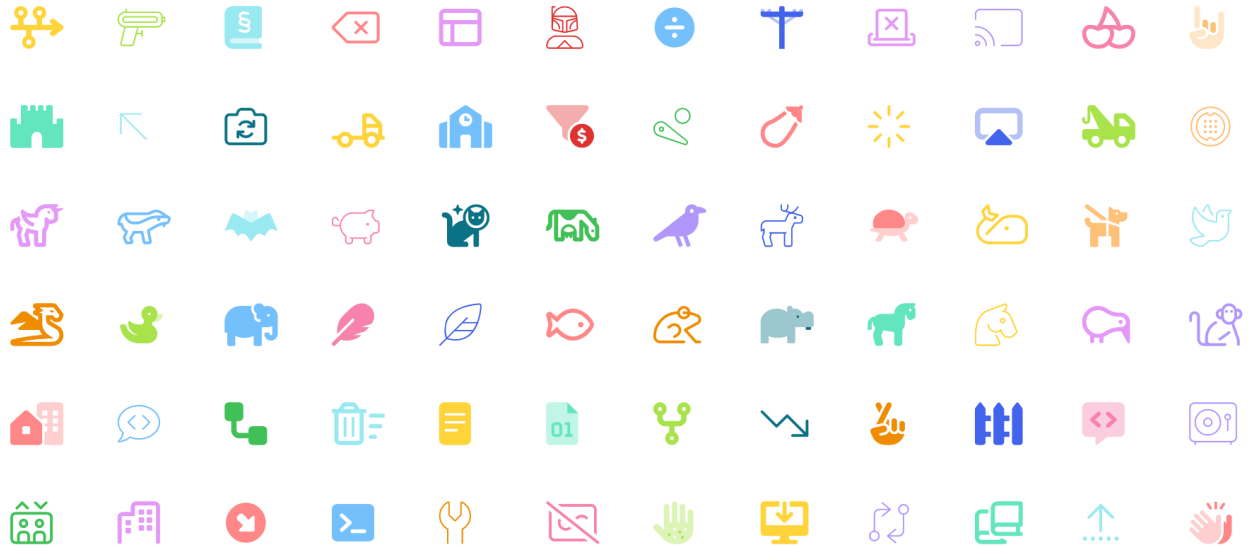


Awesome Wars - Litepaper

A True NFT Game on BSC

Created on 20th of April, 2021



NOTICE AND DISCLAIMER

PLEASE READ THE ENTIRETY OF THIS "NOTICE AND DISCLAIMER" SECTION CAREFULLY. NOTHING HEREIN CONSTITUTES LEGAL, FINANCIAL, BUSINESS, OR TAX ADVICE, AND YOU SHOULD CONSULT YOUR OWN LEGAL, FINANCIAL, TAX, OR OTHER PROFESSIONAL ADVISOR(S) BEFORE ENGAGING IN ANY ACTIVITY IN CONNECTION HERewith. NEITHER AWESOMEWARS.COM, ANY OF THE PROJECT TEAM MEMBERS (THE AWESOME WARS TEAM) WHO HAVE WORKED ON THE AWESOME WARS PLATFORM (AS DEFINED HEREIN) OR PROJECT TO DEVELOP THE AWESOME WARS IN ANY WAY WHATSOEVER, ANY DISTRIBUTOR/VENDOR OF AWESOME WARS TOKENS OR NFTs, NOR ANY SERVICE PROVIDER SHALL BE LIABLE FOR ANY KIND OF DIRECT OR INDIRECT DAMAGE OR LOSS WHATSOEVER WHICH YOU MAY SUFFER IN CONNECTION WITH ACCESSING THIS LITEPAPER, THE WEBSITE AT [HTTPS://AWESOMEWARS.COM/](https://awesomewars.com/) (THE WEBSITE) OR ANY OTHER WEBSITES OR MATERIALS PUBLISHED BY THE AWESOME WARS TEAM.

Project purpose: All contributions will be applied towards advancing, promoting the research, design, and development of, and advocacy for non-fungible tokens (NFTs). Through AW tokens, AW NFTs, and AW NFT ADDONS, you can participate in the AwesomeWars.com platform and obtain services on the ecosystem. The Awesome Wars team and their respective affiliates would develop and contribute to the underlying source code for the platform.

Nature of the Litepaper: The Litepaper and the Website are intended for general informational purposes only and do not constitute a prospectus, an offer document, an offer of securities, a solicitation for investment, or any offer to sell any product, item or asset (whether digital or otherwise). The information herein may not be exhaustive and does not imply any element of a contractual relationship. There is no assurance as to the accuracy or completeness of such information and no representation, warranty or undertaking is or purported to be provided as to the accuracy or completeness of such information. Where the Litepaper or the Website includes information that has been obtained from third party sources, the Awesome Wars team have not independently verified the accuracy or completion of such information. Further, you acknowledge that circumstances may change and that the Litepaper or the Website may become outdated as a result; and the Awesome Wars team is not under any obligation to update or correct this document in connection therewith.

Token and NFT Documentation: Nothing in the Litepaper or the Website constitutes an offer by the Awesome Wars team to sell any tokens or non-fungible token, nor shall it or any part of it nor the fact of its presentation form the basis of, or be relied upon in connection with, any contract or investment decision. Nothing contained in the Litepaper or the Website is or may be relied upon as a promise, representation, or undertaking as to the future performance of the Awesome Wars platform. The agreement between Awesome Wars and you, in relation to any sale, purchase, or other distribution or transfer of Awesome Wars tokens or NFTs, is governed only by the separate terms and conditions of such agreement. The information set out in the Litepaper, and the Website is for community discussion only and is not legally binding. No person is bound to enter into any contract or binding legal commitment in relation to the acquisition of Awesome Wars tokens or NFTs, and no virtual currency or other forms of payment are to be accepted on the basis of the Litepaper or the Website. The agreement for sale and purchase of Awesome Wars tokens or NFTs and/or continued holding of Awesome Wars tokens or NFTs shall be governed by a separate set of Terms and Conditions or Token Purchase Agreement (as the case may be) setting out the terms of such purchase and/or continued holding of Awesome Wars tokens or NFTs (the Terms and Conditions), which shall be separately provided to you or made available on the Website. The Terms and Conditions must be read together with the Litepaper. In the event of any inconsistencies between the Terms and Conditions and the Litepaper or the Website, the Terms and Conditions shall prevail.

Deemed Representations and Warranties: Concerning the sale of AW tokens, AW NFTs, and AW NFT ADDONS, Awesome Wars is not a financial advisor. By accessing the Litepaper or the Website (or any part thereof), you shall be deemed to represent and warrant to the Awesome Wars team and their respective affiliates: (a) in any decision to purchase any AW tokens, AW NFTs and AW NFT ADDONS, you have shall not rely on any statement set out in the Litepaper or the Website; (b) you will and shall at your own expense ensure compliance with all laws, regulatory requirements and restrictions applicable to you (as the case may be); (c) you acknowledge, understand and agree that AW tokens, AW NFTs and AW NFT ADDONS, may have no value, there is no guarantee

or representation of value or liquidity for AW tokens, AW NFTs and AW NFT ADDONS, and these are not an investment product nor are they intended for any speculative investment whatsoever; (d) none of the Awesome Wars team and their respective affiliates shall be responsible for or liable for the value of AW tokens, AW NFTs and AW NFT ADDONS, the transferability and/or liquidity of AW tokens, AW NFTs and AW NFT ADDONS, and/or the availability of any market for AW tokens, AW NFTs and AW NFT ADDONS, through third parties or otherwise; and (e) you acknowledge, understand and agree that you are not eligible to purchase any AW tokens, AW NFTs and AW NFT ADDONS, if you are a citizen, national, resident (tax or otherwise), domiciliary and/or green card holder of a geographic area or country (i) where it is likely that the sale of AW tokens, AW NFTs and AW NFT ADDONS would be construed as the sale of a security (howsoever named), financial service or investment product and/or (ii) where participation in token sales is prohibited by applicable law, decree, regulation, treaty, or administrative act (including without limitation the United States of America, Canada, New Zealand, People's Republic of China (but not including the special administrative regions of Hong Kong and Macau, and the territory of Taiwan), Thailand, and the Socialist Republic of Vietnam); and to this effect you agree to provide all such identity verification document when requested in order for the relevant checks to be carried out. The Awesome Wars team do not and do not purport to make, and hereby disclaims, all representations, warranties or undertaking to any entity or person (including without limitation warranties as to the accuracy, completeness, timeliness or reliability of the contents of the Litepaper or the Website, or any other materials published by the Awesome Wars team). To the maximum extent permitted by law, the Awesome Wars team and their respective affiliates and service providers shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including, without limitation, any liability arising from default or negligence on the part of any of them, or any loss of revenue, income or profits, and loss of use or data) arising from the use of the Litepaper or the Website, or any other materials published, or its contents (including without limitation any errors or omissions) or otherwise arising in connection with the same. Prospective purchasers of AW tokens, AW NFTs and AW NFT ADDONS should carefully consider and evaluate all risks and uncertainties (including financial and legal risks and uncertainties) associated with the AW tokens, AW NFTs and AW NFT ADDONS sale.

Informational purposes only: The information set out herein is only conceptual and describes the future development goals for the Awesome Wars platform to be developed. In particular, the project roadmap in the Litepaper is being shared to outline some of the plans of the Awesome Wars team and is provided solely for INFORMATIONAL PURPOSES and does not constitute any binding commitment. Please do not rely on this information in making purchasing decisions because, ultimately, the development, release, and timing of any products, features, or functionality remains at the sole discretion of the Awesome Wars team or their respective affiliates and is subject to change. Further, the Litepaper or the Website may be amended or replaced from time to time. There are no obligations to update the Litepaper or the Website or provide recipients with access to any information beyond what is provided herein.

Regulatory approval: No regulatory authority has examined or approved, whether formally or informally, any of the information set out in the Litepaper or the Website. No such action or assurance has been or will be taken under the laws, regulatory requirements, or rules of any jurisdiction. The publication, distribution, or dissemination of the Litepaper or the Website does not imply that the applicable laws, regulatory requirements, or rules have been complied with.

Cautionary Note on forward-looking statements: All statements contained herein, opinions made in press releases or any place accessible by the public, and oral statements that the Awesome Wars team may make, may constitute forward-looking statements (including statements regarding the intent, belief, or current expectations concerning market conditions, business strategy and plans, financial condition, specific provisions, and risk management practices). You are cautioned not to place undue reliance on these forward-looking statements given that these statements involve known and unknown risks, uncertainties, and other factors that may cause the actual future results to be materially different from that described by such forward-looking statements, and no independent third party has reviewed the reasonableness of any such statements or assumptions. These forward-looking statements are applicable only as of the date indicated in the Litepaper. The Awesome Wars team expressly disclaim any responsibility (whether express or implied) to release any revisions to these forward-looking statements reflecting events after such date.

References to companies and platforms: The use of any company and/or platform names or trademarks herein (save for those related to the Awesome Wars team and their respective affiliates) does not imply any affiliation with or endorsement by any third party. References in the Litepaper or the Website to specific companies and platforms are for illustrative purposes only.

English language: The Litepaper and the Website may be translated into a language other than English for reference purposes only. In the event of conflict or ambiguity between the English language version and translated versions of the Litepaper or the Website, the English language versions shall prevail. You acknowledge that you have read and understood the English language version of the Litepaper and the Website.

Copyright and intellectual property: AwesomeWars.com holds a commercial Font Awesome license that allows the use of Font Awesome fonts on the Website. The graphics of Awesome Wars NFTs can be used only on the Website and are not a part of the digital good represented by the Awesome Wars NFT itself, which is limited only to the data stored on the blockchain. Awesome Wars doesn't offer rights to any graphic materials posted on the Website. The owners of AW tokens, AW NFTs, and AW NFT ADDONs do not have any copyright rights related to the graphical material presented on the Website.

No Distribution: No part of the Litepaper or the Website is to be copied, reproduced, distributed or disseminated in any way without the prior written consent of the Awesome Wars team. By attending any presentation on this Litepaper or by accepting any hard or soft copy of the Litepaper, you agree to be bound by the foregoing limitations.

Introduction

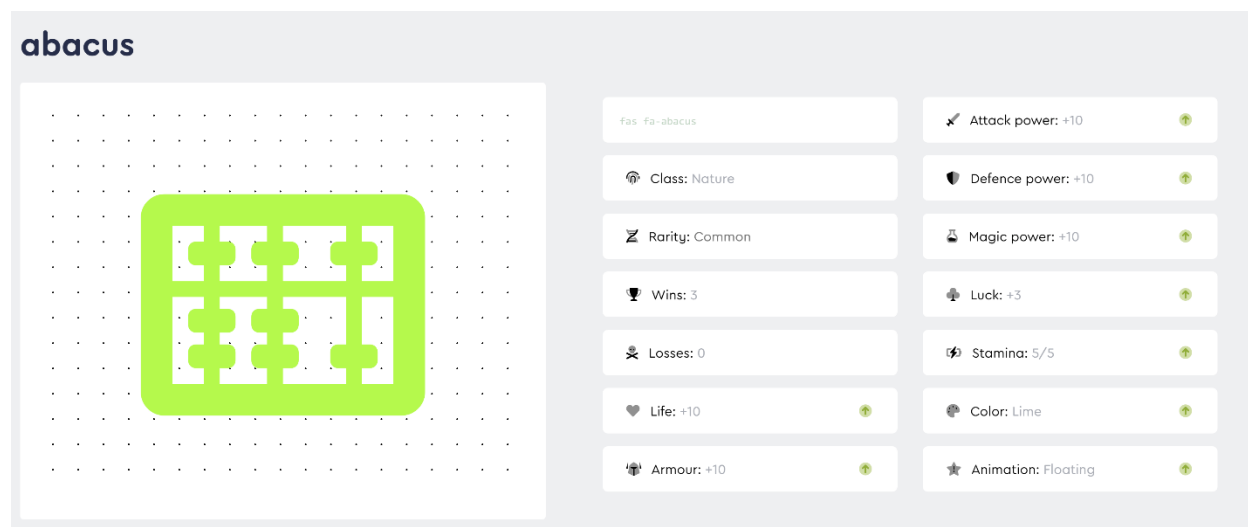
Awesome Wars (<https://awesomewars.com/>) is an on-chain crypto game. It is a collection of 11,925 unique digital icons spread across five styles. By owning an Awesome NFT and by joining fights, you can accumulate AW tokens which can be used to upgrade the stats of the NFT, buy standard addons, increase standard addons level, and swap/offer liquidity on the AW/BNB pool from PancakeSwap.

Awesome Wars is thought as a digital experiment. You are not simply buying a digital good. You are part of a digital movement. Our smart contracts allow you to cater to your NFT, giving you the ability to improve stats and enhance them with addons. Thus, you become one of the creators that shape your property into a timeless work of art, fully integrated into the new digital economy.

Attributes and Classes

Each Awesome NFT comes with several attributes: Life, Armor, Attack, Defense, Magic, Luck, Stamina, Color, and Animation. These attributes are stored on-chain. Thus nobody can delete or edit these, except their rightful owner. Players can upgrade each attribute of their NFTs for a flat price of 10 AW Tokens. AW is a BEP-20 token on which we based the economy of the game. Stamina and color/animation changes cost 100 AW Tokens. We have chosen these values empirically, after making more than 100 in-house tests. These fees can be modified at the request of our community (e.g., they can be increased in later stages of the game).

You can find the details of your NFT directly on its page.



The screenshot displays the 'abacus' NFT details page. On the left, there is a green abacus icon on a grid. On the right, there is a list of attributes and their values:

Attribute	Value	Upgrade Icon
fas fa-abacus		
Class: Nature		
Rarity: Common		
Wins: 3		
Losses: 0		
Life: +10		
Armour: +10		
Attack power: +10		
Defence power: +10		
Magic power: +10		
Luck: +3		
Stamina: 5/5		
Color: Lime		
Animation: Floating		

NFT details page

Awesome Wars NFTs have 5 Classes: Nature, Frost, Shadow, Fire, and Arcane. Each class has a base attribute, as follows:



Classes and main attributes

As you see, classes are symmetric – there is not “best class”, or “worst class”. Base attributes increase the battle points with 10% more than regular ones. That means that if you own e.g., a Fire NFT, it may be worth upgrading its Attack, at least in the beginning, as Attack is the base attribute of Fire.

Rarity

Awesome Wars NFTs have four rarity levels with the following distribution percent:



Four rarity types generated randomly during minting

Each NFT attribute is capped, depending on the rarity of the NFT. Common NFTs have each of their stats limited to level 40. Rare assets are limited to level 50, epics are restricted to level 60, while legendary NFTs can reach level 70. That means that, if you own a Common NFT, you won't be able to upgrade it past level 40, on any of its attributes.

The battle system

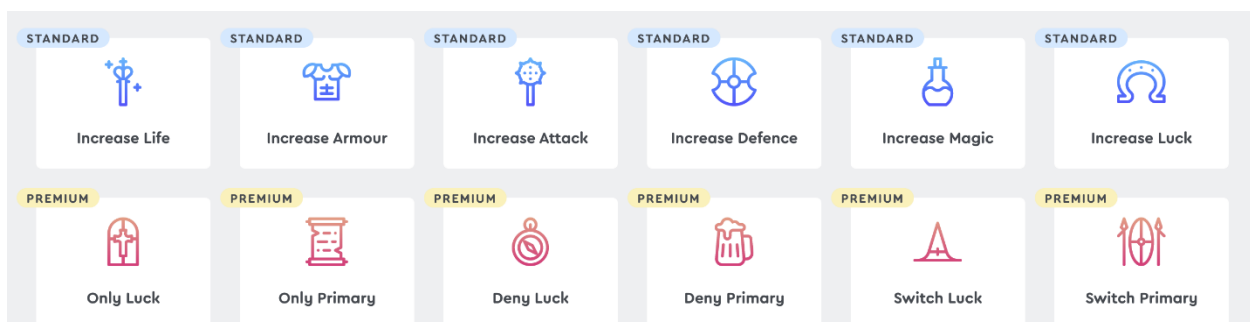
Each Awesome NFT can join daily battles within the limit of its Stamina attribute. An NFT with Stamina 5 can fight five times per day. We've chosen this value after running multiple simulations of the game's mechanics. More initial stamina would have produced a quicker game development. Lower initial stamina, by contrast, would make the initial stage of the game harder.

Stamina can be increased just like any other attribute using the proprietary AW token (but it's capped at level 10, and each increase costs 100AW). Battles are won if an NFT's battle points are higher than his opponent's. As presented previously, base attributes provide a bonus when computing battle points. Here's the formula for computing these:

$$\text{Battle points} = \text{Life} * 10 \text{ (or } * 11 \text{ if Class } \textbf{Nature}) + \text{Armour} * 10 \text{ (or } * 11 \text{ if Class } \textbf{Frost}) + \text{Attack power} * 10 \text{ (or } * 11 \text{ if Class } \textbf{Fire}) + \text{Defence power} * 10 \text{ (or } * 11 \text{ if Class } \textbf{Shadow}) + \text{Magic Power} * 10 \text{ (or } * 11 \text{ if Class } \textbf{Arcane}) + \text{random (1, Luck Power)} * 10 + \text{Min (LP tokens, 50)}$$

Notice that LP tokens offer a battle bonus capped at 50. That means that if you have in your wallet 50 LPs, you will get the maximum out of this bonus. This is important, because it's an easy grab advantage which can be obtained since the beginning of the game. The cap limit is variable – we may change it in later stages of the game. It is also important to hold LP in your wallet, as this helps with passive battles too.

Addons also influence battle points. An Awesome NFT can host only one Standard and only one Premium addon. Addons are NFTs themselves — they can be traded/safeSent just like any other NFT. There are 6 Standard addons and 6 Premium addons that you can use:



Standard and Premium addons

Standard addons can be minted for 20 AW tokens and are upgradable up to level 40 (each level upgrade costs 10 AW tokens). Each standard addon increases only one

attribute of an NFT. For example, if you get an Increase Luck addon and assign it to one of your NFTs, that NFT will have the Luck attribute increased with a value equal to the level of your standard addon. Standard addons are scarce: there will only be **6000 Standard Addons** in the game.

Premium addons cost 0.5 BNB to mint and provide an additional layer of game complexity. A premium addon applies to both NFTs in a battle, with the following priority order: Only Luck Attributes, Only Primary Attributes, Deny Luck Attributes, Deny Primary Bonuses, Switch Luck Attributes, Switch Primary Attributes. So for example, if your NFT has an Only Luck premium addon, and the opponents' NFT has a Deny Luck premium addon, the Only Luck addon would apply in the battle, as it has a higher priority. Only **1000 Premium Addons** will be minted in the game.

AW Token and gas costs

All Awesome Wars NFTs produce 1 AW per day. If not claimed, earnings aren't lost. They accumulate and can be claimed whenever needed, thus saving gas costs.

 Dashboard

 Mint

 Claim

 Enhance

 Fight

Claim AW tokens

Each NFT produces 1AW every day. If not claimed, earnings aren't lost. They accumulate and can be claimed whenever needed.




Claim 1.63 AW tokens from all your NFTs

A single button to claim daily AW tokens from all your NFTs

Speaking of minimizing gas costs, in the fight section, we've also implemented a single button that allows you to consume all the daily fights from all your NFTs (but you can also fight with each individual NFT) — the Full Battle mode. Full battle is worth to be used if you want to fight with all your NFTs, because it minimizes the costs of each individual fight, by minting a single time the quantity won by the initiator, at the end of all battles. If you have multiple NFTs and you want to use this

functionality only on selected ones, the best thing to do is to transfer those special NFTs into a new wallet address, and use that on our site.

 Dashboard

 Mint

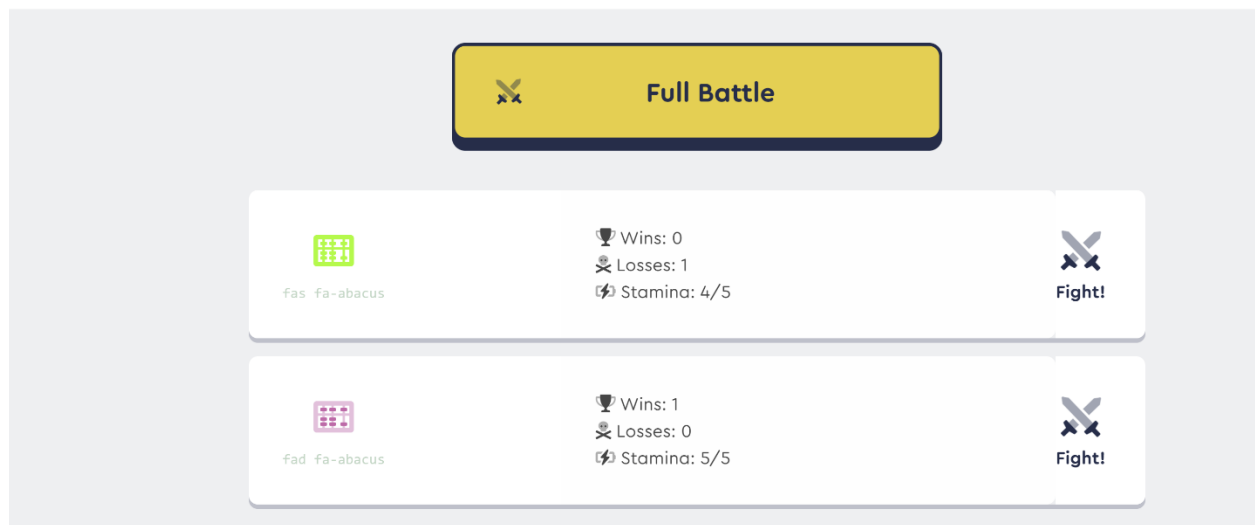
 Claim

 Enhance

 Fight

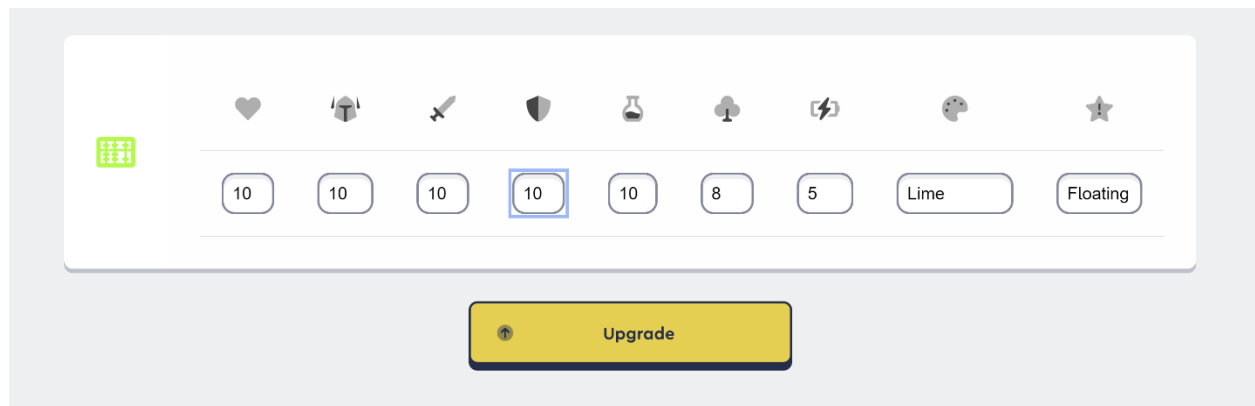
PvP Fight

You can choose to fight with each of your Awesome NFT individually, or you can use the Full Battle button to consume the daily battles of all your NFTs. Battle Points vary based on your Luck attribute. Opponents are chosen randomly.



PvP Fight section

Last but not least, minimizing gas was also taken into account when we built our upgrade functionality. You can upgrade all the stats of an NFT simultaneously (just make sure you have enough AW tokens, or the transaction will estimate a high gas value and fail):



Upgrading multiple attributes at a time

AW tokens are also produced in battles. When you start a battle, you will be randomly matched with an opponent. Whoever has a higher battle points value wins. If your asset wins, your wallet will automatically receive 1 AW. If you lose or the battle results in a draw, you will still be assigned 0.1 AW. Passive fights are those fights where your NFTs are randomly picked to fight with the ones initiating the battles, and they do take into account all bonuses (stats, LP, and addons). That means that your NFTs can get randomly chosen to fight and automatically produce AW. You can check out the latest fights using the Recent fights button located on the main page:


LATEST FIGHTS			
Block #: 6728987	XX	🐉 vs 🐉	Winner: 🐉
Block #: 6729147	XX	👉 vs 🛡️	Winner: 🛡️
Block #: 6729124	XX	👉 vs 📺	Winner: 📺
Block #: 6729114	XX	👉 vs 🟢	Winner: 🟢
Block #: 6729136	XX	👉 vs 🟢	Winner: 🟢
Block #: 6729209	XX	👈 vs 📺	Winner: 📺
Block #: 6729170	XX	👈 vs 📺	Winner: 📺
Block #: 6729191	XX	👈 vs 📺	Winner: 📺
Block #: 6729159	XX	👈 vs 📺	Winner: 📺
Block #: 6729181	XX	👈 vs 📺	Winner: 📺
Block #: 6729063	XX	⚡ vs 📺	Winner: 📺
Block #: 6728999	XX	👉 vs 📺	Winner: 📺
Block #: 6729032	XX	👉 vs 📺	Winner: 📺
Block #: 6729018	XX	👉 vs 📺	Winner: 📺
Block #: 6728994	XX	🐉 vs 📺	Winner: 📺


Recent fights within the last 4h


Recent fights within an interval of 4h are also displayed on each NFT's detail page.

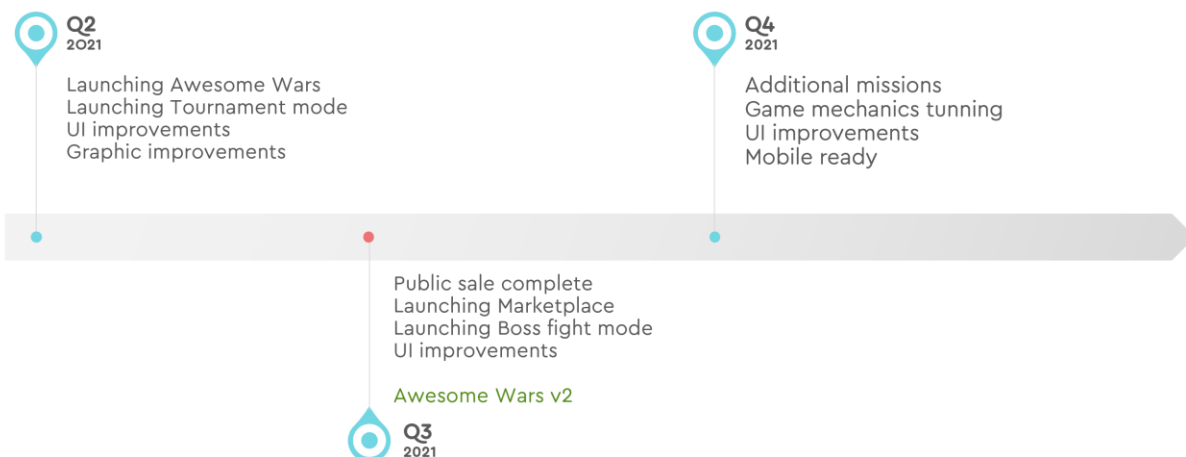
Project Roadmap

In the following weeks, we aim at developing the game in multiple ways.

1.  **UI improvements** – We will try to make the game usable on mobiles. Several players suggested changes such as: bookmarking your favorite NFTs, re-arranging information, changing layouts and artwork, upgrading graphics, implementing "Selected battle" where a checkbox can help you select only the NFTs that you want to use instead of all.

2.  **Proprietary marketplace** – The best place to trade your NFTs will be on our own portal. The system we have in mind is based on offers. This allows you to still use your NFT until you find an acceptable offer. We will also allow players to set an asking price.

3.  **Tournaments and occasional campaigns/missions** – Players will be able to participate with their best NFTs in a variety of events:
- **Tournaments**. Each wallet will be able to select its champion. Based on the result computed in a separate smart contract, using the external battlePoints function, we will be able to calculate the battle points of all NFTs that joined the tournament, and to produce a top. Best NFTs will receive AW prizes, and mentions on our social media channels.
 - **Boss fights**. Multiple NFTs will be able rally and fight powerful bosses. They could be owned by the same wallet, or we could allow multiple wallets.
 - **Missions**. Could be anything from counting most fights in 24h, to most wins or even most losses.



Project roadmap for 2021

