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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		Coach
6	2021-11-25		Yes	Max R & Andreas	Everyone else		Coach
7	2021-12-02	Mid-project release	Yes	Max R & Andreas	Everyone else		Coach
8	2021-12-09			Max R & Andreas	Everyone else		tbd
9	2021-12-16			Max B & Ivan	Everyone else		tbd
10	2022-01-13		Yes	Max B & Ivan	Everyone else		tbd
11	2022-01-20			Max B & Ivan	Everyone else		tbd
12	2022-01-27			Max B & Ivan	Everyone else		tbd
13	2022-02-03		Yes	Max B & Ivan	Everyone else		tbd
14	2022-02-10	Demo day / final release		Max B & Ivan	Everyone else		tbd
15	2022-02-17	Project retrospective due		Max B & Ivan	Everyone else		tbd

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Product Goal

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Product Glossary

Term	Definition
Projekt	Ein Projekt hat ein oder mehrere Produkte; Jedes Projekt hat 1-n Produktbereiche
Produkt	Jedes Produkt (z.B. Dispokredit) kann ein oder mehrere Produktvarianten haben; Produkte werden in Produktbereiche unterteilt
Produktvariante	Beispiele: Sofortdispo, Dispo Fix (Fixer Zinssatz), Dispo Variable (Variabler Zinssatz))
Produktbereiche	Jeder Produktbereich hat 2 Unterkategorien, nämlich den Privatkundenbereich oder den Firmenkundenbereich; Jeder Produktbereich hat 1-n Produkte; <i>Beispiele:</i> Kunde (-> Retail und Corporate), Kredit Firmenkunde & Kredit Privat, Zahlungsverkehr Firmenkunde & Zahlungsverkehr Privat und Wealth Management und Investmentbanking; Unter jedem Produktbereich gibt es n Produkte;
Produktschlüssel	Zaniungsverkeni Frivat und Wealth Management und investinentbanking, Onter jedem Froduktbereich gibt es il Frodukte,
Kundenschlüssel	
Beurteilungskriterium	Kananana - D. bai dan Hatanahaidun wan Kundan arun Tanan
Komplexitätskriterium/-treiber	Kommen z.B. bei der Unterscheidung von Kunden zum Tragen
Kundenbereich	
Paymentbereich	
Kreditbereich	
Piechart (äußerer Ring)	z.B. Unterscheidung von Kundensegmenten (Bei der Apotheker Bank: 20% angestellt Heilberufler; 70% selbständige Heilberufler; 10% Studenten)
Piechart (innerer Ring)	
Piechart (Größe)	Bezieht sich auf die Produktvariante, also: "wie groß ist der Kreis" und "wie viel wird als hellblau, dunkelblau und grün bewertet wird"
Produktbereich Kunde	Produkte IM Produktbereich Kunde wären z.B. 1) Standardsegmente 2) zusätzliche wie z.B. a) Retailkunde mit bis 50k; b) Mittelschichtkunde 50k-150k c) Wealthmanagementkunden mehr als 150k d) High Net Worth Individuals mit mehr als 500k; Zudem soll unterschieden werden zwischen Inlander/Ausländer oder Ehepaare/Alleinständig usw; TROTZDEM MÜSSEN ZUSÄTZLICHE SEGMENTE ERFASSBAR SEIN WIE z.b. BEISPIEL APO-BANK (-> Selbständige; Angestellte; Freiberufler & Studenten) oder Santander Bank (Polo, SUV, Sportwagen)
	z.B. 1) Standardsegmente 2) zusätzliche wie z.B. a) Retailkunde mit bis 50k; b) Mittelschichtkunde 50k-150k c) Wealthmanagementkunden mehr als 150k d) High Net Worth Individuals mit mehr als 500k; Zudem soll unterschieden werden zwischen
Kundensegmente	Inlander/Ausländer oder Ehepaare/Alleinständig usw
Privatkundenbereich	
Firmemkundenbereich	
User/Usermanagement/Berechtigungen	Erster "Bereich" der programmiert werden muss
verschachtelter Fragebogen	Zweiter "Bereich", der Produktbereich, Produkt, Produktvarianten und auf die beiden Kugeln (wirtschafliche Bewertung & Komplexitätsbewertung) abfragt
Anmerkungs/-Dokumentzuordnungsbereich	Zu jeder einzelnen Kategorie muss es möglich sein Anmerkungen und Dokumentzuordnungen hinzuzufügen (z.B. Quelle: Geschäftsbericht 2017; Interview 19.08)
Bewertungen	Im Kern: Hoch, Mittel & gering (als Farben rot, gelb,grün ODER im anderen Diagramm hellblau, dunkelblau, grün); Aber auch Prozentberechnungen (weiteres Treffen hierzu nötig); Die Bewertung erfolgt durch einen Consultant, denn nur er weiß z.B. Mittelständler ist gelb, GmbH ist gelb, oder Verein ist rot; Die Bewertungen (=Fragen) sind für jedes Produkt einer Kategorie gleich, wobei es sein kann das bestimmte Fragen nicht beantwortet werden können
Deweitungen	uas pestiminte Fragen mont peantwortet werden konnen

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Mid-Project Release Tracking

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down

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Final Project Release Planning

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down

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Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
1	Resolved	Maximilian R	Not all members could use the happiness tool	All members posted a screenshot of the happiness tool to Slack
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	In-work	Tobi	Code review proces is currently unclear	Defining a process in the next sprint; Proposal by tobi
4	Resolved	Ines	Clarification needed on product area definition	See answer from Andreas in slack
4	In-work	Maximilian R	1 Software Developer (Frontend) dropped out	Splitting the team in fixed frontend and backend teams in the next meeting (18.11)

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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	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
	Code has to be included in the release candidate	Demo approved by team	Demo approved by team
	50%-60% test coverage	Code is deployable using docker	Code is deployable using docker
		50%-60% test coverage	Approved by business partner
		Code in a clean state	Code documentation is written
			Build & deployment documentation is written
			Documentation has been peer reviewed

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Documentation

Туре	Link / reference
Wiki	https://github.com/amosproj/amos2021ws05-fin-prod-port-quick-check/wiki

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Bill of Materials

1	Context	Name	Version	License	Comment
	REST API	Spring Boot	2.5.6	Apache License, Version 2.0	Used for REST API and microservice architecture
	Deployment	Github Actions		_	CI/CD Tool for running automated tests, building docker images and deployment.
	Deployment	Docker Engine	v20.10	Apache License 2.0	Docker engine is used to run applications in a container
	Deployment	Docker CLI	v20.10	Apache License 2.0	Tool to build containerized applications as docker images.
	Database	HyperSQL	2.6.2	BSD License	Deployment of database applications
	Frontend framework	React	17.0.1	MIT License	UI Framework and handler for the view layer of web and mobile apps

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Planning Poker

Last Name	First Name	Value			
Bartels	Maximilian	5			
Bernhard	Tobias Ivan Antonio	5	5.00	OK	
<b>Butron Sossa</b>		5	5.00		
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)	