18	34
		#45 Create View "Manage Project"	5		3		
		#47 Create View "Manage Project Members"	5		5		
		#48 Create "Product Overview"	5		5		
		#61 Create "Enter Financial Product Data"	3		1		
		#63 Create "Add Product View"	3		1		
		#64 Create "Enter Complexity Data"	3		3		
Mid Term Release &	Getting the last frontend functionalities for a first breakthrough of the software and continue testing the						
6 Testing	backend	#05 Oracta View "Complexity Fuely-ti"		21		16	16
		#65 Create View "Complexity Evaluation" #62 Create View "Economic Evaluation"	5		3 5		
		#DZ CJERIE VIEW "ECONOMIC EVRILISTION"	5		5		

AMOS Project 5 - Planning Documents

Mid-Project Release Tracking

Theme	Goal		Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
		#81 Testing of Data Transfer Object ("dto") Folder (Backend)	3		2		
		#83 Testing of "Service" Folder (Backend)	3		3		
		#82 Testing of "Exceptions" Folder (Backend)	2		1		
Release	Mid Term						
No Sprints	6 .						
Due Date	02.12.2021						
Sprint	Sprint Theme	User Stories E	Est. Size	Est. Burndown	Real Size	Real Burndown	
	0			106		83	
	1 Initial Setup	3,2,1	10	96			
	2 More Initial Setups & Research	12, 13, 17, 14, 15, 11	24	72			
	3 Frontend and Backend Functionalities & Architecture		18	54			
	4 First Frontend Technical Breakthrough	37, 38, 59, 44, 46	9	45			
	5 Main Frontend and Backend Functionalitites	45, 47, 48, 61, 63, 64	24	21			
	6 Mid Term Release & Testing	65, 62, 79, 81, 83, 82	21				
	- I I I I I I I I I I I I I I I I I I I	00, 01, 10, 01, 00, 01					
Total			106		83		
		Burn-down Chart					
		60 —					
		40					
		20					
		1 2 3 4 5 6					

AMOS Project 5 - Planning Documents

Final Project Release Plannning

# Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
1 Initial Setup		TOTAL		1)	10	83
	Goal Feature Name Feature Name						
			1		2		
			3		2		
		#2 Team Contract	2		1		
		Meeting with industry partner	2		3		
2 Initial Setups & Research	Understand the project & Implement first requirements from industry partner (Docker)			2	1	18	73
		#12 Define Initial REST-API	5				
			5				
			5		5		
			3		1		
			3		1		
			3		3		
Frontend and Backend Functionalities &							
3 Architecture	Backend Architecture & first WebUI is implemented	WOOD STATE OF THE		18			55
			·				
		#40 ER-Diagram	1		1		
4 First Frontend Technical Breakthrough					,	٥	43
4 First Fromenu Technical Breaktinough	of dolle & working of nontend	#37 Product Vision	1		4	9	43
			1		1		
			1		2		
			5				
5 Main Frontend and Backend Functionalitites	Getting a breakthrough with the main funcionalitites of the software	#45 Cooks View Whiteness Desired!	-	24			34
			-		_		
			-				
		#64 Create "Enter Complexity Data"	3		3		
0 Martin Bullion 6 To 6						40	40
6 Mid Term Release & Testing	the software and continue testing the backend	#65 Create View "Complexity Evaluation"	5	2			16
		#62 Create View "Economic Evaluation"	5		5		
		#79 Testing of "Controller" Folder (Backend)	3		2		
			3		2		
		#81 Testing of Data Transfer Object ("dto") Folder (Backend) #83 Testing of the first half of "Service" Folder (Backend)	3		3		
		#82 Testing of "Exceptions" Folder (Backend)	2		1		
		702 Testing of Exceptions Folder (Subtent)					
7 Defeatation Tests 9 Definement	Code Classics for Developers 9 de lefteres			3.		23	
7 Refactoring, Tests & Refinement	Code Cleanup for Developers & do leftovers	#101 Define custom UI theme	3	3	5		
			13		5		
		#84 Refactor Project Management Backend #99 Connect Product Overview View with Backend	13		3		
			-				
		#131 Fix Edit Mode on Product Overview View	3		2		
		#102 Basic layout for Product Rating View	3		3		
		#130 Refactor Frontend Components	5		3		

AMOS Project 5 - Planning Documents

Final Project Release Plannning

# Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
8 Product Ratings	Implement the possibility to rate the products with scores			4	-	40	
		#103 Fill the Basic Layout of the Product Rating View with Mock Data	2		2		
		#104 Implement Bearing Point Theme	2		2		
		#142 Allignment between front & backend regarding API endpoints and input/output	5		2		
		#149 Code Style in frontend	2		2		
		#148 State management	5				
		#144 Refactor backend	13		13		
		#97 Testing of the second half of the "Controller" Folder (Backend)	5		3		
		#95 Testing of the second half of the "Service" Folder (Backend)	5				
		#98 Connect Manage Project View with Backend	3		3		
		#143 Database Upload of Dummy Data	3		2		
		#110 Catalogue for Scores (Backend)	1		-		
9 Evaluation of results	Implement basis for visualisation of results	#400 Males the Freetieral Cite of the Deadlet Daties View December and Consect it to		4	0	28	
		#109 Make the Functional Site of the Product Rating View Dynamic and Connect it to Backend	5		1	,	
		#176 Define API for Result view	1		3		
		#116 Make the Basic Layout of the Result View to a Functional Site	3				
		#84 Refactor "Score", "ProductAreaController", & "RatingController" functionalities	3				
		dynamically	2				
		#166 Fix disabled testcases with flag (fix)	1				
		#168 Fix disabled testcases with flag (figure out)	3				
		#167 Add disabled testcases with flag (implement)	3				
		#80 Testing of Database ("db") Folder (Backend)	5				
		#174 Get/Fetch Data with backend in product overview	3				
		#171 Setup Basic Charts/Diagrams	3				
		#106 Make the Basic Layout of the Product Rating View to a Functional Site	2				
		#169 Implement Tests for ProjectUserService	3		2		
		#105 Write code documentation for backend	2				
		#173 Review issues in product backlog	2		4		
			2				
	Start with implementation of the core of the software, the	#172 Product Glossary is unclead and definitions are too long	2				
10 Start Visualisation of Results	visualisation of results in different graphs			2	9	23	
		#115 Fill the Basic Layout of the Result View with Mock Data	3	_	3		
		#108 Evaluate project in backend	5		3		
		#195 Connect result figure to product page	2		ì		
		#112 Fill the Basic Layout of the Evaluation View with Mock Data	2				
		#111 Basic layout for Evaluation View	3		3		
		#194 Product view - Update products	3		3		
		#189 Create Question for Komplexitäts- and wirtschaftliche Bewertung	2				
		#190 Enable all API Request for Ratings in frontend	2			•	
		#191 Product area page - Create Products	2)	
		#193 Product area page - Show product variants for products	3				
		#164 Add Actual Values for Progress Bars in Product Overview	2		2		
11 Finish Visualisation	You can see the graphs derived from inserted data	#104 Add Addal Values for 1 Togless Dats III 1 Toddot Overview		2	4	23	
11 I IIIOII VISUAIISAUOII	Tou our occ the graphs derived from moerted data	#206 Add functionality to add variants to already existing products	5		3		
		#204 Change Product constructor so that a new product is linked to all questions	2				
		#113 Make the Basic Layout of the Evaluation View to a Functional Site	1				
		#119 Make the Functional Site of the Evaluation View Dynamic and Connect it to					
		Backend	1				
		#87 Fix auto Id counter in db	3		2		
		#210 Restrict access to backend to frontend msgs (CORS issue)	2				
		#209 Refactore API Definition in yaml File	1				
		#218 Annotate figures	3		3		
		#208 Finish connecting figures to backend	3				
		#205 Redesign product area	3				
	Prepare the Demo Day; Fix last bugs and do leftovers so that the		3				
12 Fine Tuning & Preparation for Demo Day	video can get recorded			2	7	21	
		#124 Prepare Demo Day Video	3		2		
		#222 Fill final mock data in backend for video	2		-		
		#221 Fix NaN sources bug	3		3		
		#225 Interconnect pages	2				
		#223 Input field in rating page updates after every key hit	3		3		
		#220 Fix spelling mistakes in frontend	2				

Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)			
		#227 The great bug hunt	8		-		
		#126 Prepare Demo Day Slides	1				
Code Documentation & Proje	ct Documentation Finishing the project in a clean & documented state		Gesture Gesture Gesture Gesture Real Size (Sprint) Down				
		#235 Finish Final Project Release Plan					
		#245 Finalize user documentation	3		2		
		#246 Finalize technical design document					
		#180 Write comments for test folder (backend)	3		5		
		#107 Write Java Doc for frontend	3		3		
		#248 Product Area Bug	3		3		
2-1	Mid Trans						
Release	Mid Term						
No. Sprints	6 .						
Due Date	02.12.2021						
Sprint	Sprint Theme	User Stories	Est. Size	Est. Burndown	Real Size	Real Burndown	
	0			106			
	1 Initial Setup	3,2,1	10	96	10	73	
	2 More Initial Setups & Research	12, 13, 17, 14, 15, 11					
	3 Frontend and Backend Functionalities & Architecture	36, 34, 30, 32, 41, 42, 40					
	4 First Frontend Technical Breakthrough	37, 38, 59, 44, 46					
	5 Main Frontend and Backend Functionalitites		24	21	18	16	
	6 Mid Term Release & Testing						
	· · · · · · · · · · · · · · · · · · ·						
Total			106		83		
Due Date	10.02.2022						
Sprint	Sprint Theme	User Stories	Est. Size		Real Size		
						101	
	7 Refactoring Tests & Refinement	101 84 99 131 102 130 141	31		23	158	
	7 Refactoring, Tests & Refinement	101, 84, 99, 131, 102, 130, 141 95, 97, 103, 104, 142, 148, 149, 144		189			
	8 Product Ratings	95, 97, 103, 104, 142, 148, 149, 144,	46	189 143	40	118	
	8 Product Ratings 9 Evaluation of results	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172	46 40	189 143 103	40 28	118 90	
	Product Ratings Evaluation of results Start Visualisation of Results	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164	46 40 29	189 143 103 74	40 28 23	118 90 67	
	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205	46 40 29 24	189 143 103 74 50	40 28 23 23	118 90 67 44	
	Product Ratings Evaluation of results Start Visualisation of Results	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Total	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Fotal	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
l'otal	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
「otal	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Total	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Total	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Total	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Total	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	
Fotal	8 Product Ratings 9 Evaluation of results 10 Start Visualisation of Results 11 Finish Visualisation 12 Fine Tuning & Preparation for Demo Day	95, 97, 103, 104, 142, 148, 149, 144, 109, 176, 116, 84, 166, 168, 167, 80, 174, 171, 106, 169, 105, 173, 172 115, 108, 195, 112, 111, 194, 189, 190, 191, 193, 164 206, 204, 113, 119, 87, 210, 209, 218, 208, 205 124, 222, 221, 226, 223, 220, 224, 227, 127, 126 192, 219, 235, 245, 246, 180, 107, 248	46 40 29 24 27	189 143 103 74 50 23	40 28 23 23 21	118 90 67 44 23	

AMOS Project 5 - Planning Documents

Final Project Release Plannning

# Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
				` ,		` ' '	
		0					

AMOS Project 5 - Planning Documents

Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
				All members posted a screenshot of the happiness tool to Slackto verify the
1	Resolved	Maximilian R	Not all members could use the happiness tool	properly used the hapiness tool
1	Resolved	Maximilian R	Late appointment with the industry partner (one day before sprint meeting because of their vacation)	Early communication because they are not on vacation anymore
1	Resolved	Andreas Ronellenfitsch	Chaotic settling-in phase	Defined a working process
1	Resolved	Andreas Ronellenfitsch	Use of designated Slack servers	Definied a Slack server for each topic
2	Resolved	Maximilian R	The feature creation process was a little unstructured	Feature creation process at least 3 days before group meeting
3	Resolved	Maximilian R	External requirements regarding the exact definition of "product" & "product area" was unclear and blocked some tasks	Meeting with Theo on 10.11.2021 solved those terminologies (Glossary)
4	Resolved	Tobi	Code review proces is currently unclear	Was resolved by scrum implicitly
4	Resolved	Ines	Clarification needed on product area definition	See answer from Andreas in slack
4	Resolved	Maximilian R	1 Software Developer (Frontend) dropped out	Splitting the team in fixed frontend and backend teams in the next meeting (18.11)
6	Resolved	Patrick G.	Tickets could not be finished	 - Ivan dropped out -> POs support with smaller development tasks - unforseen complexity as well as sickness of a teammembers - watch for one more week and maybe split tickets into frontend/backend if it's not resolved
6	Resolved	Team	Complexity of frontend tickets still uncertain	- Split frontend tickets further (functional -> fancy different components) - Max is going to support front-end from now on
6	Resolved	Team	Communication between front- and backend	- additional (optional) problem specific meetings to solve issues on monday
7	Resolved	Ines	Changes were not communicated and led to merge conflicts	- Communication before changing something (frontend/backend)
8	Resolved	Max B	Product Glossary is unclead and definitions are too long	- Reworken & shorten the product glossary with at least two persons
8	Resolved	Alex/Tobi	API-endpoint definiton is/was not clear	- Plan Meeting between front- and backend to get a clear definition
9	Resolved	Max R./Tobi	Some issues are based on to old code/ exists to long	- Create smaller issues/ perhaps update old isssues
10	Resolved	Tobi	CORS Config blocked requests to backend	- Make ticket to adress CORS config
11	Resolved	Lily	Some Bugs occured	- Create adressed tickets/ -Click through software and "find" those bugs (manual testing)
12	In-work	Alex	No overview over all dependecies in backend	-Create ticket or is part of documentation tickets
12	In-work	Andreas Ronellenfitsch	Bug while creating project	- Create ticket to solve that
12	In-work	Max R/Max B	Happiness Index does work sometimes	- Won't fix, write email to Riehle

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Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	Approved by product owner	Approved by product owner	Approved by product owner
	Tests have been written (e.g. Unit test, integration test etc)	100% tests passed (Backend)	No critical bugs
	Code has been peer reviewed and approved	No critical bugs	User documentation is written
	No syntax or runtime errors emerged	Merge conflicts solved	75% test coverage (backend)
	Code has to be included in the release candidate	Demo approved by team	Demo approved by team
		Code is deployable using docker	Code is deployable using docker
		Code in a clean state	Approved by business partner
			Code documentation is written
			Build & deployment documentation is written
			Documentation has been peer reviewed

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Documentation

Type	Link / reference
Wiki	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/wiki
Build & Deployment Documentation	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/wiki/Build-&-Deployment-Documentation
Technical Design Documentation	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/wiki/Technical-Design-Documentation
User Documentation	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/wiki/User-Documentation

AMOS Project 5 - Planning Documents

Bill of Materials

Context	Name	Version	License	Comment
1 Backend framework	Spring (Boot)	2.5.6	Apache License, Version 2.0	Used for REST API and microservice architecture
2 Backend JavaScript Runtime Environme	ent Node.js	14.16.0	MIT	https://nodejs.org/en/
3 Backend orchestrator	Docker-Compose	1.29.1	Apache License 2.0	For defining and running multi-container Docker applications
4 Backend programming language	Java	17	Oracle JDK	
5 Backend runtime	Docker Engine	20.10.06	Apache License 2.0	Docker engine is used to run applications in a container
6 Backend Testing	JUnit	5	Eclipse Public License	Unit testing framework for the Java programming language
7 Database	HyperSQL	2.6.2	BSD License	Deployment of database applications
8 Deployment	Github Actions		-	CI/CD Tool for running automated tests, building docker images and deployment.
9 Deployment	Docker CLI	20.10.06	Apache License 2.0	Tool to build containerized applications as docker images.
10 Frontend framework	React	17.0.2	MIT License	UI Framework and handler for the view layer of web and mobile apps. It is a Frontend JavaScript library.
11 Frontend programming language	HTML	5	GNU Project License	Markup language for documents designed to be displayed in a web browser.
12 Frontend programming language	CSS	2.1		Style sheet language used for describing the presentation of a document
13 Frontend programming language	JavaScript	ES2015	GNU Project License	Programming language for Web development
14 Java Runtime	OpenJDK	11.0.11	GNU GPL v2	with linking exception
	<u> </u>			·
	 Backend framework Backend JavaScript Runtime Environme Backend orchestrator Backend programming language 	1 Backend framework Spring (Boot) 2 Backend JavaScript Runtime Environment 3 Backend orchestrator Docker-Compose 4 Backend programming language Java 5 Backend runtime Docker Engine 6 Backend Testing JUnit 7 Database HyperSQL 8 Deployment Github Actions 9 Deployment Docker CLI 10 Frontend framework React 11 Frontend programming language HTML 12 Frontend programming language CSS 13 Frontend programming language JavaScript	1 Backend framework Spring (Boot) 2.5.6 2 Backend JavaScript Runtime Environment Node.js 14.16.0 3 Backend orchestrator Docker-Compose 1.29.1 4 Backend programming language Java 17 5 Backend Tuntime Docker Engine 20.10.06 6 Backend Testing JUnit 5 7 Database HyperSQL 2.6.2 8 Deployment Github Actions 9 Deployment Docker CLI 20.10.06 10 Frontend framework React 17.0.2 11 Frontend programming language HTML 5 12 Frontend programming language CSS 2.1 13 Frontend programming language JavaScript ES2015	1 Backend framework Spring (Boot) 2.5.6 Apache License, Version 2.0 2 Backend JavaScript Runtime Environment Node.js 14.16.0 MIT 3 Backend orchestrator Docker-Compose 1.29.1 Apache License 2.0 4 Backend programming language Java 17 Oracle JDK 5 Backend runtime Docker Engine 20.10.06 Apache License 2.0 6 Backend Testing JUnit 5 Eclipse Public License 7 Database HyperSQL 2.6.2 BSD License 8 Deployment Github Actions 9 Deployment Docker CLI 20.10.06 Apache License 2.0 10 Frontend framework React 17.0.2 MIT License 11 Frontend programming language HTML 5 GNU Project License 12 Frontend programming language CSS 2.1 13 Frontend programming language JavaScript ES2015 GNU Project License

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Planning Poker

Last Name	First Name	Value			
Bartels	Maximilian	5			
Bernhard	Tobias	5	5.00	OK	
Butron Sossa	Ivan Antonio	5	5.00	UK	
Hügerich	Lily	5			
Rodiek	Maximilian	5	0	No size	
Ronellenfitsch	Andreas	5	1	Trivial size	
Vogel	Ines	5	2	Small size	
Werner	Alexander	5	3	Medium size	
			5	Large size	
			8	Very large size	
			13	Too large (size)	