


[illegible]

Project Name	NFT the world!
Production system (if any)	https://amosproj.github.io/amos2021ws07-nft-development/
Test system (if any)	...
GitHub repository	https://github.com/amosproj/amos2021ws07-nft-development
GitHub kanban board (project)	https://github.com/amosproj/amos2021ws07-nft-development/projects/1
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/hQImSTVUG0E
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/hQImSTVUG0E
Additional materials	...
Zoom	https://tu-berlin.zoom.us/j/65882617955?pwd=WHJKV3lnN20zNWUvbFMwbHZ0dnNyZz09
Jitsi (fallback)	https://meet.innocampus.tu-berlin.de/amos7
Happiness	https://happy-amos.appspot.com/Project?project=6300169943384064&course=6014071715397632
Slack	https://join.slack.com/t/campus-xuz7131/shared_invite/zt-xqnhb1i9-hzKoRS__LynqkTrq_w8mNA

Goals	We want to learn about agile methods, good team work and practice team work. We want to build a cool open-source piece of software and “valuable” NFTs.
Meeting norms	We meet at least once a week during the project.
	Please excuse yourself when you know that you’ll be missing (like illness, important appointment) otherwise we want to not more than 15min late but on time in the average case. Single lapses or emergencies are permissible.
	We try to reach consensus where possible. As last resort we respect the majority rule for decisions which affect the whole team. Exceptional decisions for individual team members are possible for special circumstances.
Working norms	We participate fairly. It doesn’t mean that everyone is equally fast or performing but that we are willing to invest time like others are.
	We individually contribute to the project to perform for our Credit Points.
	Work is distributed in team meetings together.
	Team work should be a safe space for everyone and allow for clarifying work or personal conflicts or appropriate criticism.
	You may contact Jule as person of trust for non-technical problems and as mediator for anonymous criticism.
	We value quality over quantity, maintainability over many features.
Coordination norms	No one is forced to do something s/he really doesn't want. Volunteers are considered first. If no one is willing to do a task and assignment is needed then democratic allocation.
	We let others say their (valid) opinion and avoid insults, harassment, discrimination due to individual properties like gender, color...
	We don’t expect each other to respond during weekends. We expect responses in 48h within week. We try to answer at least next day.
Communication norms	We use team Channels on Slack for help.
	We confess that nobody is perfect. We accept criticism of ourselves and permit others to correct us.
Consideration norms	We try to clear misunderstanding and create understanding instead of bashing others for disagreement.
	We don’t want to be self-opinionated and give examples rather than just stating to be right.
	There is continuous review of code and our wellbeing by using the “happyness index”. We will use Scrum-related methods to track progress. Coding, Style and review rules and guidelines are respected for the reason of code health and team work. Syntax Formatters will be used if they are needed to ensure style guidelines.
Cont. improvement norms	If someone can’t finish story points over two weeks then we try to find a solution for improvement.
	Workload estimation isn’t perfect. We will tell if work turns out to be more effort than estimated.
Rewards	People will be granted NFTs under applause. 2 Story Points = 1 NFT.
Sanctions	People who clearly violate rules multiple times should either write a poem, do extra work or obtain remaining User stories instead of free choice.
Signatures [optional picture]	I hereby declare to try and be willing to comply with our team contract [required]:
	
	Christoph Ehmendörfer
	Nick Stender
	Berinique Tech

SteFel	Felix Steinkohl
	
	Que
	Dominic Heil
	Jannis Pilgrim

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Release Manager	Scrum Master
1	2021-10-21		Yes	Christoph	Everyone else	N/A	Coach
2	2021-10-28		Yes	Nick	Everyone else	Christoph	Coach
3	2021-11-04		Yes	Nike	Everyone else	Dominic Paul Christian	Coach
4	2021-11-11		Yes	Dominic	Everyone else	Que	Coach
5	2021-11-18		Yes	Christoph	Everyone else	Nikita	Coach
6	2021-11-25		Yes	Nick	Everyone else	Jannis Max	Coach
7	2021-12-02	Mid-project release due	Yes	Christoph	Everyone else	Felix	Coach
8	2021-12-09			Nick	Everyone else	Nick	tbd
9	2021-12-16			Jannis	Everyone else	Berinique	tbd
10	2022-01-13		Yes	Jannis	Everyone else	Christoph	tbd
11	2022-01-20			Jannis	Everyone else	Dominic Paul Christian	tbd
12	2022-01-27			Felix	Everyone else	Que	tbd
13	2022-02-03		Yes	Felix	Everyone else	Nikita	tbd
14	2022-02-10	Demo day / final release		Felix	Everyone else	Jannis Max	tbd
15	2022-02-17	Project retrospective due		Felix	Everyone else	Felix	tbd

Product Vision	Project Mission
<p>NFTs allow for accessible decentralized market power where people can create, collect and trade virtually represented things. NTFs therefore have potential for the worldwide community to empower more people to produce and supply, without profit-making intermediaries. A democratic market would help to reduce big social problems, tremendous inequality and intransparency which arises out of concentrated power. Entities also have the possibility to create their own secondary market to sell own products to enable closer customer relationships.</p> <p>NFTs help simple creators to earn from their work; it improves transparency, trust and can help legal enforcement, without the need for payment processors and banks.</p> <p>Public blockchains with transparent transactions could help to recognize illicit and criminal money flows like corruption and tax robbery schemes.</p> <p>Additionally, NFT markets allow for new products and business models like crypto games or crypto funding and can leverage several benefits of the blockchain technology to reduce (transaction and marketing) costs. It allows for implementing security/protection goals that are useful for practically every digital marketing.</p>	<p>Our project can contribute to the vision by creating a reusable example application which generates valid NFTs and automatizes important steps in order to lower the usability hurdles and improve crucial adoption.</p> <p>As an open source project, the result can be used by others, also for small to medium sized companies, to easily create NFT solutions for their own marketing strategies, sales management or online campaigns for several non- or commercial purposes.</p> <p>A private secondary market mechanism can be supported for a deeper relationship of customers to the owning seller.</p>

[illegible]

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down
0		course organization						
1		setup project & team work						
		getting to know the project vision, mission and work-ready			1		1	
		hello world project		1		1		
2		requirements engineering & tech stack						
		knowing the components of the application			37		24	
		requirements engineering website		5		3		
		choose database		3		1		
		slack channels		1		1		
		frontend technology stack		2		3		
		backend technology stack		3		5		
		smart contract requirements		5		3		
		blockchain technology stack		5		3		
		Frontend Mockup for Join Drop		5		5		
		getting infrastructure		3		x		
		endpoint definition for backend		5		x		
3		first use of technology						
		github integration, wallet creation, blockchain setup, frontend running a mockup with sign in			38		32	
		Website Signup (Backend)		5		8		
		Website Signup (Frontend)		0		2		
		Github Workflow for Backend Linting		2		3		
		Hello World Smart Contract		3		3		
		Design Team Logo		?		?		
		Wallet Creation For Team Members		1		1		
		Frontend Mockup for announcements		5		5		
		Frontend Mockup for NFT market place		5		5		
		deploy server		5		x		
		getting infrastructure		3		x		
		Wallet Connection to Account (frontend)		3		x		
		Wallet Connection to Account (backend)		3		5		
		User Information in Database		3		?		
4		Fundamental Smart Contract and User Logic						
		announcement mechanism, Drop mechanism in smart contract enhanced user management			42		19	
		Drop Time Functionality in smart contracts		5		?		
		random NFT assignment smart contract		8		8		
		Nuremburg NFT image creation		3		5		
		team assignment of a user (backend)		5		3		

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down
			team assignment of a user (frontend)	5		?		
			getting infrastructure	3		3		
			Deploy Server	5		x		
			announcement database backend endpoint	8		x		
5	Website design							
		announcements, smart contract usability enhancements						
		design implementation part 1			54		3	
			NFT purchase limit	3		?		
			Branding & Color Scheme	3		?		
			Github workflow for automatically deployed testing	13				
			Human-readable Drop Time format	2		x		
			Removal of sensitive data from Github	3		3		
			Deploy Server	5		x		
			Wallet Connection to Account (frontend)	3		?		
			Design implementation landing page	3		x		
			Design implementation mockup password/login pages	3		?		
			Design implementation for page header and footer	3		?		
			announcement database backend endpoint	8		?		
			announcement creation, modification, display in frontend	5		x		
6	Wallet Connection & Announcements							
		automatic deployment and testing for cloud functions, smart contract requirements						
		design implementation, finish wallet connection & announcements						
7	Reaching the Drop							
		user profile implementation, user purchases, admin triggered drop						

Sprint	Status	Source	Impediment	Resolution
1	Resolved	Nike	Communication - feeling of people pretending to be "superior"	Democratic voting before deciding things Slack: Poll Function Zoom: Reactions
1	Resolved	Nick N	Chaotic in general	Getting used to the process with more time If needed: coaching sessions with Jule
1	In-work	Nick S	Work quite late - finish last minute	Try to start work already at the beginning of the sprint Polls to ask for problems
1	Resolved	Nick S	Double PO role - hard to communicate; no close collaboration	try to improve communication by having meetings previous to talking with industry partner
1	Resolved	Christoph	Not too much experience in communication within teams/ groups	Give clear instructions to other team mates on how you would like the communication - be on time for the meetings
1	Resolved	Dominic	Unstructured Meetings	Prepare Agenda for the meeting - send it out beforehand have a moderator for the meeting
1	Resolved	Dominic	Unnecessary comments during meetings	Focus on essential topics and try to only talk little about "personal issues" to stay in the timeframe
2	Resolved	Nike	Confusion who needs to write features	Next PO has to write new user stories Only POs write user stories and have an extra slack channel with ideas
2	Resolved	Nick N	Information about project status / vision of project and customer opinions	Summary of Industry meeting by PO --> maybe new slack channel?
2	Resolved	Nick S / Felix	Who is responsible for Deliverables?	Second Board on github for project internal things
2	Resolved	Dominic	Everything in general channel	Create new channels in slack for organisation
3	In-work	Dominic / Christoph	Pull requests all over the place - what should be happening in the review phase? How many people?	Creation of Slack Channel Specify guidelines and agree on it democratically
4	In-work	Nike	Review Comments were unclear	Put into guidelines - clear suggestions for the code review
4	In-work	Christoph/Felix	Improvement of branch naming / management	Suggestions and democratic vote on branch structure

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]