AMOS Project 7 - Planning Documents

Project Team

Last Name	First Name	GitHub User Name	Email Address	Prefered Role / Technical Area
Tech	Berinike	BerinikeTech	niketech@web.de	Blockchain / Solidity
Heil	Dominic	dominic-heil	d.heil@campus.tu-berlin.de	CI / CD - React - JS - (Python Backend)
Steinkohl	Felix	steinkohl	steinkohl@campus.tu-berlin.de	CI / CD - Backend (- Frontend)
Stender	Nick	Floinko	stender@campus.tu-berlin.de	Backend
Ehmendörfer	Christoph	krisutofu	christoph.ehmendoerfer@campus.tu-berlin.de	jump in (Backend / Frontend)
Pilgrim	Jannis	NonFT	jannis.pilgrim@gmail.com	Database / Python
Le	Ba Que	tuilagio	b.le@tu-berlin.de	Frontend (React) - Python backend
Naumov	Nik	NickZecamp	nikum@live.se	JS, UI/UX

AMOS Project 7 - Planning Documents

Project Data

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/hQlmSTVUG0E
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-hzKoRSLynqkTrq_w8mNA

AMOS Project 7 - Planning Documents

Role Assignments

#	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	Felix	Coach
7	2021-12-02	Mid-project release due	Yes	Christoph	Everyone else	Jannis Max	Coach
8	2021-12-09			Nick	Everyone else	Nick	Coach
9	2021-12-16			Christoph	Everyone else	Berinike	Coach
10	2022-01-13		Yes	Christoph	Everyone else	Nick	Coach
11	2022-01-20			Nike	Everyone else	Dominic Paul Christian	Coach
12	2022-01-27			Felix	Everyone else	Que	Coach
13	2022-02-03		Yes	Felix	Everyone else	Nikita	Coach
14	2022-02-10	Demo day / final release		Felix	Everyone else	Jannis Max	Coach
15	2022-02-17	Project retrospective due		Felix	Everyone else	Felix	Coach

AMOS Project 7 - Planning Documents

Product Goal

n I	Project Mission
a secure, easier and independent way of making an earning as an r. NTFs therefore have potential for the worldwide community to e people to produce and supply in the digital realm, without profitediaries that cause transaction and marketing costs. Other advantages to tokens can be transparency, trust-safety, decentral storage (not ig institutions) and potentially helpful in legal issues, without the need occessors and banks.	Our project can contribute to the vision by creating a reusable example application which manages NFT Drops and automatizes important steps in order to facilitate earning money with own NFTs. As an open source project, the result can be used by individuals and companies, to easily create and provide NFT sales for their own marketing strategies, metaverses, profit or online campaigns for several non- or commercial purposes. A private secondary market mechanism is supported for a deeper relationship between customers and the market owner.

AMOS Project 7 - Planning Documents

Product Glossary

Term	Definition
Non-fungible Tokens (NFT)	Digital assignment of an owner (wallet) to digitally represented asset, stored in a blockchain. It is an entitlement to sell or use certain asset. It differs from usual crypto currency that every NFT has an individual value.
fungible token	Indicator of financial asset which is used to buy goods/services and is fully interchangeable with other fungible tokens of the same kind
wallet	A digital depot for crypto-asset, NFTs and other crypto currency.
(NFT-)drop	An event where a collection of NFTs first hits the market, become buyable and are delivered to buyers. Pre-drop reservations possible.
(NFT-)drop	Similar to what is a playlist on YouTube but with NFTs.
minting	Process of turning digital asset into a valid valuable NFT.
blockchain	A cryptographically secured append-only database whose history is immutable. This makes it perfect for high-security applications like finance.
Ethereum	Company and the eponymous popular blockchain. It supports NFTs and (fungible) crypto currency.
Ether (ETH)	Cryptocurrency used with Ethereum
Kovan	A Ethereum testnet where ETH are easy and free to get online, but in limited rate of course.
Mainnet	A production blockchain that is used for valuable transactions.
Testnet	A blockchain for testing purposes. Content and currency in the test net do not have real value.
announcement	A News section with title and content which is displayed to visitors of the site.
faucet	Source for obtaining crypto currency, particularly for test currency like the one that is used in Kovan.
Verified partner	User account without admin privileges which can compose and triggger own NFT-drops in the app.
NFT Studio	A page where NFT asset components can be uploaded, sorted into folders, and composed as one NFT for the Drop Workshop. Example: NFT arranged as multiple rectangular panels where each represents a random image from one folder.
Drop Workshop	A page accessible to Admins and verified partners where NFT-drops can be created, deleted, published/announced and triggered.
User Sales	Process for an interested registered user of buying the offer of another registered user
User Resales	Process for a registered user of offering an owned NFT for other registered users to buy
NFT Variety	A feature, theme or (sub)category that is shared among some circulating or dropped NFTs. Example: red nose, christmas, horses,
NFT Rariety	A measure for how common an NFT variety is. Can be an absolute count or relative percentage.
NFT template	The draft that is created in the NFT studio. It is used to generate NFTs when the associated drop is executed.
	A single subpart of an NFT that is filled with a random image and can be contained in multiple NFTs. (Our final NFTs probably will only consist of only one component.)

AMOS Project 7 - Planning Documents

Team Contract

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 weak 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.
Communication norms	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. 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.
Cont. improvement norms	There is continous review of code and our wellbeing by using the "happyness index". We will use Scrum-relaed 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. 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.
SALCOVIO	Topic into sourly relate these manages and a time a poorly as owner northways and stended or not office.
Signatures [optional picture]	I hereby declare to try and be willing to comply with our team contract [required]:
Unistoph Elmandorfa	Christoph Ehmendörfer
·	Nick Stender
	Berinike Tech

AMOS Project 7 - Planning Documents

Team Contract

SteFeI	Felix Steinkohl
Que	Que
	Dominic Heil
	Jannis Pilgrim

AMOS Project 7 - Planning Documents

Mid-Project Release Tracking

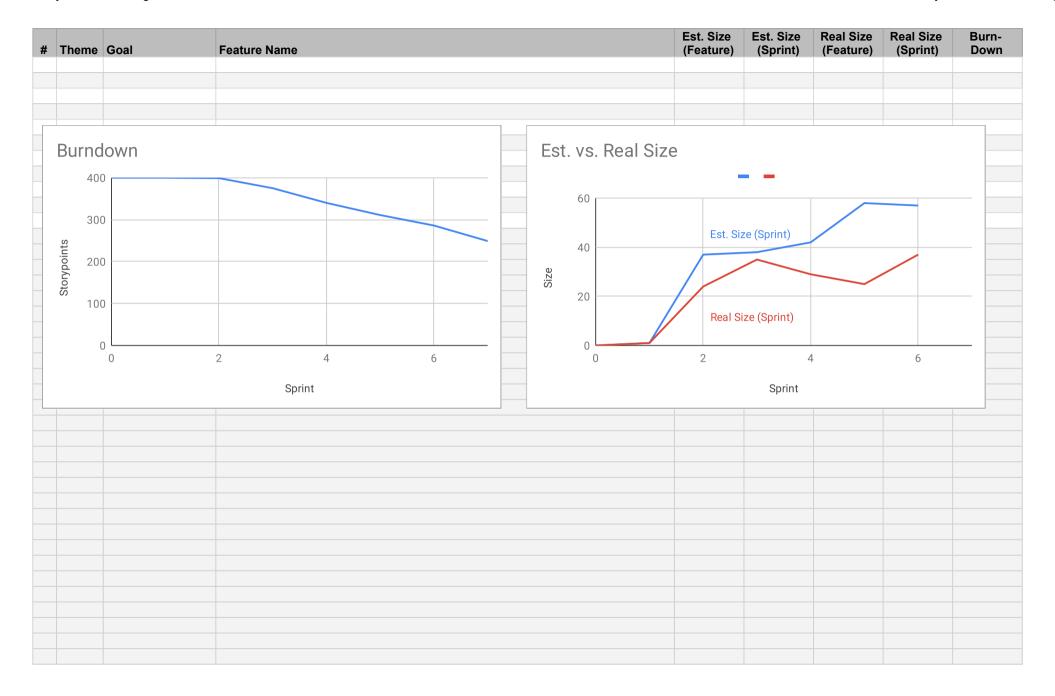
# The	eme Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
0 cou	urse organization		,	0	,	0	400
1 set	tup project & team wor	rk		1		1	400
	getting to know	the project vision, mission and work-ready					
		hello world project	1		1		
2 req	quirements engineering	g & tech stack		37		24	399
	knowing the cor	mponents of the application					
		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 fire	st use of technology			38		35	375
5 1113		on, wallet creation, blockchain setup, frontend		30		33	373
	running a mocki						
	J	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		х		
		getting infrastructure	3		х		
		Wallet Connection to Account (frontend)	3		х		
		Wallet Connection to Account (backend)	3		5		
		User Information in Database	3		3		
4 Fur	ndamental Smart Con			42		29	340
	announcement	mechanism, Drop mechanism in smart contract					
	enhanced user		-		-		
		Drop Time Functionality in smart contracts	5		5		
		random NFT assignment smart contract	8		8		
		Nuremburg NFT image creation	3		5		
		team assignment of a user (backend)	5		3		

AMOS Project 7 - Planning Documents

Mid-Project Release Tracking

#	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	. ,	5	` ' '	
			getting infrastructure	3		3		
			Deploy Server	5		x		
			announcement database backend endpoint	8		x		
5	Website	design			58		25	31 ⁻
		announcemen design implem	ts, smart contract usability enhancements nentation part 1					
			Register and configure domain	1		1		
			NFT purchase limit	3		3		
			Design FAQ	3		3		
			Branding & Color Scheme	3		1		
			Github workflow for automatically deployed testing	13		x		
			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		3	?	
			Design implementation landing page	3		X		
			Design implementation of password/login pages	3		x		
			Design implementation for page header and footer	3		3		
			announcement database backend endpoint	8		8	?	
			announcement creation, modification, display in frontend	5		x		
3	Wallet C	Connection & Ar	nnouncements		57		37	286
			loyment and testing for cloud functions, smart contract requirements nentation, finish wallet connection & announcements					
			Deploy Server	5		5		
			Github workflow for automatically deployed testing	13		x		
			Design implementation mockup password/login pages	3		3		
			Design implementation of FAQ page	3		3		
			Blockchain implementation of multiple NFT drops	5		5		
			Implementation of announcement lists and edit page (frontend)	5		8		
			"Buy NFT" button (frontend)	3		5		
			Access Wallet Asset information from backend	8		x		
			Design mockups for upcoming and owned (bought) NFT-listings	3		3		
			Design mockups for header and footer on mobile devices	3		2		
			Move wallet settings into profile (frontend)	3		3		
			Design implementation of landing page	3		X		
7								249

AMOS Project 7 - Planning Documents



AMOS Project 7 - Planning Documents

Mid-Project Release Tracking

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

AMOS Project 7 - Planning Documents

Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
				Democratic voting before deciding things
			Communication - feeling of people pretending to be	Slack: Poll Function
1	Resolved	Nike	"superior"	Zoom: Reactions
				Getting used to the process with more time
1	Resolved	Nick N	Chaotic in general	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
	III WOIK	THORE	Double PO role - hard to communicate; no close	try to improve communication by having meetings previous
1	Resolved	Nick S	collaboration	to talking with industry partner
			Not too much experience in communication within teams/	Give clear instructions to other team mates on how you
1	Resolved	Christoph	groups	would like the communication - be on time for the meetings
				Prepare Agenda for the meeting - send it out beforehand
1	Resolved	Dominic	Unstructured Meetings	have a moderator for the meeting
				Focus on essential topics and try to only talk little about
1	Resolved	Dominic	Unnecessary comments during meetings	"personal issues" to stay in the timeframe
				Next PO has to write new user stories
2	Resolved	Nike	Confusion who needs to write features	Only POs write user stories and have an extra slack channel with ideas
	resolved	INING	Information about project status / vision of project and	Summary of Industry meeting by PO> maybe new slack
2	Resolved	Nick N	customer opinions	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
			Pull requests all over the place - what should be happening	Creation of Slack Channel
3	Resolved	Dominic / Christoph	in the review phase? How many people?	Specify guidelines and agree on it democratically
4	Resolved	Nike	Review Comments were unclear	Put into guidelines - clear suggestions for the code review
				Suggestions and democratic vote on branch structure
4	Resolved	Christoph/Felix	Improvement of branch naming / management	Include it as user story (PO)
_	Danahaad	Damainia / O	Dull as accepts taken to a lawn. As a lawn of discussions	Accept small deviations from guidelines - give feedback but
	Resolved	Dominic/ Que	Pull requests take too long - too long of discussions	still grant review
5	Resolved	Nike	Waiting for reviews more than 48hrs	Vote in Slack Channel for time limit for review process
5	Resolved	Dominic	We are not up to date about others' status	More regular Stand-up Mails by everyone with longer description
	Resolved	Nick S	Work is not focused on most important things	Focus on tickets and reviews you are assigned to
5	i (C30iVCu	INION	Work is not locused on most important tilings	Should include more "what the commit does" not longer
6	Resolved	Christoph	Commit messages should be improved	than a few sentences
				Make more use of draft pull requests for long stories >>
			Takes long to finish large features - marked as merged	Slack Channel discussion
6	Resolved	Christoph /Dominic	should really by mergeable	Decide specifically on when to draft
6	Resolved	Nick	Issues are too large	Split them into more issues

AMOS Project 7 - Planning Documents

Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
7	In-work	Christoph	Spending too much time on the project - effort is not according to university project	Take less features into the sprint
8	Resolved	Christoph	Need for better meeting notes - people don't know what happened with André	Please make sure that everything is documented as a protocol
8	Resolved	Nick S	Missing reviews	When assigning reviews - assign people to tickets directly
8	Resolved	Nick S	Release Plan	Questions on how to handle open / not planned items
8	Resolved	Dominic	Requirements are increasing while planning more work	Define smaller MVP - what needs to be done for this MVP Collaborate with André
8	Resolved	Que	Concerned about scope of project	Focus on most important features - only on a small MVP
9	Resolved	Nike	Reviews all over the place	When assigning reviews - assign people to tickets directly
10	Resolved	Christoph	Hard to see for PO if sth was merged or not	Link issues to pull requests
11	Unsolvable	Felix	Workload is quite high for PO - "cleaning" in the background	Refactoring and clean-ups during the project / at an earlier stage (Retrospective view) Or delegate work to other team members in case it gets too much
11	In-work	Felix	Communication: sparse documentation	Try to write explaining comments and full on documentation

AMOS Project 7 - Planning Documents

Final Project Release Planning

fire	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
7	Towards		F-Drop	,	44	,	49	249
			ing implementation, proper announcement design, user purchases, admin triggered drop					
			Organize stable server deployment	2		2		
			Github workflow for automatically deployed testing	13		13		
			Design profile mockup	3		5		
			Implement proper design for the current announcements	3		3		
			IPFS URIs for NFT-drop creation	x		x		
			Enable security against fraudulent NFT-drops (blockchain)	3		3		
			Blockchain NFT-Drop Creation with NFT prices	3		3		
			NFT minting process (Blockchain)	5		8		
			Create Drop by URI	1		1		
			Implementation of public view of available-NFT-drop listing (frontend)	5		5		
			Implementation of application header and footer for mobile devices (frontend)	3		3		
			Implementation of landing page design	3		3		
			Access Wallet Asset information from backend	x		x		
8	Reachin	g The Dr	тор		34		19	200
			e distributed randomly to users after drop takes effect. d CI pipeline stands.					
			Design additional list of NFT drops with banner countdown on landing page	3		5		
			Blockchain alternative distribution mechanic for unsold NFTs	5		Х		
			Blockchain buying timespan for reserved NFTs after NFT-drop is executed	5		X		
			Addition of authorized verified partner as team role	1		1		
			Implementation of view of a user's NFT collection	3		x		
			System tests with Cypress for CI	3		5		
			Save and show announcement creator information	2		2		
			Adding the creation of announcement database collection to CI	3		x		
			New NFT Drop Creation	3		X		
			Implement proper Design for Announcements	3		3		
			Create mockups for joinDrop	3		3		

AMOS Project 7 - Planning Documents

Final Project Release Planning

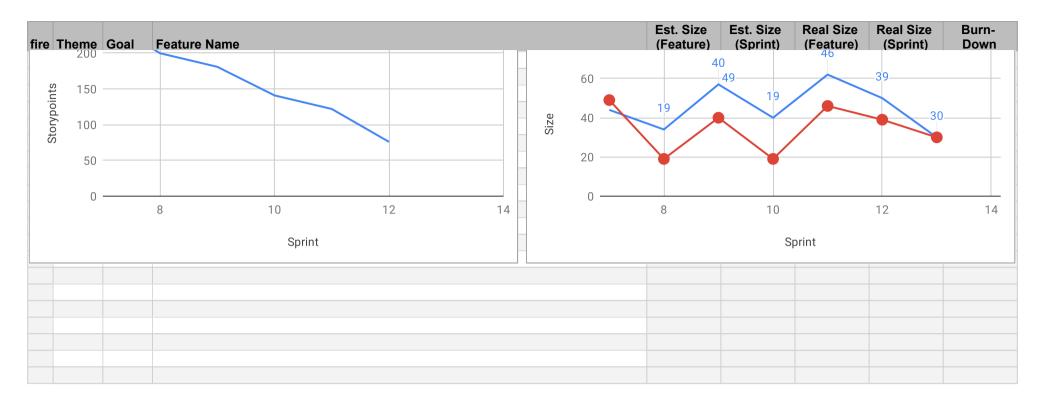
fire	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
			ors encountered!	,	57	,	40	181
		continu Some I	ation of the previous sprint goal. NFTs are only accessible/viewable in this closed market like private-user-NFTs. phase is finished now.					
			Blockchain alternative distribution mechanic for unsold NFTs	5		3		
			Blockchain buying timespan for reserved NFTs after NFT-drop is executed	5		5		
			Implementation of view of a user's NFT collection	3		3		
			Adding the creation of announcement database collection to CI [missing review]	3		X		
			New NFT Drop Creation	3		3		
			Design update for individual NFT's info page	5		3		
			Implementation of user profile (frontend)	5		X		
			Implementation of updated landing page design part 1	8		5		
			Design for the NFT Studio - simple NFT Builder, upload feature, NFT Drop creation	5		8		
			Access constraints for different User roles (frontend) [including verified partners]	2		2		
			Design implementation of NFT drop countdown banner	3		3		
			Smart Contract size reduction for deployment [still needs manual merge]	5		5		
			Storage of NFT drop information in the backend [missed some data access]	5		x		
10	Show m				40		19	141
		NFTs c	an be previewed in individual info page.					
			Design Update for NFT Drop presentation page	3				
			Design Implementation of user profile (frontend)	5				
			Adding the creation of announcement database collection to CI	3				
			Storage of NFT drop information in the backend	5		8		
			Design implementation of NFT info page	5				
			Retrieval of NFT Ownership Data (Blockchain)	5		5		
			Eligibility Check For Token Minting (Blockchain)	3		3		
			Dummy data replacement with real data (updating many dummy implementations)	8				
			IPFS Upload of example images, maybe first image uploading functionality (usable for NFT studio or drop creation)	3		3		
11	Uploadir	ng, plea	se wait.		62		46	122

AMOS Project 7 - Planning Documents

fire Th	neme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
			Upload and use real images for announcements	5		x	, ,	
			Integrate real data to NFT info page	3		3		
			Create script for demo	8		x		
			Change logic of getReservedNFTs	3		3		
			Resolve bug of number of NFTs a user can reserve	2		2		
			Create demo day slide	2		x		
			Add verified partners (blockchain)	5		5		
			Upload example NFT images to IPFS	3		3		
			Add verified partners (frontend)	5		5		
			Update Landing Page Design	3		3		
			Implement mockups designs of NFT info page	5		5		
			Update design of NFT drop presentation page	3		2		
			Implement profile mockups	5		5		
			Integrate real data from database in frontend	8		8		
			Complete Banner Functionality and NFT Filter Functionality	2		2		
12 lm	nproven	nent ar	nd Refactoring		50		39	76
			Create script for demo	8		8		
			Create demo day slide	2		3		
			Upload and use real images for announcements	5		х		
			Dockerize and geralize cronjob	5		х		
			Frontend Test	13		13		
			Write proper questions and answers for our FAQ	3		3		
			Test the application from a user's point of view	3		х		
			Refactor and remove dead code	3		5		
			Create the presentation video	8		8		
			Implement function to get number of reserveredNFTs per person	1		1		
			Improve documentation	3		2		
			Add button for quick access for the user collection	1		1		
			Refactor and remove dead code	3		3		
13 Re	efactori	ing, opt	ional goals		30		30	37

fire Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
	Usabilit Cleanu Optiona Second Provide	/ improvements, fancy addons and design implementation (if time permits). and refactor code for maintenance and allow for easier future development.		, , ,		(1)	
		implement NFT info page history feature (backend)					
		implement NFT info page history feature (frontend)					
		Implementation of user-sales functionality					
		Automatic Announcment of next NFT Drops					
			30		30		
		Design for NFT sale offers to foreign accounts					
		Design mockup for "Drop Workshop" where NFT Drops are created, deleted, published/announced and triggered. (Blockchain interaction)					
		Simple design addition for alternative user registration, e.g. Google,??					
		Design for NFT sale functionality in secondary market					
14	"Resale	ale by people of the "inner circle", i.e. owners and bidders of NFTs from the past with acc button for NFTs, price offer option for buyers (when owner selects it). resale, the original creator obtains a portion of the price.	count.				
		Advanced Design for individual NFT info page including sales history, and additional info (incl. creation)					
		Implementation of "Drop Workshop" design (dismissed as low prio)					
		Implementation of "Drop Workshop" additional functionality (dismissed as low prio)					
Burnd		Est. vs. Real	Size				
250		80 ———			46		

AMOS Project 7 - Planning Documents



AMOS Project 7 - Planning Documents

Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
1	The code is reviewed by at least two people	Release candidate was tagged	User documentation available
2	Every larger component/object/class has a comment/JDoc. Small functions should either be self-explanatory based on the function name or also be commented	Tests for the release candidate were compiled, build and run	Tests for all application critical functions
3	Feature works on the machine of a different team member	Release candidate is deployed to operations environment	
4	Code is in the main branch	Release is tagged with current sprint number	
5	GitHub Cl and checks succeed	Documentation available	
6	[Code coverage, testing?]		

AMOS Project 7 - Planning Documents

Documentation

Type	Link / reference
Requirements Smart Contract	https://docs.google.com/document/d/1S7tHRaEUoF9FJN_28D3lvtelquaD9fRatbvqKY1aE/edit
Software Architecture	https://docs.google.com/document/d/1ta25Bhs-exHCyM281CE_YUDq3FhjdktO6-a7hyEk_kM/edit#heading=h.mpdikrgqtfxb
Server Architecture	https://drive.google.com/drive/u/0/folders/1hSw9R6SqZH5jMlMtA_EySslABxfzBTdA
Website requirements	https://docs.google.com/document/d/1XSkG0V8GKgFLEi4khz0xZapYmKVoykUJ4RExn-6pNFQ
Techstack Frontend	https://docs.google.com/document/d/14XCqHOpMnODqBclcaX0ZpxStfuG5Y1G1mN6UK5PzwNc
Techstack Backend	https://docs.google.com/document/d/1Yrlt-yy85KF359LNd6y0RSpUN8MBhCDcpyzC-geJdtc/edit?usp=sharing
API endpoints for backend	https://github.com/amosproj/amos2021ws07-nft-development/issues/9
Deployment Tech	https://docs.google.com/document/d/1GHmuxU5iK8VqIVWdzi4NaaRJXI9t5dRaCVvw-j-am8U/edit?usp=sharing
Mockups	https://www.figma.com/file/8kdPSVa0kG9BI5xVdLpydr/Untitled?node-id=0%3A1
Review Guidelines	https://docs.google.com/document/d/10FvJq6eY0aQil-MBv8-Md7d4lQxHsAvYcXz1HI5f2cY/edit?usp=sharing
User Manual	

AMOS Project 7 - Planning Documents

Bill of Materials

Context	Name	Version I	License	Comment
1 Frontend framework	React	17.0.2 I	MIT	
2 Frontend library	Material UI (Core)	4.12.3 I	MIT	
3 Frontend library	Material UI Icons	4.11.2	Apache License 2.0	
4 Frontend library	ESLint	7.32.0 I	MIT	
5 Database	MariaDB		GPL, LGPL	Because inclusion in appwrite, Similarity to PostgresDB
6 Backend Framework	Appwrite	0.11.4	MIT	Includes MariaDB
7 Backend Language	Python	3.9 I	PSF, BSD	
8 Map tiles	OpenStreetMap	2.0	CC BY-SA	https://www.openstreetmap.org/copyright
9 Server depolyment	nginx proxy manager	2.9.12 I	MIT	https://github.com/jc21/nginx-proxy-manager
10 Backend - Python init script	pandas	i i	BSD	
11 Backend - Python init script	openpyxl		MIT	

AMOS Project 7 - Planning Documents

Planning Poker

Last Name	First Name				
Tech	Berinike	-			
Heil	Dominic	5	5.00	OK	
Steinkohl	Felix	5	5.00	UN	
Stender	Nick	5			
Ehmendörfer	Christoph	-	0	No size	
Pilgrim	Jannis		1	Trivial size	
Le	Ba Que	5	2	Small size	
Naumov	Nik	5	3	Medium size	
			5	Large size	
			8	Very large size	
			13	Too large (size)	