



Jacque Law LLC  
160 Robinson Road  
#21-08 SBF Center  
Singapore 068914

T: +65 6280 7388  
F: +65 6286 2988  
*We do not accept  
service of court  
documents by fax*

Writer's Name : Clarence Guo

Email : clarence.guo@jacquelaw.com

VIA E-MAIL

PRIVILEGED AND CONFIDENTIAL

**DATE:** 21 March 2022  
**TO:** **METAMATE INC. (THE COMPANY)**  
**FROM:** Jacque Law LLC  
**SUBJECT:** Opinion relating to \$MTM

**1. Background and scope of advice**

- 1.1 We refer to the proposed token issuance project (**Issuance**) to be conducted by the Company (and/or its affiliates). We are informed that pursuant to the Issuance, a new digital asset (**\$MTM**) will be generated and distributed, which is intended to be utilised on a platform developed and operated by the Company and/or its affiliates. Further details in relation to the background are set out in Annex A.
- 1.2 We have been instructed to provide this advice solely on the question of whether the design of \$MTM would cause it to be considered:
- (a) a "capital markets product" for the purpose of the Securities and Futures Act (Chapter 289 of Singapore) (the **SFA**);
  - (b) a "digital payment token" under the Payment Services Act 2019 (No. 2 of 2019) (the **PS Act**); or
  - (c) "e-money" under the PS Act.
- 1.3 For the purpose of this advice, we have been provided with the draft token documentation, which is a non-binding document that sets out, *inter alia*, the proposed design of \$MTM to be issued. We are informed that the version of the token documentation which will be finally released will be in substantially the same form as that provided in Annex C. We have relied only on the relevant facts, documents and instructions as informed to us in Annex A and Annex C (and insofar as they are in the English language). We have not considered any other issues, other than that as set out at paragraph 1.2 above, and in particular we will not be aware of the status of any past / future rights or features that may be added to or removed from \$MTM, have also not conducted any independent enquiries or due diligence in respect of the Issuance or the operation of the Company (or its affiliates), and we have not had sight of, and express no opinion whatsoever with respect to any other agreements or documents which are mentioned or referred to in any of the documents. This advice is based on Singapore law as at 9.00 am of the date hereof, is limited to the matters expressly specified herein and must not be read as extending, by implication or otherwise, to any other matter.
- 1.4 We have not examined or expressed any views on, nor will we be deemed to have examined or expressed any views on, any regulatory requirements, restrictions or prohibitions (a) under the laws of any other jurisdictions that may be applicable, (b) in connection with the Company's (or its affiliates') activities, the network/ecosystem, or the circumstances or conduct of the Issuance or the commercial aspects of any of the foregoing, or (c) any other ancillary digital asset, platform token, synthetic token, derivative token, wrapped token, staking token, Mingle Dollars, MM Fragments, digital land, NFT, or asset-backed token such as liquidity provider (LP) tokens, or any fractions thereof, which may be issued/created in connection with the operation

of MetaMate. Where any reference or opinion is related to the foregoing or expressed beyond the jurisdiction of Singapore, we accordingly disclaim reliance thereupon and any obligation arising therefrom, and you are advised to obtain legal advice regarding these issues as applicable. This advice should be read together with the annexes appended hereto, which form an integral part of this advice and will be governed by, and construed in accordance with, Singapore law.

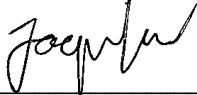
- 1.5 Please also note that our advice does not cover any other areas of law such as tax law, privacy and data protection laws, issues relating to the licensing of information technology, intellectual property, money laundering and countering the financing of terrorism, or regulatory advice (save as mentioned at paragraph 2 below), and we do not assume any responsibility to update this advice after the date hereof.
- 1.6 The views expressed in this advice are solely our views as to the issues expressly dealt with in this advice. Our advice does not constitute an assurance, guarantee or warranty that the Singapore regulatory authorities or Singapore Courts would necessarily agree with the views stated in this advice or that any challenge would not be made or would necessarily fail. This advice is not intended to be used, and cannot be used, for the purpose of avoiding penalties that may be imposed by any applicable law.
- 1.7 Further, it is assumed that (a) \$MTM and MetaMate would meet their description in this advice and in the token documentation, (b) there will be no material variations in \$MTM or MetaMate from their descriptions therein which would affect our advice, (c) all services/products offered on MetaMate (which is still in the development stage and the final features are under review) will not be illegal and the necessary approvals and licences will be held by the Company, its relevant operating entities or affiliates in all applicable jurisdictions as necessary (in particular relating to the sale of tokens from any Singapore entity), (d) the Company will conduct all activities in accordance with good corporate governance principles (e) the Company has conducted the Issuance as described herein, and will not be undertaking any business or activities in Singapore which would result in it requiring to be approved, registered or otherwise regulated by the Monetary Authority of Singapore (the **MAS**) under the SFA or the Payment Services Act, or any other competent authority under any applicable law or regulation, and (f) any notifications that have to be provided to the relevant authorities will be undertaken as required.
- 1.8 As of the date hereof, to our knowledge there has been no court case nor any formal notice published by the MAS which directly address the issues raised in this advice, save for various releases, guidelines and papers. Accordingly, the MAS or a court may reach an alternative conclusion different from the one provided in this advice.

## **2. Advice**

- 2.1 A "utility token" is not a defined term under Singapore law. Solely considering the design of \$MTM as set out in Annex A and Annex C, we are of the view that, in itself, the design of \$MTM:
  - (a) constitutes a digital payment token under the PS Act;
  - (b) does not constitute e-money under the PS Act;
  - (c) does not constitute a "debenture" under the SFA;
  - (d) does not constitute the operation of a collective investment scheme under the SFA; and
  - (e) accordingly would not cause \$MTM to be deemed a "security" or a "capital markets product" for the purpose of the SFA.

- 2.2 Our detailed analysis is set out in Annex B.

Yours sincerely



**JACQUE LAW LLC**

Encl: Annexes A to C

## Annex A

### Background

1. We understand that the Company is working on developing the "MetaMate" platform (**MetaMate**), which is described as a unique social and dating metaverse which combines a digital dating platform with a NFT metaverse.
2. MetaMate offers players a unique experience with exciting casual mini-games, free-to-play and play-to-earn features. It would build a true metaverse where people around the globe can connect, get to know each other, have fun and earn together.
3. MetaMate has a complete ecosystem with Mate Plus - a Web 3.0 product, where the contributors can express thoughts freely, earn rewards from contribution and advertisement; Cross-chain NFT Marketplace and NFT Game Venture. These products are exclusive privileges and made available for access only by \$MTM holders.
4. Players can find other players through an unique Matching mechanic that is similar to dating apps. In MetaMate's Matching and Dating (Co-op) game mode, players can chat in real time and interact with their partner, fill up a Love Meter Bar with their friends to claim NFT Fragments and Love Key.
5. We are informed that \$MTM is designed to have the following functions within the ecosystem:
  - 5.1 \$MTM may only be utilised on MetaMate as the medium of exchange for products/services provided in the ecosystem on MetaMate. It is not intended to be a medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a debt; nor is it designed or intended to be used by any person as payment for any goods or services whatsoever that are not exclusively provided by the issuer. For each exchange of services on MetaMate, the costs are to be quantified in \$MTM and paid to MetaMate and/or the other party providing the service.
  - 5.2 \$MTM would also function as the incentive which would be distributed to encourage users to exert efforts towards contribution and participation in the ecosystem on MetaMate. Further, it is mentioned that additional \$MTM will be awarded to a user based only on its actual usage, activity and efforts made on MetaMate (and/or proportionate to the frequency and volume of transactions), so users of MetaMate and/or holders of \$MTM which did not actively participate will not receive any \$MTM incentives.
  - 5.3 \$MTM has the following specific features:
    - (a) \$MTM is the main platform currency in the MetaMate ecosystem, used to trade NFTs and various products/services or obtain access throughout the economy, e.g. MetaMate Marketplace, NFT Cross-chain Marketplace, NFT Game Venture, Mate Plus - Web 3.0 etc.
    - (b) Users may participate in ecosystem activities in order to earn \$MTM, for example playing games or using platform services to connect with other players. \$MTM is also used for paying rewards (to mods, contributors).
    - (c) MetaMate itself is simply a blockchain protocol that, by design, does not offer any resources for utilisation. As such, to ensure that users receive access to \$MTM so that they may utilise these for platform services and decentralise \$MTM ownership, other users would need to be incentivised to become liquidity providers and stake their digital asset pairs (e.g. (\$MTM/BNB, \$MTM/\$BUSD) into the decentralised market making pools to provide the necessary liquidity for transactions. As compensation for opportunity costs, these liquidity providers which help to promote adoption of MetaMate by staking or including assets to liquidity pools in exchange for LP tokens would be rewarded with \$MTM

(i.e. "mining" on MetaMate), according to each user's relative contribution after various adjustment and correction parameters.

- (d) MetaMate creates a lively, interactive world which provides the community with tools so that they can participate in building a Metaverse world full of user-generated content, and engage with other users for economic activities and services. All transactions will be settled using \$MTM as the native medium of exchange.
  - (e) Players can deposit \$MTM to get in-game currency (Mingle Dollars) that can be used for various in-game features such as buying and sending gifts to other players, buying stamina boosters, buying crafting material, buying energy items, VIP Access and Dating Gold Pass, and speed up workplace upgrades.
  - (f) On the venture platform, Holders may lock their \$MTM for a determined period of time in order to gain access to purchase tokens in private sales for partner projects.
  - (g) As a platform transaction fee, both sellers and renters pay a percentage (4%) of the final sale price in \$MTM at the point of transaction. This fee will then be used for System operating costs, Treasury (User rewards, liquidity provision rewards), and Game Rewards / Events.
- 5.4 \$MTM is not intended to constitute securities in Singapore or any relevant jurisdiction, and will not entitle token holders to any promise of dividends, revenue, fees, profits or investment returns.
  - 5.5 \$MTM is non-refundable and cannot be exchanged with the Company or any affiliate for cash (or its equivalent value in any other digital asset) or any payment obligation by the Company or any affiliate.
  - 5.6 \$MTM does not represent any shareholding, participation, right, title, or interest in the Company or any other company, enterprise or undertaking.
  - 5.7 \$MTM is not for speculative investment, and (although \$MTM may eventually be traded on digital asset exchanges), there is no guarantee or representation of value or liquidity for \$MTM.
  - 5.8 \$MTM is not intended to be a representation of money (including electronic money), security, commodity, bond, debt instrument, unit in a collective investment scheme or any other kind of financial instrument or investment.
  - 5.9 There does not appear to be any buy-back or destruction mechanism planned for \$MTM.
  - 6. MetaMate does not facilitate the transmission of fiat currency on behalf of its users or other third parties, nor does it assist with the conversion of \$MTM to fiat currency.
  - 7. The documents indicate that any conversion of \$MTM to fiat currency will be done on third party digital asset exchanges. It is mentioned that to the extent a secondary market or exchange for trading \$MTM does develop, it would be run and operated wholly independently of the Company (or its affiliates), the distribution of \$MTM and MetaMate. The Company will not create such secondary markets nor will it act as an exchange for \$MTM.
  - 8. \$MTM does not have any tangible or physical manifestation, and does not have any intrinsic value (nor does the Company or any other person make any representation or give any commitment as to its value).
  - 9. The terms and conditions for distribution of \$MTM (including any information or document directly or indirectly linked to the token documentation or the project website or social media channels, and which may be incorporated into said terms and conditions for distribution of \$MTM) are consistent with and would not include any substantive modifications to the foregoing functionality for either \$MTM or MetaMate.

10. We further understand that MetaMate is currently operated outside of Singapore. Prior to the operator extending MetaMate's operations to Singapore, it intends to develop an effective international legal strategy to ensure that MetaMate, its operations and individual product offerings (including any secondary or derivative tokens supported on MetaMate) are in compliance with any Singapore laws or regulations which may be applicable to virtual asset services, including without limitation, licensing in relation to the regulated activities under the SFA, in relation to borrowing from and lending to the public under the Finance Companies Act (Chapter 108 of Singapore), and/or in relation to digital payment token services under the PS Act, so as to mitigate product level risk.

## Annex B

### Analysis

1. There is no specific law or regulation in Singapore that provides specifically for regulation of digital assets or digital tokens as such in relation to Singapore securities law. This has been confirmed in a statement (the **August 2017 Statement**) issued on 1 August 2017 ("MAS clarifies regulatory position on the offer of digital tokens in Singapore") by the MAS.
2. However, this cannot be taken to mean that digital assets and digital tokens are wholly unregulated in Singapore. As noted in the August 2017 Statement, digital tokens have evolved beyond just being a digital token, and depending on the features of a particular digital token, they may be subject to re-characterisation under Singapore's laws and consequently be subject to various regulatory regimes in Singapore, in particular under the SFA.

#### Meaning of "capital markets products" and "securities"

3. The SFA sets out at section 2(1) a definition "capital markets products" as follows:  
  
*" "capital markets products" means any securities, units in a collective investment scheme, derivatives contracts, spot foreign exchange contracts for the purposes of leveraged foreign exchange trading, and such other products as the [MAS] may prescribe as capital markets products;"*
4. Section 2(1) further defines "securities" as follows:  
  
*" "securities" means:*  
  
*(a) shares, units in a business trust or any instrument conferring or representing a legal or beneficial ownership interest in a corporation, partnership or limited liability partnership;*  
  
*(b) debentures; or*  
  
*(c) any other product or class of products as may be prescribed,*  
  
*but does not include:*  
  
*(i) any unit of a collective investment scheme;*  
  
*(ii) any bill of exchange;*  
  
*(iii) any certificate of deposit issued by a bank or finance company, whether situated in Singapore or elsewhere; or*  
  
*(iv) such other product or class of products as may be prescribed."*
5. Pursuant to the Securities and Futures (Prescribed Securities) Regulations 2012, various real estate investment trust (REIT) related securities have also been prescribed as "securities" (which do not appear relevant for the purposes of this advice).
6. The definitions of the terms "shares", "debenture", "derivatives contract" and "collective investment scheme", which are referred to in the definitions of "securities", are relevant for the purpose of this analysis. The other categories of instruments / relationships which would be categorised as securities (and hence capital markets products), such as spot foreign exchange contracts, units in a business trust, or interests in partnerships, are not relevant for the purpose of this analysis and \$MTM would not constitute any of these.

### Meaning of "debenture"

7. Section 2(1) of the SFA provides that:

*"debenture" includes:*

- (a) *any debenture stock, bond, note and any other debt securities issued by or proposed to be issued by a corporation or any other entity, whether constituting a charge or not, on the assets of the issuer;*
- (b) *any debenture stock, bond, note and any other debt securities issued by or proposed to be issued by a trustee-manager of a business trust in its capacity as trustee-manager of the business trust, or a trustee of a real estate investment trust in its capacity as trustee of the real estate investment trust, whether constituting a charge or not, on the assets of the business trust or real estate investment trust; or*
- (c) *such other product or class of products as the Authority may prescribe,*

*but does not include:*

- (i) *a cheque, letter of credit, order for the payment of money or bill of exchange; or*
- (ii) *for the purposes of the application of this definition to a provision of [the SFA] in respect of which any regulations made thereunder provide that the word "debenture" does not include a prescribed document or a document included in a prescribed class of documents, that document or a document included in that class of documents, as the case may be;"*

8. In addition, it should also be noted that under section 239(3) of the SFA, it is stated that:

*"For the purposes of this Division [i.e. Division 1 of Part XIII]:*

- (a) *any invitation to a person to deposit money with or to lend money to an entity shall be deemed to be an offer of debentures of the entity; and*
- (b) *any document that is issued or intended or required to be issued by an entity acknowledging or evidencing or constituting an acknowledgment of the indebtedness of the entity in respect of any money that is or may be deposited with or lent to the entity in response to such an invitation shall be deemed to be a debenture."*

9. Debentures have also been judicially defined to mean a document which either creates a debt or acknowledges it and may include any obligation, covenant, undertaking or guarantee to pay, or any acknowledgement thereof. It is key to note, however, that not all company debts qualify as debentures.

### Meaning of "derivatives contract"

10. Under the SFA, "derivatives contract" means:

- "(a) *any contract or arrangement under which —*
  - (i) *a party to the contract or arrangement is required to, or may be required to, discharge all or any of its obligations under the contract or arrangement at some future time; and*

- (ii) *the value of the contract or arrangement is determined (whether directly or indirectly, or whether wholly or in part) by reference to, is derived from, or varies by reference to, either of the following:*
    - (A) *the value or amount of one or more underlying things;*
    - (B) *fluctuations in the values or amounts of one or more underlying things; or*
- (b) *any contract or arrangement that is, or that belongs to a class of contracts or arrangements that is, prescribed to be a derivatives contract...*"

11. The MAS has, in the Frequently Asked Questions on Product Definitions, mentioned at A7 that: "a derivatives contract falls within the ambit of the [SFA] if its reference asset is a security, a unit in a collective investment scheme ("CIS"), a currency or currency index, an interest rate, a commodity and/or the credit of any person (collectively referred to as "underlying thing"). A derivatives contract whose reference asset is not any of the underlying thing will not be considered a derivatives contract under the [SFA], and thus, any person carrying on business in dealing in such derivatives contracts (e.g. weather derivatives) will not be required to hold a capital markets services licence".

Meaning of "collective investment scheme"

12. At present, the term "collective investment scheme" under the SFA means:

12.1 an arrangement in respect of any property:

- (a) under which the participants do not have day-to-day control over the management of the property, whether or not the participants have the right to be consulted or to give directions in respect of such management;
- (b) under which either or both of the following characteristics are present:
  - (i) the property is managed as a whole by or on behalf of a manager;
  - (ii) the contributions of the participants, and the profits or income out of which payments are to be made to the participants, are pooled; and
- (c) under which either or both of the following characteristics are present:
  - (i) the effect of the arrangement is to enable the participants (whether by acquiring any right, interest, title or benefit in the property or any part of the property or otherwise):
    - (A) to participate in or receive profits, income, or other payments or returns arising from the acquisition, holding, management, disposal, exercise, redemption or expiry of, any right, interest, title or benefit in the property or any part of the property; or
    - (B) to receive sums paid out of such profits, income, or other payments or returns;
  - (ii) the purpose, purported purpose or purported effect of the arrangement is to enable the participants (whether by acquiring any right, interest, title or benefit in the property or any part of the property or otherwise):
    - (A) to participate in or receive profits, income, or other payments or returns arising from the acquisition, holding, management, disposal, exercise, redemption or expiry of, any right, interest, title or benefit in the property or any part of the property; or
    - (B) to receive sums paid out of such profits, income, or other payments or returns,

whether or not: (AA) the arrangement provides for the participants to receive any benefit other than those set out in sub-paragraph 12.1(c)(ii)(A) or 12.1(c)(ii)(B) in the event that the purpose, purported purpose or purported effect is not realised; or (BB) the purpose, purported purpose or purported effect is realised; or



- 12.2 an arrangement which is an arrangement, or is of a class or description of arrangements, specified by the Authority as a collective investment scheme by notice published in the Gazette.
- 13.** The following are not considered collective investment schemes under the SFA (each an Excluded Arrangement):
- 13.1 an arrangement operated by a person otherwise than by way of business;
- 13.2 an arrangement under which each of the participants carries on a business other than investment business and enters into the arrangement solely incidental to that other business;
- 13.3 an arrangement under which each of the participants is a related corporation of the manager;
- 13.4 an arrangement made by or on behalf of an entity solely for the benefit of persons, each of whom is:
- (a) a bona fide director or equivalent person, a former director or equivalent person, a consultant, an adviser, an employee or a former employee of that entity or, where that entity is a corporation, a related corporation of that entity; or
  - (b) a spouse, widow or widower, or a child, adopted child or step-child below the age of 18 years, of such director or equivalent person, former director or equivalent person, employee or former employee;
- 13.5 an arrangement made by or on behalf of 2 or more entities solely for the benefit of persons, each of whom is:
- (a) a bona fide director or equivalent person, a former director or equivalent person, a consultant, an adviser, an employee or a former employee of any of those entities or, where any of those entities is a corporation, a related corporation of the entity which is a corporation; or
  - (b) a spouse, widow or widower, or a child, adopted child or step-child below the age of 18 years, of such director or equivalent person, former director or equivalent person, employee or former employee;
- 13.6 a franchise;
- 13.7 an arrangement under which money received by an advocate and solicitor from his client, whether as a stakeholder or otherwise, acting in his professional capacity in the ordinary course of his practice, or under which money is received by a statutory body as a stakeholder in the carrying out of its statutory functions;
- 13.8 an arrangement made by any co-operative society registered under the Co-operative Societies Act (Chapter 62 of Singapore) in accordance with the objects thereof solely for the benefit of its members;
- 13.9 an arrangement made for the purposes of any chit fund permitted to operate under the Chit Funds Act (Chapter 39 of Singapore);
- 13.10 an arrangement arising out of a life policy within the meaning of the Insurance Act (Chapter 142 of Singapore);
- 13.11 a closed-end fund (see below) constituted either as an entity or a trust;
- 13.12 an arrangement under which the whole amount of each participant's contribution is a deposit as defined in section 4B of the Banking Act (Chapter 19 of Singapore);
- 13.13 an arrangement of which —

- (a) the predominant purpose is to enable the participants to share in the use or enjoyment of the property or to make its use or enjoyment available gratuitously to others; and
- (b) the property does not consist of any of the following:
  - (i) any currency of any country or territory;
  - (ii) any capital markets products;
  - (iii) any policy as defined in the First Schedule to the Insurance Act (Chapter 142 of Singapore);
  - (iv) any deposit as defined in section 4B of the Banking Act (Chapter 19 of Singapore);
  - (v) any credit facilities as defined in section 2(1) of the Banking Act (Chapter 19 of Singapore);

13.14 an arrangement which is an arrangement, or is of a class or description of arrangements, specified by the Authority as not constituting a collective investment scheme by notice published in the Gazette.

14. A "closed-end fund", as referred to above, means an arrangement referred to in sub-paragraphs 12.1 or 12.2 in the definition of "collective investment scheme" in paragraph 12 above, under which units that are issued are exclusively or primarily non-redeemable at the election of the holders of units.

#### Analysis

15. At the outset, it is worthwhile to note that it does not appear to us that the design of \$MTM, in itself (as described in Annex A), results in any stocks or shares in the Company or its affiliates being issued or subscribed for.

16. Besides the statutory provisions, statements made by the MAS in relation to the definitions of "debentures", "collective investment schemes" and "digital tokens" are instructive.

17. In the August 2017 Statement, the MAS observed that:

*"...the function of digital tokens has evolved beyond just being a virtual currency. For example, digital tokens may represent ownership or a security interest over an issuer's assets or property. Such tokens may therefore be considered an offer of shares or units in a collective investment scheme [including under the revised definition of a collective investment scheme proposed in the in the Enhanced Safeguards Consultation Paper] under the SFA. Digital tokens may also represent a debt owed by an issuer and be considered a debenture under the SFA." (emphasis added)*

Further, in "A Guide to Digital Token Offerings" (last updated 26 May 2020) (the **Digital Token Guide**), the MAS has stated that offers or issues of digital tokens may be regulated by the MAS if the digital tokens are capital markets products, citing the following as (non-exhaustive) examples of capital markets products that a digital token may constitute:

- (a) a share, where it confers or represents ownership interest in a corporation, represents liability of the token holder in the corporation, and represents mutual covenants with other token holders in the corporation inter se;
- (b) a debenture, where it constitutes or evidences the indebtedness of the issuer of the digital token in respect of any money that is or may be lent to the issuer by a token holder; or
- (c) a unit in a collective investment scheme, where it represents a right or interest in a collective investment scheme, or an option to acquire a right or interest in a CIS.

18. In the "Consultation Paper on Proposals to Enhance Regulatory Safeguards for Investors in the Capital Markets" issued by the MAS dated 21 July 2014 (the **Enhanced Safeguards Consultation Paper**), the MAS described debentures as:

*"2.1 Debentures are debt securities regulated under the SFA. Broadly, debentures are instruments representing indebtedness. These are capital-raising instruments, under which the debenture issuer offers to pay interest in lieu of money borrowed for a certain period. These may be:*

*(i) unsecured – backed by general creditworthiness of the debenture issuer; or*

*(ii) secured – backed by assets, which the debenture holder would have legal claim to if the issuer defaults on its payment obligations under the debenture. Examples include asset-backed securities and collateralised debt obligations." (emphasis added).*

19. In the Enhanced Safeguards Consultation Paper, the MAS contrasted debentures with buy-back arrangements, in particular, of non-financial assets, which are considered normal economic transactions, entered into in the ordinary course of business, examples of which include arrangements allowing consumers to trade-in products after use for a portion of the initial purchase price, or where the purchaser has the right to sell the product back to the seller at the prevailing market price in future.

20. The above was in the context of the (then proposed) regulation of buy-back arrangements involving precious metals (gold, silver and platinum). In its September 2015 response to the Enhanced Safeguards Consultation Paper, the MAS announced that the regulatory regime for debentures under the SFA (and Financial Advisers Act, Cap 110) would extend to arrangements which display the following characteristics as debentures:

- 20.1 Buy-back structure – Party A purchases gold, silver or platinum ("**precious metal**") from Party B for an agreed sum of money or money's worth, with Party B being under an obligation to re-purchase the precious metal back from Party A at a future time; and

- 20.2 Debenture effect – The purpose or effect of the arrangement is to enable Party A to receive a "financial benefit" from Party B. The main risk that Party A is exposed to is the credit risk of Party B, and not fluctuations in market value of the asset.

21. As to the requirement and interpretation of "financial benefit", it was stated in the Enhanced Safeguards Consultation Paper that the "right to receipt of a financial benefit must be agreed upon at the point in time that the parties enter into the arrangement, although the actual amount received may vary according to pre-determined factors [including where the pre-determined factors move against Party A such that at the end of the transaction, Party A is in a net financial loss position]" (emphasis added). Examples provided by the MAS of commercial transactions where there would not be deemed to be a financial benefit would include trading contracts, storage contracts, consignment arrangements and sale and lease-back arrangements, whereas there would be a financial benefit where the effective re-purchase price that Party B agreed to pay for buy-back at the time the arrangement is entered into is higher than the initial purchase price that Party A paid for the asset.

22. The SFA refers to section 4(1) of the Companies Act (Chapter 50 of Singapore) in its definition of "share", namely being "share in the share capital of a corporation and includes stock except where a distinction between stocks and shares is expressed or implied". Typically, a share may be understood as a chose in action that gives its owner, the shareholder, a bundle of rights against the company that issued said share, and one of the most fundamental rights is the right to vote in affairs of the company. It has also been judicially noted that "a share is the interest of a shareholder in the company measured by a sum of money, for the purpose of liability in the first place, and of interest in the second, but also consisting of a series of mutual covenants entered into by all the shareholders inter se in accordance with s 16 of the Companies Act, 1862. The contract contained in the articles of association is one of the original incidents of the share. A share is not a sum of money settled in the way suggested, but is an interest measured

by a sum of money and made up of various rights contained in the contract, including the right to a sum of money of a more or less amount."

23. In this regard, it is expressly stated that \$MTM does not represent any shareholding, participation, right, title, or interest in the Company or any other company, enterprise or undertaking. Once issued, it does not appear that holders of \$MTM incur any liability to the Company (or any other company, enterprise or undertaking), nor do they enter into mutual covenants, or agree to rights and obligations, with other \$MTM holders inter se. Consequently, it is unlikely that there would be any dealing in "securities" in the form of stocks or shares arising solely out of the design of \$MTM in itself.
24. As to whether \$MTM may be considered to be a debenture, \$MTM does not appear to be a "debenture" under the SFA for the following reasons:
- 24.1 in order for an instrument to be deemed a debenture some element of indebtedness is required, but this is not present in the material provided for review;
- 24.2 \$MTM is non-refundable and \$MTM cannot be exchanged for cash (or its equivalent value in any other digital asset) or any payment obligation by the Company or any affiliate;
- 24.3 \$MTM is not a loan to the Company or any of its affiliates and there is no expectation of profit;
- 24.4 \$MTM is not intended to represent a debt owed by the Company or any of its affiliates (and in this regard there does not appear to be any payment obligation on the part of the issuer, payment of coupon and/or invitation to deposit money with or to lend money to the Company or any of its affiliates);
- 24.5 \$MTM may have no value and there is no guarantee or representation of value or liquidity for \$MTM; and
- 24.6 \$MTM may only be utilised on MetaMate as a medium of exchange for valuable services provided in the ecosystem on MetaMate, and provide economic incentives which will encourage users to contribute to and participate in the ecosystem on MetaMate (e.g. \$MTM will be used to trade NFTs and various products/services or obtain access throughout the economy, or distributed as rewards for liquidity providers / platform users).
25. For completeness, we would mention that \$MTM does not appear to constitute a buy-back arrangement (which inherently carries a higher risk of inviting regulation under Singapore securities laws for the reasons described at paragraphs 19 to 21 above) as \$MTM is non-refundable.
26. From the token documentation provided to us for review, \$MTM does not appear to reference any underlying asset or any underlying thing (but rather it is a useable digital token with certain prescribed functions); accordingly it is also unlikely that \$MTM will be construed as a "derivatives contract".

Analysis of the token issuer's activity under the definition of "collective investment scheme"

27. In relation to collective investment schemes, in the Frequently Asked Questions Specific to Collective Investment Schemes issued by the MAS (the **CIS FAQs**) a collective investment scheme is an arrangement where money from investors is pooled together with a view to deriving profits or income from the scheme. The scheme may invest in all kinds of assets, be they financial, real estate, precious metals or commodities. Whether or not exotic schemes (such as commodity investment schemes and schemes which involve digital assets or some other digital token) fall within the scope of that definition depends on the structure of each scheme. Where money invested in the scheme and profits or income from it are pooled, the scheme would be subject to the MAS' approval process. If a commodity is sold directly and separately to individuals, such sales would not be subject to any regulation. Schemes whose objectives are not to generate profit or income but for consumption (e.g. time-sharing schemes

and memberships in golf or country clubs) would not fall within the regulatory scope of collective investment schemes under the SFA.

In the Enhanced Safeguards Consultation Paper, the MAS further mentioned that it:

*"...has observed a number of arrangements offered to retail investors that fall out of the statutory definition of a CIS [i.e. collective investment scheme], simply by offering investors direct interests in underlying physical assets. This is in spite of an arrangement providing that while investors obtain legal title of the asset, they will cede day-to-day control over management of their property to the scheme operator to be managed collectively with assets of other scheme participants, for the purpose of enabling them to participate in profits of the scheme (collectively-managed investment schemes).*

*The key distinguishing characteristic of such schemes were that investors' contributions are not initially pooled. Apart from this, such collectively-managed investment schemes do not differ from regulated CIS..."*

In this regard, MAS has also announced that the intention is to extend the scope of collective investment schemes to include schemes which are in substance similar to traditional regulated investment funds but do not pool investor's contributions.

28. Under the definition of "collective investment scheme", the "management" limb is an alternative to the "pooling" limb. The two limbs are to be assessed independently of each other, and the absence of the pooling of contributions or profits will not preclude a finding that there is management as a whole. An arrangement would fall outside the scope of regulation if the factual matrix indicates that (a) there is no initial pooling of assets, or (b) there is no expectation of deriving profits or income from the scheme.
29. It should also be noted that the MAS has issued the "Response to Feedback Received – Proposals to Enhance Regulatory Safeguards for Investors in the Capital Markets" dated 22 September 2015 (the **Response to the Enhanced Safeguards Consultation Paper**). This is noteworthy because of its discussion of the meanings of the "management" and "control" limbs found in the definition of "collective investment scheme", which may be summarised as follows:
  - 29.1 in relation to the "management" limb, whether there is management "as a whole" will depend on the investment objectives of the arrangements and the collective or individual nature of the arrangements made in order to produce the intended profits. Indications of whether there is collective management appear to be:
    - (a) whether the scheme operator is likely to look after the essential profit-generating activity under the instructions of, or at least in consultation with, individual owner/investors, or whether it may do so without having regard to individual investors' interests or preferences; and/or
    - (b) whether management on an individual basis is likely to be impracticable – e.g. even where returns are generated from ownership rights to specific property, the returns are generated as a result of the operators' management of activities collectively on the property as a whole;
  - 29.2 in relation to the "control" limb, the MAS is of the view that for investors to be considered as having day-to-day control, they should have direct and on-going power to decide on operational matters relating to management of the scheme property. The greater the extent of reliance on the particular scheme operator's professed expertise in managing the scheme property, the less likely it is that investors have effective day-to-day control. It is also significant that the MAS considers that "if expectations created between the parties in the arrangement are such that investors would not be involved in the day-to-day management of the property, having

contractual rights to be consulted on or to give the manager direction from time to time will **not** be considered as effective day-to-day control" (emphasis added); and

- 29.3 the MAS' intent is to extend capital markets regulatory safeguards to investors in arrangements which are in substance made and managed on a collective basis and hence pose similar risks to investors as traditional collective investment schemes. In particular, the MAS has noted that a number of such schemes previously avoided regulation as a collective investment scheme by offering investors direct legal title to individual assets (i.e. no pooling of investors' contributions). Nonetheless, investors' assets are effectively managed collectively by a third party such that their payoff is the same as the payoff that they would have obtained had their contributions been pooled.
30. From the various pronouncements from the MAS, it appears that the MAS is shifting its focus towards the fundamental purpose of transaction, and this should be analysed in detail. A "utility" token by itself, once issued, with genuine functionality and circulating on its network, would rarely be construed as a "security". In the present case, it does not appear that the design of \$MTM, in itself, would be construed as a collective investment scheme.
31. For the following reasons, the management and control limbs of the definition of a collective investment scheme are not fulfilled:
- 31.1 there are no contributions or funds being "managed" by any party for the purpose of generating returns or other benefits (pooled or otherwise) to be paid to \$MTM holders;
- 31.2 the token documentation states that none of the Company and/or the team members shall be responsible for or liable for the value or liquidity of \$MTM;
- 31.3 we understand that there is no promise by the Company or any of its affiliates to pool, manage any asset and/or return any assets to project participants;
- 31.4 there does not appear to be any economic benefit, beneficial interest or legal title conferred on token holders over any property, and \$MTM will not entitle token holders to any promise of dividends, fees, revenue, profits or investment returns;
- 31.5 the nature of digital tokens is that they are inherently transferable to other parties, and the mere fact (or even any hope) that \$MTM may be resold at a price that is potentially higher than the original purchase price does not change the fact that the intention and goal of the token distribution is so that \$MTM can be utilised by users. The MAS has also acknowledged in the Digital Token Guide that the ability for a digital token to be traded on the secondary market alone does not result in a digital token being construed as capital markets products under the SFA. In this regard, users are required to acknowledge that they are acquiring \$MTM to participate in MetaMate and to obtain services on the ecosystem thereon;
- 31.6 holders of \$MTM have control over how to manage their \$MTM held, whether for participation in MetaMate and acquiring various services/products thereon, or by selling or trading \$MTM in a secondary market, or even simply holding and doing nothing with their \$MTM;
- 31.7 even if \$MTM holders are able to obtain additional \$MTM, this would not occur through the action or activities of any person or manager, but only through that token holder's participation in the ecosystem on MetaMate;
- 31.8 given that a \$MTM holder is required to perform work each time before being entitled to the \$MTM incentives as described in Annex A, it does not appear to us that the \$MTM incentives would constitute any dividend, profit or investment return; and
- 31.9 further, it is mentioned that users of MetaMate and/or holders of \$MTM which did not actively participate in MetaMate will not receive any \$MTM incentives.
32. Based on our understanding of the token issuer's activities relating solely to the Issuance for \$MTM set out in Annex A, it appears that the element of pooling of contributions and profits,

which is a factor affecting whether an arrangement to fall within the definition of a collective investment scheme, is not present for the following reasons:

- 32.1 there is no promise of any profit or return back to any token holder (i.e. \$MTM is non-refundable and \$MTM cannot be exchanged for cash or any payment obligation); and
- 32.2 notwithstanding the distribution of \$MTM, token holders will have no economic or legal right over or beneficial interest in the assets of the Company or any of its affiliates after the token distribution.
- 33. There is a potential residual risk that pursuant to the powers granted under section 2(1)(h) of the SFA, the MAS may prescribe digital assets / digital tokens to be "securities" for the purpose of the SFA. However, we would mention that as at the date hereof, there is no indication that the MAS intends to exercise its power to make such a declaration. Public statements released by the MAS have indicated that it would avoid taking such a broad-brush approach towards the regulation of digital assets / digital tokens.
- 34. The key characteristic of a closed-end fund is that units in such a collective investment scheme are not redeemable at the option of the investor. Closed-end funds typically take the form of investments in the shares of an investment company (such that the investor may not realise its investment until the shares have been redeemed) – for such closed-end funds though, because shares of a company are involved, this may trigger prospectus requirements under the SFA's regime in respect of offers of shares or debentures. One further important requirement is that the closed-end fund must be constituted as an entity or trust in order to qualify as an Excluded Arrangement.
- 35. It is unlikely that the investment arrangement offered (if applicable) may be deemed to be a closed-end fund because in the first place, for the reasons set out above, it is not likely that the design of \$MTM, in itself, will be considered the operation of a collective investment scheme.
- 36. Considering the factors in their entirety, our view is that the design of \$MTM (as set out in Annex A), in itself, would not be considered the operation of a collective investment scheme, the management of which, or dealing of interests in which, would trigger an obligation to obtain a CMS licence.

Conclusion as to whether \$MTM would constitute a security under the SFA

- 37. Further, we set out below certain characteristics displayed by financial products which would satisfy the definition of "securities":
  - 37.1 the product provides the holder with ownership interest in a legal entity such as a private limited company or an unincorporated body such as a limited liability partnership;
  - 37.2 the product provides the holder with a payment of interest;
  - 37.3 the product provides the holder with an interest in underlying securities (including equity, shares or debentures);
  - 37.4 the product provides the holder with a direct or indirect exposure to underlying profits and/or losses, or assets and/or liabilities;
  - 37.5 the issuer (or any related company) has a legal obligation to repay the holder for his purchase of the product or the holder has a legal right to sell the product to the issuer (or any related company), such that the holder may potentially receive a "financial benefit"; or
  - 37.6 the product has a feature that allows the holder to convert a product into another token with characteristics set out above or otherwise grants the holder an option to purchase securities.

From the information provided to us, \$MTM does not appear to exhibit any of these characteristics described in this paragraph 37.

38. For the various reasons set out above in this Annex B, the design of \$MTM would, on balance, not cause \$MTM to be deemed a "security" under section 2(1) of the SFA.

#### Exemptions under the SFA

39. For completeness, we now turn to consider the various exemptions to CMS licensing available under the SFA.
40. While there is a general exemption available to financial institutions (e.g. banks) that are regulated by the MAS, specific exemptions also apply to certain categories of persons carrying on business in regulated activities.
41. Based on our understanding of the design of \$MTM (even if the Company or its affiliates were considered to be operating a collective investment scheme) the relevant entities at present would not qualify for any of these exemptions. In the context of an Issuance, the Company is unlikely to engage a financial institution to handle the Issuance and we understand that the Company has no plans to do so. Further, we believe that any such exemptions are not practical in the context of token distributions.
42. Presently, there are no specific exemptions or exclusions under the SFA for activities relating to digital assets or for companies dealing with digital assets (except to the extent that such activities do not fall within the scope of any of the regulated activities). It is unclear if any new exemptions will be introduced, but it is likely that it will be some time before such exemptions would come into effect (if at all).

#### Meaning of "digital payment token" and "e-money" under the PS Act

43. For the purpose of this advice, the two important definitions under the PS Act are the definition of "digital payment token" and "e-money". These are alternative categories under the PS Act and depending on its exact characteristics, a digital token may fall under either category (but not both).
44. A "digital payment token" is defined as any digital representation of value (other than an excluded digital representation of value) that:
- 44.1 is expressed as a unit;
  - 44.2 is not denominated in any currency, and is not pegged by its issuer to any currency;
  - 44.3 is, or is intended to be, a medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a debt;
  - 44.4 can be transferred, stored or traded electronically; and
  - 44.5 satisfies such other characteristics as the MAS may prescribe.
45. On the other hand, "e-money" is further defined as any electronically stored monetary value that:
- 45.1 is denominated in any currency, or pegged by its issuer to any currency;
  - 45.2 has been paid for in advance to enable the making of payment transactions through the use of a payment account;
  - 45.3 is accepted by a person other than its issuer; and
  - 45.4 represents a claim on its issuer,
- but does not include any deposit accepted in Singapore, from any person in Singapore.



Analysis under the definition of "digital payment token" and "e-money"

46. From the above definitions, we can observe that the key distinction between a digital payment token and e-money is that where the monetary value of the electronically stored amount in fiat currency cannot be determined without referring to some form of market mechanism, for example through the trading of the electronically stored monetary value on an exchange, such electronically stored amount is not e-money but may be a digital payment token.
47. It is critical to note that in the "Consultation paper on proposed regulatory approach for derivatives contracts on payment tokens" issued by the MAS dated 20 November 2019 (the **Token Derivatives Consultation Paper**), the MAS described (at Footnote 1) that there are three main types of digital tokens – securities tokens, payment tokens (in particular, the MAS has affirmed that bitcoin and ether are payment tokens) and utility tokens. Payment tokens do not include utility tokens which are used to access a good or service offered by the token issuer only. Further, in the Digital Token Guide, Case Study 1 mentioned that a token which is accepted only on a native platform and is not or is not intended to be, a medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a debt, would not be considered to be a payment token under the PS Act.
48. \$MTM is primarily used as the native token on MetaMate as a medium of exchange for platform interactions, for example to pay for platform fees or incentives for user engagement.
49. \$MTM is not denominated or pegged to any currency, is not paid for in advance to enable the making of payment transactions through the use of any payment account, and does not represent a claim against the issuer.
50. In the Frequently Asked Questions (FAQs) on the Payment Services Act (updated 31 March 2021) (the **PS Act FAQs**), the MAS explained that one important distinction of "e-money" from digital payment tokens is the denomination / pegging aspect. Where the monetary value of the digital token cannot be determined without referring to some form of market mechanism, for example through the trading of the digital token on an exchange, then such digital token would not be viewed as "e-money".
51. Based on the foregoing, it does not appear that \$MTM would constitute "e-money" as there was no monies paid in advance to any issuer of \$MTM, and \$MTM does not represent a claim for any value against any entity. It is indicated that \$MTM is not intended to be a representation of money or electronic money. There is no inherent "value" or guarantee of the monetary value of \$MTM, nor any kind of buyback or repurchase mechanism, so the only way to ascertain the price of \$MTM would be the price that third parties would be willing to purchase it for on the secondary market. Further, \$MTM is non-refundable and cannot be exchanged for cash (or its equivalent value in any other virtual currency) or any payment obligation by the Company or any affiliate.
52. While it appears that \$MTM would satisfy many of the elements for being characterised as a "digital payment token", the critical issue is whether it is a "medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a debt". The term "section of the public" under the PS Act is a fact-sensitive determination, so a group of individuals with a subsisting relationship with the service provider, or a group of individuals selected because of rational characteristics common to them may not be regarded as a section of the public per se. This determination depends on factors such as size of the group, nature of the service offered, and the significance of the particular characteristic that is common. Generally, a group of individuals selected with a certain degree of indiscriminability would likely be regarded as a section of the public. The PS Act FAQs has also provided an example where a token is accessible by individuals who do not subscribe to the services of the issuer, and is used by them as payment for goods and services that are not exclusively provided by the issuer, would be regarded as a medium of exchange accepted by a "section of the public".
53. Notwithstanding that \$MTM is "not intended to be a medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a

debt" outside MetaMate, we understand that it is freely tradeable on various virtual currency exchanges, and may be exchanged and accessed in a peer-to-peer manner by users. \$MTM is not restricted to users of MetaMate, and it does not appear that holders of \$MTM may be characterised by any rational characteristics common to them.

- 54.** We also understand that where \$MTM is distributed as incentives to various actors interacting within the ecosystem; these are not paid to the issuer, but are instead paid to any user within the ecosystem/network which had participated in the ecosystem. In this regard, services within the ecosystem are not exclusively provided by the issuer only, and any user may participate in the provision of services to the end user. Further, once acquired by any party via a secondary exchange or otherwise, \$MTM may be used by the holder in a peer-to-peer manner to pay for any product or service offered by a third party who is unrelated to the issuer (and this is outside the control of the issuer). This is quite distinct from the example raised at Case Study 1 of the Guide to Digital Token Offerings, which indicates that utility tokens are used to access a good or service offered by the token issuer only.
- 55.** In such situation, assuming that the MAS accepts our finding (for the reasons set out at paragraphs 53 and 54 above) that \$MTM is indeed a medium of exchange accepted by the public, or a section of the public, as payment for goods or services or for the discharge of a debt, our conclusion would then accordingly be that \$MTM constitutes a "digital payment token" under the PS Act.

#### Other considerations

- 56.** The MAS has indicated that whilst certain digital tokens may not be within the regulatory purview of the MAS, the issuance of such tokens may nonetheless be subject to other legislation regarding anti-money laundering (AML) and counter-terrorism financing (CTF), and in particular the following:
- 56.1 obligations to report suspicious transactions with the Suspicious Transaction Reporting Office, Commercial Affairs Department of the Singapore Police Force pursuant to the provisions of the Corruption, Drug Trafficking and Other Serious Crimes (Confiscation of Benefits) Act (Chapter 65A of Singapore); and
- 56.2 prohibitions from dealing with or providing financial services to designated individuals and entities pursuant to the Terrorism (Suppression of Financing) Act (Chapter 325 of Singapore), as well as various regulations giving effect to United Nations Security Council Resolutions.
- 57.** Do note that the aforesaid measures and guidelines are not exhaustive. The Company should refer to other relevant MAS Notices and Guidelines to ensure compliance with AML/CTF measures as appropriate.

**Annex C**  
**Documents**

## **LEGAL DISCLAIMER**

PLEASE READ THE ENTIRETY OF THIS "LEGAL 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 METAMATE INC. (THE **COMPANY**), ANY OF THE PROJECT TEAM MEMBERS (THE **METAMATE TEAM**) WHO HAVE WORKED ON METAMATE (AS DEFINED HEREIN) OR PROJECT TO DEVELOP METAMATE IN ANY WAY WHATSOEVER, ANY DISTRIBUTOR/VENDOR OF \$MTM TOKENS (THE **DISTRIBUTOR**), 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 THE PAPER, DECK OR MATERIAL RELATING TO \$MTM (THE **TOKEN DOCUMENTATION**) AVAILABLE ON THE WEBSITE AT [HTTPS://METAMATENFT.COM/](https://metamatenft.com/) (THE **WEBSITE**, INCLUDING ANY SUB-DOMAINS THEREON) OR ANY OTHER WEBSITES OR MATERIALS PUBLISHED BY THE COMPANY.

**Project purpose:** You agree that you are acquiring \$MTM to participate in MetaMate and to obtain services on the ecosystem thereon. The Company, the Distributor and their respective affiliates would develop and contribute to the underlying source code for MetaMate. The Company is acting solely as an arms' length third party in relation to the \$MTM distribution, and not in the capacity as a financial advisor or fiduciary of any person with regard to the distribution of \$MTM.

**Nature of the Token Documentation:** The Token Documentation is a conceptual paper that articulates some of the main design principles and ideas for the creation of a digital token to be known as \$MTM. The Token Documentation 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, any offer to sell any product, item, or asset (whether digital or otherwise), or any offer to engage in business with any external individual or entity provided in said documentation. The information herein may not be exhaustive and does not imply any element of, or solicit in any way, 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 Token Documentation or the Website includes information that has been obtained from third party sources, the Company, the Distributor, their respective affiliates and/or the MetaMate team have not independently verified the accuracy or completeness of such information. Further, you acknowledge that circumstances may change and that the Token Documentation or the Website may become outdated as a result; and neither the Company nor the Distributor is under any obligation to update or correct this document in connection therewith.

**Token Documentation:** Nothing in the Token Documentation or the Website constitutes any offer by the Company, the Distributor, or the MetaMate team to sell any \$MTM (as defined herein) 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 Token Documentation or the Website is or may be relied upon as a promise, representation or undertaking as to the future performance of MetaMate. The agreement between the Distributor (or any third party) and you, in relation to any distribution or transfer of \$MTM, is to be governed only by the separate terms and conditions of such agreement.

The information set out in the Token Documentation 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 \$MTM, and no digital asset or other form of payment is to be accepted on the basis of the Token Documentation or the Website. The agreement for distribution of \$MTM and/or continued holding of \$MTM shall be governed by a separate set of Terms and Conditions or Token Distribution Agreement (as the case may be) setting out the terms of such distribution and/or continued holding of \$MTM (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 Token Documentation. In the event of any inconsistencies between the Terms and Conditions and the Token Documentation or the Website, the Terms and Conditions shall prevail.

**Deemed Representations and Warranties:** By accessing the Token Documentation or the Website (or any part thereof), you shall be deemed to represent and warrant to the Company, the Distributor, their respective affiliates, and the MetaMate team as follows:

- (a) in any decision to acquire any \$MTM, you have not relied on and shall not rely on any statement set out in the Token Documentation 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 \$MTM may have no value, there is no guarantee or representation of value or liquidity for \$MTM, and \$MTM is not an investment product nor is it intended for any speculative investment whatsoever;
- (d) none of the Company, the Distributor, their respective affiliates, and/or the MetaMate team members shall be responsible for or liable for the value of \$MTM, the transferability and/or liquidity of \$MTM and/or the availability of any market for \$MTM through third parties or otherwise; and
- (e) you acknowledge, understand and agree that you are not eligible to participate in the distribution of \$MTM 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 distribution of \$MTM would be construed as the sale of a security (howsoever named), financial service or investment product and/or (ii) where participation in token distributions is prohibited by applicable law, decree, regulation, treaty, or administrative act (including without limitation the United States of America, Canada, and the People's Republic of China); 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 Company, the Distributor and the MetaMate 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 Token Documentation or the Website, or any other materials published by the Company or the Distributor). To the maximum extent permitted by law, the Company, the Distributor, 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 Token Documentation 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 acquirors of \$MTM should carefully consider and evaluate all risks and uncertainties (including financial and legal risks and uncertainties) associated with the distribution of \$MTM, the Company, the Distributor and the MetaMate team.

**\$MTM Token:** \$MTM are designed to be utilised, and that is the goal of the \$MTM distribution. In particular, it is highlighted that \$MTM:

- (a) does not have any tangible or physical manifestation, and does not have any intrinsic value (nor does any person make any representation or give any commitment as to its value);
- (b) is non-refundable and cannot be exchanged for cash (or its equivalent value in any other digital asset) or any payment obligation by the Company, the Distributor or any of their respective affiliates;
- (c) does not represent or confer on the token holder any right of any form with respect to the Company, the Distributor (or any of their respective affiliates), or its revenues or assets, including without limitation any right to receive future dividends, revenue, shares, ownership right or stake, share or security, any voting, distribution, redemption, liquidation, proprietary (including all forms of intellectual property or licence rights), right to receive accounts, financial statements or other financial data, the right to requisition or participate in shareholder meetings, the right to nominate a director, or other financial or legal rights or equivalent rights, or intellectual property rights or any other form of participation in or relating to MetaMate, the Company, the Distributor and/or their service providers;
- (d) is not intended to represent any rights under a contract for differences or under any other contract the purpose or pretended purpose of which is to secure a profit or avoid a loss;
- (e) is not intended to be a representation of money (including electronic money), security, commodity, bond, debt instrument, unit in a collective investment scheme or any other kind of financial instrument or investment;
- (f) is not a loan to the Company, the Distributor or any of their respective affiliates, is not intended to represent a debt owed by the Company, the Distributor or any of their respective affiliates, and there is no expectation of profit; and
- (g) does not provide the token holder with any ownership or other interest in the Company, the Distributor or any of their respective affiliates.

Notwithstanding the \$MTM distribution, users have no economic or legal right over or beneficial interest in the assets of the Company, the Distributor, or any of their affiliates after the token distribution.

To the extent a secondary market or exchange for trading \$MTM does develop, it would be run and operated wholly independently of the Company, the Distributor, the distribution of \$MTM and MetaMate. Neither the

Company nor the Distributor will create such secondary markets nor will either entity act as an exchange for \$MTM.

**Informational purposes only:** The information set out herein is only conceptual, and describes the future development goals for MetaMate to be developed. In particular, the project roadmap in the Token Documentation is being shared in order to outline some of the plans of the MetaMate team, and is provided solely for **INFORMATIONAL PURPOSES** and does not constitute any binding commitment. Please do not rely on this information in deciding whether to participate in the token distribution because ultimately, the development, release, and timing of any products, features or functionality remains at the sole discretion of the Company, the Distributor or their respective affiliates, and is subject to change. Further, the Token Documentation or the Website may be amended or replaced from time to time. There are no obligations to update the Token Documentation or the Website, or to 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 Token Documentation 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 Token Documentation 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, statements made in press releases or in any place accessible by the public and oral statements that may be made by the Company, the Distributor and/or the MetaMate team, may constitute forward-looking statements (including statements regarding the intent, belief or current expectations with respect to 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 Token Documentation, and the Company, the Distributor as well as the MetaMate team expressly disclaim any responsibility (whether express or implied) to release any revisions to these forward-looking statements to reflect events after such date.

**References to companies and platforms:** The use of any company and/or platform names or trademarks herein (save for those which relate to the Company, the Distributor or their respective affiliates) does not imply any affiliation with, or endorsement by, any third party. References in the Token Documentation or the Website to specific companies and platforms are for illustrative purposes only.

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

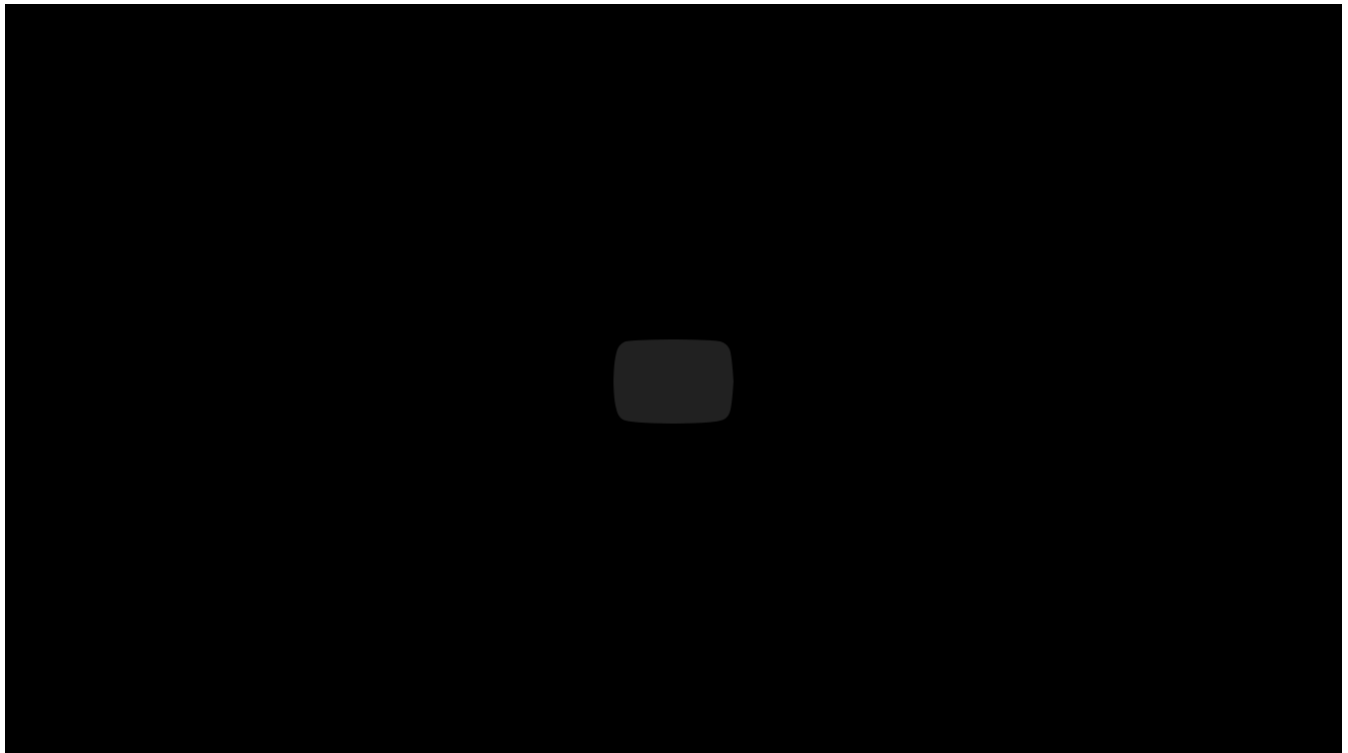
**No Distribution:** No part of the Token Documentation or the Website is to be copied, reproduced, distributed or disseminated in any way without the prior written consent of the Company or the Distributor. By attending any presentation on this Token Documentation or by accepting any hard or soft copy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

# Whitepaper

## Introduction

### Why MetaMate?

Metamate's goal is to build Mingle City - a true metaverse where you can experience an extraordinary and exciting life!



#### METAMATE - A UNIQUE SOCIAL AND DATING METAVERSE

- Being A Unique Social And Dating Metaverse, Metamate project is the pioneer, the first one in combining a digital dating platform with a NFT metaverse.

According to our research, digital dating platforms have been attracting new users and generating tremendous revenue since 2015, and these numbers are constantly and significantly increasing every year. It is projected that the global digital dating platforms will nearly double in 2025 to 6 billion USD. Metamate is expected to take advantage and capitalise on this trend.

Furthermore, as we already know, metaverse has been the dominating trend recently. Mentions of metaverse have been seemingly everywhere, and our project team believes that the expansion of metaverse will continue. Metamate is inspired by this trend and our goal is to build a true metaverse where players can experience an extraordinary and exciting life.

With the pandemic going on, when more and more people have embraced the internet as their new and potentially only social life, both market share of digital dating platforms and metaverse trend will surely grow faster and stronger. And our project will be the pioneer, the first one in combining

these two popular trends, also with fun casual games, free-to-play and play-to-earn features. This is the key that will absolutely set us aside from our competitors and bring success to this project.

- Metamate offers players a unique experience with exciting casual mini-games, free-to-play and play-
- to-earn features. Our goal is to build a true metaverse where people around the globe can connect, get to know each other, have fun and earn together.

- MetaMate has a complete ecosystem with Mate Plus - a Web 3.0 product, where the contributors
- can express thoughts freely, earn rewards from contribution and advertisement; Cross-chain NFT Marketplace and NFT Game Venture. These products are exclusive privileges and made available for access only by \$MTM holders.



## About Us - Our Team

Experienced game & blockchain development team.



MetaMate's Game Studio

To ensure a goal of making Metamate a true and sustainable Metaverse, we have assembled a passionate and devoted team.

Member	Role	Qualification and work experience
Duc Le	CEO	<ul style="list-style-type: none"> <li>• 3 years experience as COO of VGC Game Publisher Co Ltd.</li> <li>• 9 years experience as Corporate Leader.</li> </ul>

Quang Pham	CFO/COO	<ul style="list-style-type: none"> <li>• 7-year experience in the fields of finance and enterprises</li> <li>• A blockchain expert specializing Exchanges and Banking System</li> <li>• Master in International Finance and Economic</li> <li>• CFA Charter Holder</li> </ul>
Phuong Hoang	CMO	<ul style="list-style-type: none"> <li>• 4-year experience as Marketing Director</li> <li>• 6-year experience in the fields of Marketing, Sales, &amp; Data Analytics</li> </ul>
Cuong Ha	CTO	<ul style="list-style-type: none"> <li>• Senior Manager at FPT Software</li> <li>• 10 years experience in Software Developmen</li> <li>• 5 years experience in Blockchain Developme</li> <li>• PMP Certification</li> </ul>
Giang Nguyen	CPO	<ul style="list-style-type: none"> <li>• 9 years experience working as Senior Softwar Developer and Game Developer.</li> <li>• 3 years experience as CPO of VGC Game Publisher Co Ltd.</li> <li>• 2 years experience as Product Manager of "Virtual Gaming" - Game Studio.</li> </ul>

More details about the team are provided on our website.





## Vision and Mission

### Our vision

Our goal is to build a metaverse world where people around the globe could connect, start dating, engage fun mini-games for dating and other exciting activities. We want you to experience an extraordinary and fascinating life in our metaverse!

---

### Our mission

Our mission is developing a social platform and an NFT game for people to connect, have fun, and earn together. We want to bring our players the opportunity to get to know each other, nurture connections, and earn rewards. Our metaverse offers great NFT collections, which was meticulously built to bring real life in and suite all types of personality. We also want to create a game environment which is casual, exciting and engaging.

- Help connecting people
- Create casual and exciting gameplay with free-to-play and play-to-earn features
- Develop strong community

# GAME OVERVIEW

## Story

Darling are citizens of Metamate. They are fashionable, charming and hardworking NFT. Collect them to UPGRADE YOUR LIFE in our Metaverse Mingle City.







Elia and Targa

Elia and Targa were childhood friends. They were meant for each other. They never thought that there could be... other possibilities. In the vast cities of Metamate, they encounter many other men and women, Darlings who are successful in their career, dressing up in fashionable outfits, playing engaging games.

In Mingle City, the most hard-working people earn beautiful and unique NFT collections and have the most well-paid job.

## Darling NFT



### Darlings' Rarity:

- Normal

- Talented
- Special
- Prodigy
- Chosen One

### **Darlings Stats:**

- Smart
- Agile
- Humour
- Charisma

*Darlings Stats will affect its EARNING and BREEDING ability.*

Darlings with higher stats will:

- Earn more Tokens in Mingle Town Idle Workplaces
- Earn more Rewards in Single Play Mini-games
- Have higher chances to breed a higher rarity NEW Darlings

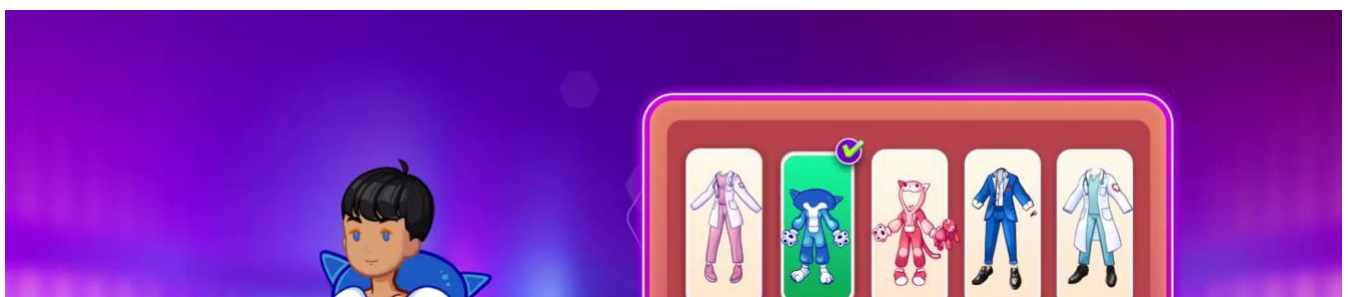
### **CUSTOMIZATION**

Players can customize their Darlings (NFT) with various costumes and faces to be more FASHIONABLE, TRENDY and be whoever the players wanted to be.

### **UNLOCK DARLINGS**

- Players can Unlock NEW Darlings by opening NFT Eggs. NFT Eggs have different rarity that affect the chances to get higher rarity Darlings.
- Through playing the games, Players will get Fragments to redeem NFT Eggs.
- Through Dating, Players will get special item LOVE KEY that can be use when opening an NFT Egg to get higher rarity Darlings.

## **Fashion NFT**





## OVERVIEW

MetaMate focuses on being a Fashionable and Trendy game.

Fashion NFTs are various costumes and other accessories that Darlings can equip.

Fashion NFTs have different Rarity and different Special stats.

## RARITY

- Normal
- Rare
- Luxury
- Prestige
- Limited

## SPECIAL STATS

- Fashion
- Creative
- Fame

When a Darling has enough SPECIAL STATS, it can participate in MetaMate Special Events.

## TYPES OF FASHION NFTs:

- Hair and Hat
- Glasses and Mask
- TOP clothes
- BOTTOM clothes
- Shoes



- Hand Equipment
- Hand Trinket
- Fashion SET
- Pet

## UNLOCK FASHION NFT

Players can get Fashion NFTs by opening NFT Eggs.

## Gameplay

Metamate is A Uniques Social and Dating Metaverse with many casual and fun mini-games for the players to choose from.

In MetaMate, players can role-play as Darlings - an NFT character that has multiple rarities and can be customized freely with various fashionable NFT costumes.

There are 3 different game modes that players with NFT Darlings can play-to-earn

1. **Workplaces Idle Game Mode** (Mingle Town)

Players can farm in various Workplaces to earn Mingle Dollars and craft MM Fragments.

2. **Single Play Mini-games Mode**

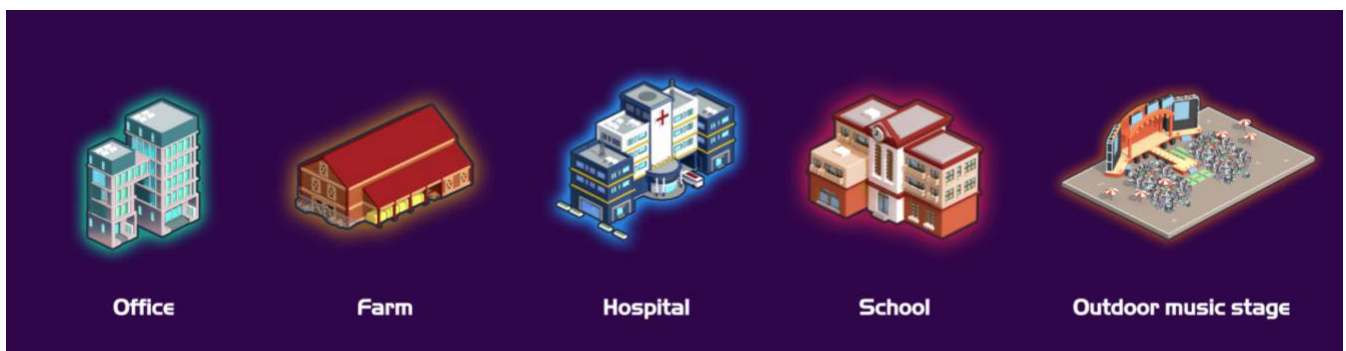
Players can play various mini-games to earn in-game items to craft MM Fragments.

3. **Matching & Dating** - Social Features, Co-op Date-to-earn

Players can Date each others, similar to dating apps.

Players filling a Love Meter together by gifting and playing Co-op mini-games to earn MM Fragments.

## Mingle Town Idle Workplace



Mingle Town is a cheerful starter place in MetaMate, where players can use their Darlings to work at different workplaces to earn Tokens for participating in the game.



IDLE GAME MECHANIC: While the Darlings (NFT) are working, players can freely play other MetaMate game modes. Players can come back later to claim the Tokens when the Darlings finished their works.

## WORKPLACE

There are 5 Workplaces that have different earning speed:

1. OFFICE
2. FARM
3. HOSPITAL
4. SCHOOL
5. OUTDOOR MUSIC STAGE

## DARLING STAT MECHANIC

Each Workplace requires different Darling's Stats to earn Tokens.

### OFFICE

- Smart
- Agile

### FARM

- Agile
- Humour

### SCHOOL

- Humour
- Charisma

### HOSPITAL

- Smart
- Agile

## MUSIC STAGE

- Smart
- Agile
- Humour
- Charisma

Darlings (NFT) have different stats and rarities that affect their earning capabilities:

- Darlings with higher stats will earn more Tokens than Darlings with lower stats.
- Darlings with specific stats will earn more Tokens at specific Workplaces.

Players can upgrade Workplaces to gain multiple benefits:

- Upgraded Workplaces can earn more than Old Workplaces.
- You will gain tickets that let you use more Darlings (NFT) to earn in different Workplaces at the same time.

## STAMINA

Darlings have a Stamina Bar that will be depleted as they work in Mingle Town Idle Workplace:

- For each hour of working, a Darling will lose 10 Stamina
- For each hour not working, a Darling will regain 1 Stamina
- Players can use ITEM (non-NFT) to regain Stamina:
  - Drinks: Regain 5 Stamina
  - Food: Regain 10 Stamina
- Darlings with higher rarity will have more Stamina.

## GAME LOOP

Work -> Earn Tokens Idly -> Use tokens to Upgrade Workplaces -> Earn more Tokens.

## Mini-games

Players can choose various Mini-games to play in MetaMate Single-play or Dating (Co-op) Mode.

At first, there are 3 different Mini-games to choose from:

- **DISCO FEVER - DANCING RHYTHM GAME**

A music game where you need to hit the right notes at the right time for the Darlings (NFT) to dance

perfectly.



#### • MINGLE TOWN MADNESS - RACING GAME

A car racing game where you will custom and upgrade your car to be the fastest car on the racing field.



#### • DREAM STAR CHEF - RESTAURANT GAME

A Restaurant manager game where you build the best Restaurant in Mingle City and work your way up to the top of the cuisine world.





And many upcoming mini-games...

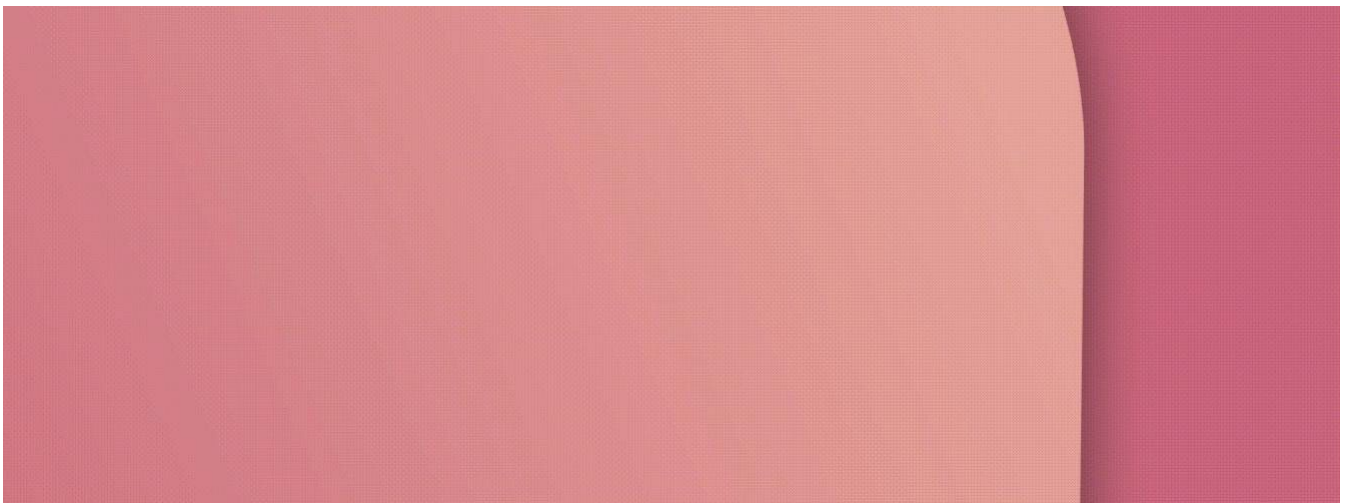
## REWARDS

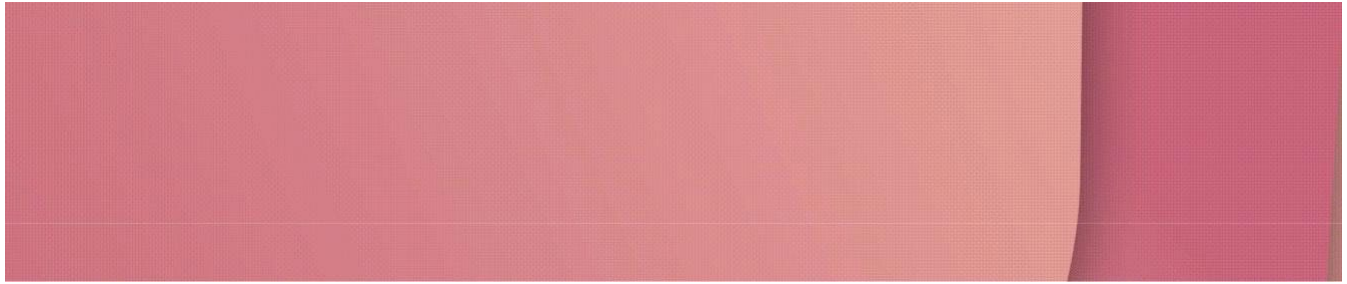
Players will get various in-game ITEMS (non-NFT) as the reward for playing MetaMate Minigames.

The in-game Items will have various effects:

- Regain Stamina for Darlings -> Darlings can continue to work and earn Tokens.
- Fill up the Love Meter in Dating mode -> Players can claim Love Meter to get MM Fragments.
- Craft Material -> Players can crafts different Materials to redeem MM Fragments.

## Matching & Dating





Players can find other players through an unique Matching mechanic that is **similar to dating apps**.

In MetaMate's Matching and Dating (Co-op) game mode, you can:

- Chat in real time and interact with your partner.
- Fill up a Love Meter Bar with your friends to claim NFT Fragments and Love Key.
- The Love Meter can be filled in two ways:
  - Invite your partner to play various Co-op mini-games.
  - Gifting your partner.
- **Love Key:** A special item that can be used to unlock higher rarity NFT, similar to a breeding system. When players fill up a Love Meter with a Darling NFT of their partner, both of them will get a Love Key (in-game item) . They can get higher rarity NFTs by using the Love Key when opening an MM Egg.

## Special Events

Special events are limited to a certain period of time, which open daily, weekly, monthly. These are full of fun and inspired by real life themes like:

- Speed Dating
- Dacing Contest
- Music Festival
- Black Friday
- Movie Premiere
- And many more...

Players need to achieve a certain amount of Special Stats from Fashion NFTs to be able to participate in these events. Joining Special Events, players will experience trendy and simple PvP minigames, where winning depends on each person's luck and tactic. Winning players will receive attractive rewards.

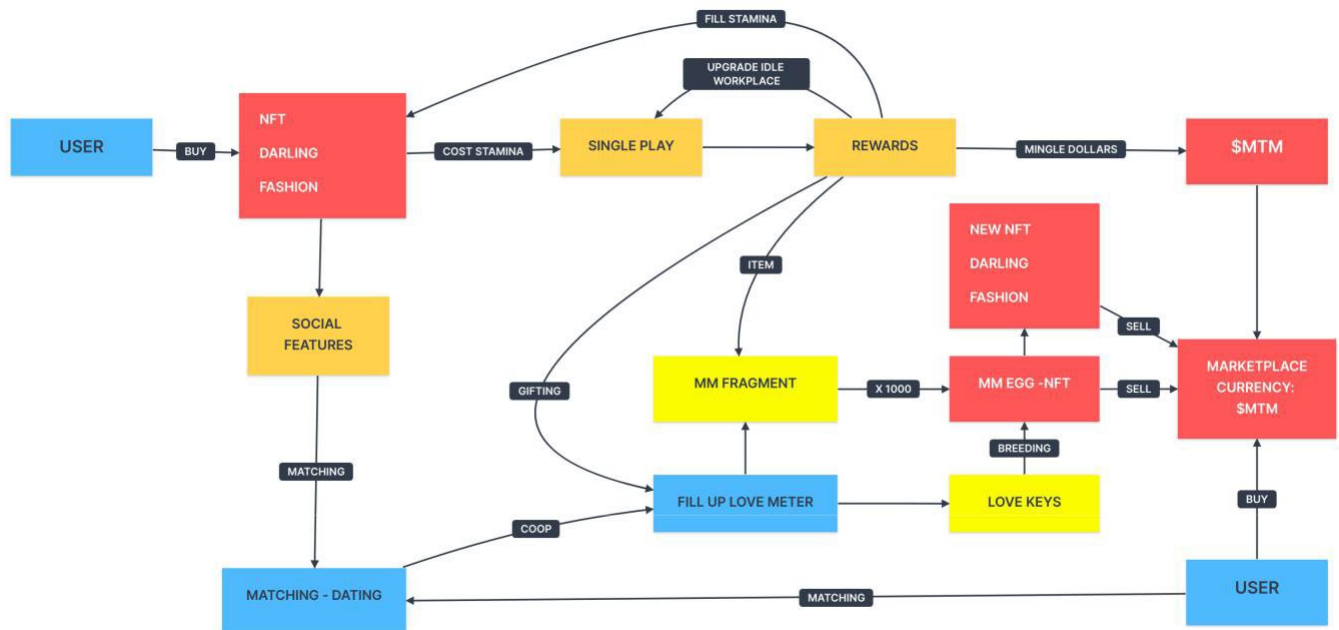
## Economic Model

The in-game economy is operated according to free-market principles, through commodity trading (NFTs).

Player is the owner and trader of the NFTs through gaming Each NFT is unique and valued by the player. \$MTM is the main platform currency in the MetaMate ecosystem, used to trade NFTs and various products/services or obtain access throughout the economy.

## Economic loop

In Metamate, there are multiple ways for players to earn. These are all closely linked in our well-thought-out gameplay loop.



# PLAY AND EARN

## Token

### **\$MTM**

The native cryptographically-secure fungible protocol token of MetaMate (ticker symbol **\$MTM**) is a transferable representation of attributed utility functions specified in the protocol/code of MetaMate, and which is designed to be used solely as an interoperable utility token thereon.

\$MTM can be used to buy/sell NFTs on the MetaMate Marketplace, and also for the future products in the MetaMate ecosystem (NFT Cross-chain Marketplace, NFT Game Venture, Mate Plus - Web 3.0).





## Mingle Dollars

Mingle Dollars are in-game currency that players can earn through in-game activities. Mingle Dollars can be converted to \$MTM through our Marketplace. In addition, Mingle Dollars are also used in the game to upgrade workplaces, buy and sell in-game items (non-NFTs) to fill Love Meter in Dating, recharge Stamina of Darlings.

## Collect NFTs

### UNIQUE, FASHIONABLE AND TRENDY NFTs

Metamate's NFTs are not simply in-game items or artwork with no function; they all have utility value as in real life.

MetaMate's NFTs are valuable, fashionable and trendy items. Furthermore, MetaMate's NFTs have been created to have an endless creation pool.

All MetaMate NFT items are different in appearance, colour, stats, and features. A new NFT banner will come after certain times to create the most FASHIONABLE and TRENDY items, and will gradually build up a system of infinite NFTs.

DARLINGS (NFT)	Probability
Normal	60 %
Talented	25 %
Special	10 %
Prodigy	4 %
Chosen One	1 %

FASHION (NFT)	Probability
Normal	49 %
Rare	30 %



Luxury	15 %
Prestige	5 %
Limited	1 %

MetaMate will use Chainlink's Verifiable Random Numbers service (Oracles), this ensures the transparency of the NFTs drop rates.

### MM Egg NFT and MM Fragment

- MM Egg is the most valuable asset that players can earn when playing the game.
- MM Eggs are used to receive new Darlings avatar and Fashion Items.
- Players need to collect **1,000 MM Fragments** to redeem 1 MM Egg.
- MM Egg can be sold/ bought from Marketplace.
- MM Fragments are in-game rewards when players join any game mode. MM Fragments are not NFT so they cannot be traded.
- Items received after using a MM Egg are random.

## User Rewards

### User Rewards

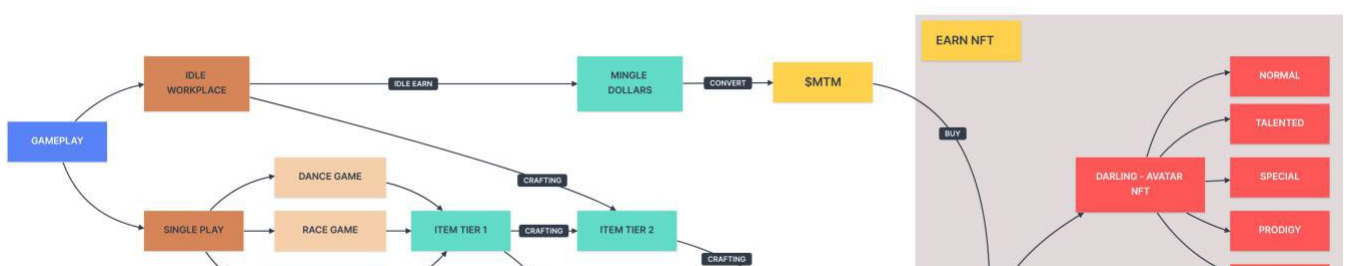
Users may participate in ecosystem activities in order to earn \$MTM, for example playing games or using platform services to connect with other players.

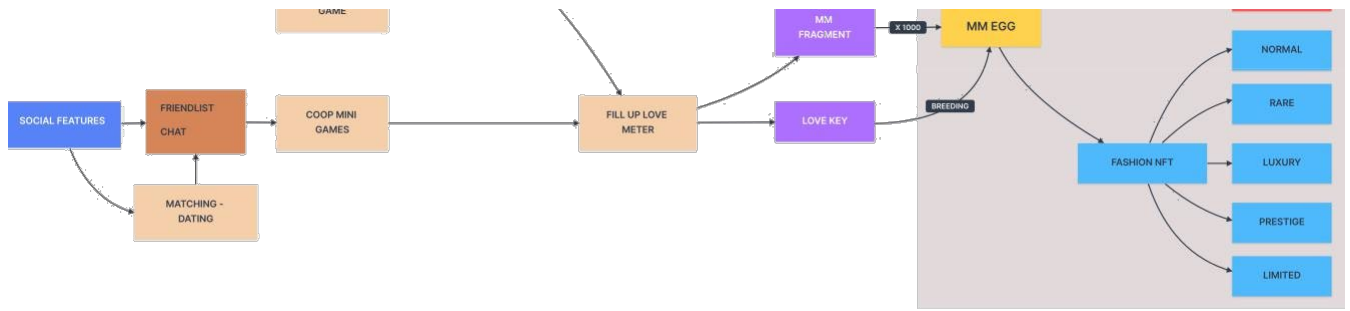
### Liquidity provision Rewards

MetaMate itself is simply a blockchain protocol that, by design, does not offer any resources for utilisation. As such, to ensure that users receive access to \$MTM so that they may utilise these for platform services and decentralise \$MTM ownership, other users would need to be incentivised to become liquidity providers and stake their digital asset pairs (e.g. (\$MTM/BNB, \$MTM/\$BUSD) into the decentralised market making pools to provide the necessary liquidity for transactions. As compensation for opportunity costs, these liquidity providers which help to promote adoption of MetaMate by staking or including assets to liquidity pools in exchange for LP tokens would be rewarded with \$MTM (i.e. "mining" on MetaMate), according to each user's relative contribution after various adjustment and correction parameters.

In some special events, holders can also utilise LP tokens to participate in rare NFT sales.

## Core loop





# METAVERSE - Mingle City

## Mingle Town & Mingle City

Players start their journey in **Mingle Town (Starter Town)**, where they can work idle in their favorite workplace. There are 5 workplaces, such as hospital, office, school, and gardens, which suit everyone's taste. Players may join dancing rhythm game either in single mode or co-op mode (dating mode) to earn many rewards, which is used to upgrade and buy more valuable NFT.

In the next phases, Mingle Town will expand into **Mingle City (Metaverse)**, where player could buy and sell NFT land, create their own NFT contents, events and other features. Many new buildings, NFT collections and items will be added. To increase the interactivity among citizens, more mini-games will be released to Mingle City.

## Land & Building Owners

In our Metaverse, players can:

- Purchase, sell or rent land real estate with other players.
- Build buildings with different functions, including a diverse workplace system with interesting jobs that all players can participate in, stores to trade with others, and places to host social interactions with one another.
- Workplaces and Constructions focus on the following features:
  - Players can create NFTs that have in-game value to use and trade in our metaverse.
  - Companies/brands can directly communicate with customers through Mingle City: a powerful way to do branding and marketing.
  - Players can freely customize their places:
    - Customize house, furniture, garden
    - Pet System: players can adopt and have different kinds of pet
  - Players can build new workplaces for other players to earn Mingle Dollars
- Through reimagining the real world to create an intuitive, easy-to-grasp economic system, as well as a casual, relaxing way to earn.

## Create to Earn

We want to work together with players to create a lively, interactive world in MetaMate. In the future phases of development, we will provide the community with tools so that they can participate in building a Metaverse world full of user-generated content, and engage with other users for economic activities and services. All transactions will be settled using \$MTM as the native medium of exchange. Players will be able to:

- Design, create Fashion NFTs
- Design, create home decorations NFTs
- Build, design building and home interior
- Create shop, trade NFTs and services with other players
- Create, host social events
- Create Mini-games
- Etc.

The possibilities are endless!

## Social Features

### Online Chat

When Metamate's team started researching and working on this project, we set an ultimate goal to bring the best gaming and social experience to our players. So besides combining classic gaming elements with unique gameplay mechanics to create an NFT game, we focus on emphasizing in-game interaction between players. We want everyone around the world to be able to connect and make new friends in our metaverse.

MetaMate integrates a chat feature so that players can chat on many channels, including your Private Friendlist, Global, and Local (by country). The online chat feature will be integrated in Q1/2022.

---

### Dating

Through smart Preference customization and a finely tuned AI Searching system, players can find the right match for them and invite each other to engage in exciting in-game activities, relax, earn together as a couple.

## Gifting

Players can give gifts (Non-NFT) to other players through the Dating Feature in return for rare items like MM Fragments and Love Keys.

In addition, MetaMate is also developing the NFT Gifting feature.

We believe that NFTs are the property of the players. In a project that focuses on community features, it is entirely possible for MetaMate participants to give away NFTs to other players instead of exchanging on Marketplace. Gifts given away will be transferred directly to the recipient's wallet.

For security purposes, you need to check the correct recipient wallet address before making a transaction.

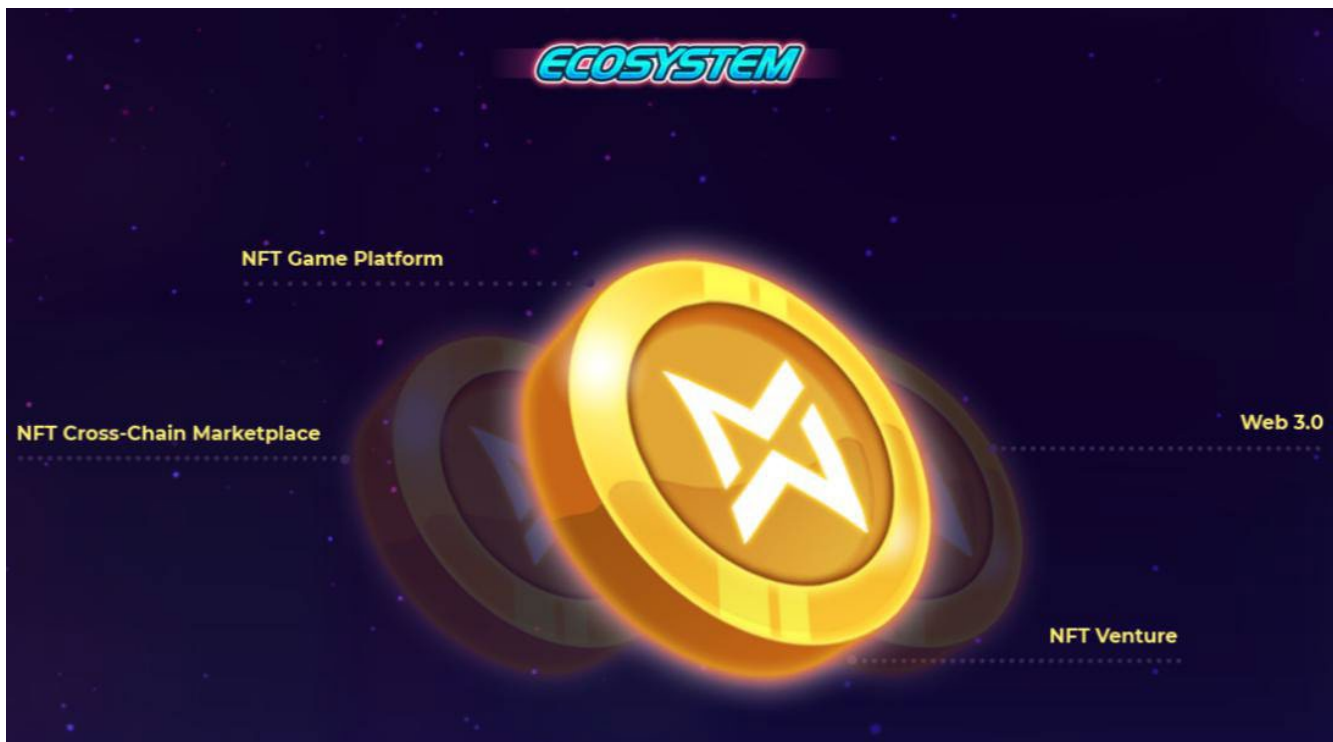
Transactions will be secured through MetaMate's security system.

# MetaMate Ecosystem

## Token Utility

**\$MTM** is the functional multi-utility token which has multiple utilities inside the MetaMate ecosystem. \$MTM may be used as the medium of exchange between participants on MetaMate in a decentralised manner. The goal of introducing \$MTM is to provide a convenient and secure mode of payment and settlement between participants who interact within the ecosystem on MetaMate without any intermediaries such as centralised third party entity/institution/credit. It is not, and not intended to be, a medium of exchange accepted by the public (or a section of the public) as payment for goods or services or for the discharge of a debt; nor is it designed or intended to be used by any person as payment for any goods or services whatsoever that are not exclusively provided by the issuer. \$MTM does not in any way represent any shareholding, participation, right, title, or interest in the Company, the Distributor, their respective affiliates, or any other company, enterprise or undertaking, nor will \$MTM entitle token holders to any promise of fees, dividends, revenue, profits or investment returns, and are not intended to constitute securities in Singapore or any relevant jurisdiction. \$MTM may only be utilised on MetaMate, and ownership of the same carries no rights, express or implied, other than the right to use \$MTM as a means to enable usage of and interaction within MetaMate. The secondary market pricing of \$MTM is not dependent on the effort of the MetaMate team, and there is no token functionality or scheme designed to control or manipulate such secondary pricing.

Further, \$MTM provides the economic incentives which will be distributed to encourage users to exert efforts towards contribution and participation in the ecosystem on MetaMate, thereby creating a mutually beneficial system where every participant is fairly compensated for its efforts. \$MTM are an integral and indispensable part of MetaMate, because without \$MTM, there would be no incentive for users to expend resources to participate in activities or provide services for the benefit of the entire ecosystem on MetaMate. Given that additional \$MTM will be awarded to a user based only on its actual usage, activity and efforts made on MetaMate and/or proportionate to the frequency and volume of transactions, users of MetaMate and/or holders of \$MTM which did not actively participate will not receive any \$MTM incentives.



### **In-game spending**

Players can Deposit \$MTM to get in-game currency Mingle Dollars that can be used in several in-game features:

- Buy and send gifts to other players
  - Buy Stamina Boosters
- Buy Crafting Material
- Buy Energy Items
- VIP Access and Dating Gold Pass (Coming Soon)
- Speed up Upgrade Workplaces (Coming Soon)

### **User rewards**

Users may participate in ecosystem activities in order to earn \$MTM, for example playing games or using platform services to connect with other players.

### **Liquidity provision rewards**

MetaMate itself is simply a blockchain protocol that, by design, does not offer any resources for utilisation. As such, to ensure that users receive access to \$MTM so that they may utilise these for platform services and decentralise \$MTM ownership, other users would need to be incentivised to become liquidity providers and stake their digital asset pairs (e.g. (\$MTM/BNB, \$MTM/\$BUSD) into the decentralised market making pools to provide the necessary liquidity for transactions. As compensation for opportunity costs, these liquidity providers which help to promote adoption of MetaMate by staking or including assets to liquidity pools in exchange for LP tokens would be rewarded with \$MTM (i.e. "mining" on MetaMate), according to each user's relative contribution after various adjustment and correction parameters.

### MetaMate Marketplace Trading

In our NFT marketplace for MetaMate, \$MTM can be used for purchases and sales of MM Egg, Darlings and Fashion NFTs.

### NFT Game Venture

On the venture platform, Holders may lock their \$MTM for a determined period of time in order to gain access to purchase tokens in private sales for partner projects.

### NFT Cross-chain Marketplace

This is a separate NFT marketplace product that will use cross-chain technology, allows users to trade NFTs across **various blockchains**, including but not limited to Binance Smart Chain, Ethereum, and many more to come. \$MTM will be used for transaction fees.

### Mate Plus - Web 3.0

A kind of social media community where \$MTM is used for paying rewards (to mods, contributors).

## NFT Cross-chain Marketplace

**A gateway** for NFT users and holders to participate in the purchase and sale of these digital assets - from art & music to entire virtual world.

This works as a **peer-to-peer** marketplace for NFTs, rare digital items and crypto collectibles.

Especially, our cross-chain technology allows users to trade NFTs across **various blockchains**, including but not limited to Binance Smart Chain, Ethereum, and many more to come.

## NFT Game Venture

We believe that NFT game market will thrive in upcoming years. As an access token, holders may lock their \$MTM for a determined period of time in order to gain access to purchase tokens in

private sales for promising project launches. The allocation for each user will be decided based on the size and the holding period of MTM token of holders. To bring promising deals for our token holders, we will have a department for research. However, we take no responsibilities for risk of decisions by users to acquire MTM tokens.

## **Mate Plus - Web 3.0**

### **What is Mate Plus?**

In general, it is a social media community, similar to Reddit, Digg, Quora, Mashable, etc.

This works as a web social news aggregation (aggregating news), web content rating (rating web content), and discussion (discussion, forum) website; initially focused on dating, NFT games, blockchain technology. In future development phases, the contents and communities on Mate Plus is entirely up to the users to create and contribute.

### **How does it works?**

Community of registered members can post various types of content, such as in text format or direct links. Only registered members can then vote with the thumbs-up and thumbs-down (which can be considered as "like" or "dislike") on what is submitted to rank the posts and decide its position on the pages of the website.

Content items are organized by areas of interest called "Categories", to which registered users are recommended to create their own discussion community in any language.

These "Categories" are also completely user-created and self-selected for the manager (mods). Sections that violate the law or the terms of the Website may be reported and locked.

User accounts have Profiles. In each Profile, there is a posting history, a comment history, and also an NFT Gallery that they own on all-chains.

Tokens will be used as rewards, paying for mods, giving bonuses to users for posting many valuable posts and contents.

Users participating in categories and communities can donate, buy reward icon packs for other posts, or buy other privileges when using this website.



# MARKETPLACE

## NFT Trading

**NFT Marketplace** is the platform where MetaMate players can buy/sell their NFTs among each other.

All **Darling** and **Fashion** NFTs are tradable either separately or as a set at once. The buyers are also allowed to offer a lower price, and sellers then may accept or ignore the bid.

Once the Metaverse world inside MetaMate is completely developed and put into operation, players will have the chance to trade their real estates, real-life branches, or any other thing created by themselves.

The Marketplace utilizes particular transaction protocols known as smart contracts. These protocols regulate the connections between the seller and the buyer. Moreover, these smart contracts contain identifying data associated with an NFT. Hence, the process of buying and selling tokens becomes user-friendly and convenient.

The Blockchain network also makes sure of an error-free payment procedure and provides a seamless transacting experience.

## Auction

The **underlying purpose** of an auction sale is to obtain the best financial returns for the owner of the property and to allow free and fair competition among bidders.

### How do auctions work on MetaMate Marketplace?

**Start at a reserve price** - Creators set a duration and starting price for the auction and buyers must place bids at or above this price. Reserve prices are made public on Marketplace.

**Time countdown** - After the auction is set, a countdown for the auction starts.

**Result** - An auction comes to an end when the countdown has run out of time:

- The highest bidder will make the payment and receive the NFT.
- If there is no bid during the auction time, the order will be cancelled and the NFT will be returned to the seller automatically.

## Leasing

In MetaMate, a single player may own multiple Darlings, along with different sets of Fashion Items. However, all of them cannot be used at the same time.

The **Leasing feature** gives the owners a way to monetize these benefits without selling the underlying asset.

**Lenders** can send the NFTs they want to rent out to a smart contract after determining the daily rental price and maximum rental period. The NFTs will be locked during this time.

**Borrowers** who need the NFTs to increase their income or support them in mini games, will input how long they want to “own” the NFTs, paying for the rental cost plus a collateral amount equivalent to the price of the NFTs, which they will get back once the NFTs is returned.

## Fee and Token Economy

### Platform Transaction Fee

Both sellers and renters pay a percentage (4%) of the final sale price in \$MTM at the point of transaction.

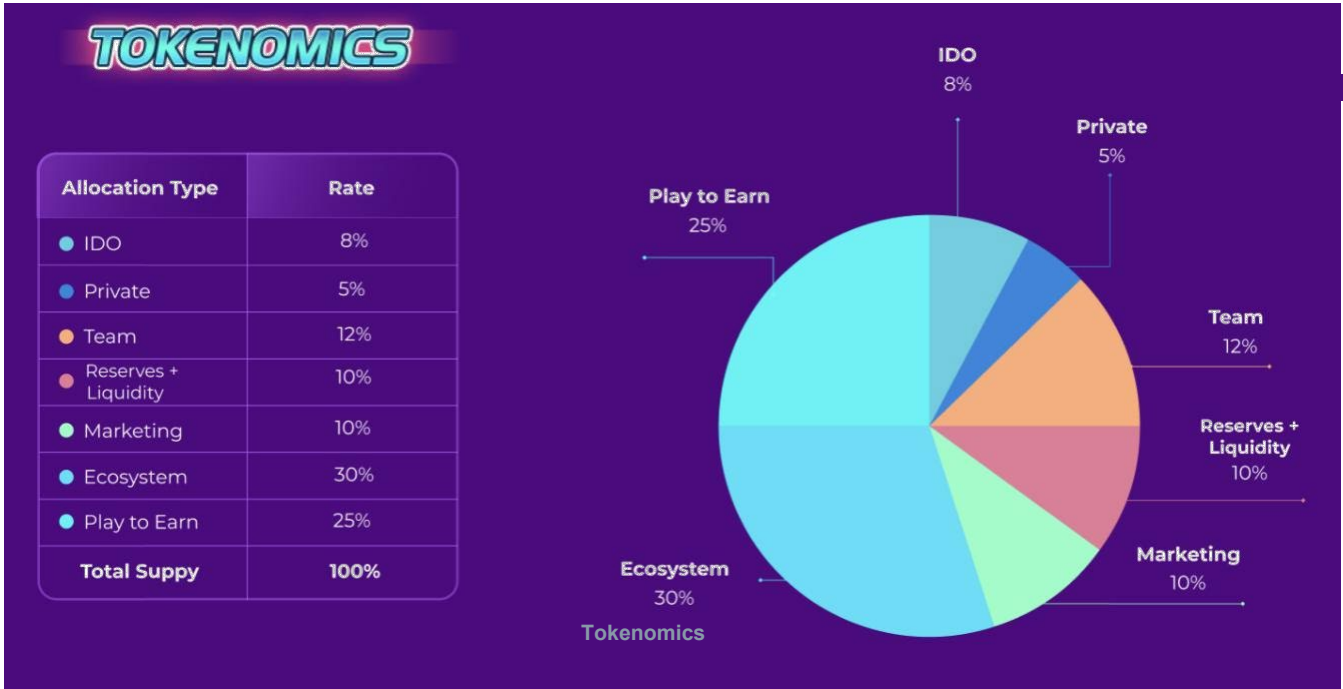
This fee will then be used for the following purposes:

- 50% - System operating costs
- 30% - Treasury (User rewards, liquidity provision rewards)
- 20% - Game Rewards + Events

### Token economy

NFT egg sales may be paid in \$MTM, and collected \$MTM would be further circulated for ecosystem and community development efforts. We will make our NFT sale wallet available publicly in our website, so everyone can verify.

## TOKENOMICS



SUMMARY		TOKEN RELEASE SCHEDULE	
<b>Total Symbol</b>	<b>MTM</b>	<b>IDO</b>	20% at TGE, then linear vesting over the next 4 months (20% per month)
<b>Total Supply</b>	<b>1,000,000,000</b>	<b>Private</b>	15% at TGE, then linear vesting over the next 8 months.
IDO	80,000,000	<b>Team</b>	12 months cliff, then linear vesting over the next 36 months.
Private	50,000,000	<b>Reserves + Liquidity</b>	12 months cliff the linear vesting over the next 10 months.
Liquidity	30,000,000	<b>Marketing</b>	9 months cliff, then linear vesting over the next 24 months.
Team	120,000,000	<b>Ecosystem</b>	1 month cliff, then linear vesting over the next 50 months.
Reserves	70,000,000	<b>Play to Earn</b>	Locked until game release, then linear vesting over the next 50 months.
Marketing	100,000,000		
Ecosystem	300,000,000		
Play to Earn	250,000,000		

Token Release Schedule

## FREE TO PLAY

A free-to-play version will come soon.

With our ambition to bring our MetaMate experience to both NFT and traditional players, MetaMate is a free-to-play, play-to-earn metaverse.

Traditional players can enjoy MetaMate features, create their own Darlings, Fashion outfits, match with other players in the mini games and get rewards. Although, these free Darlings and Fashion items are not tradable.

#### Free NFT Gifts

There are different game seasons launched periodically, with a leader-board for free players. The ones qualifying will be given **Darling and Fashion NFTs**.

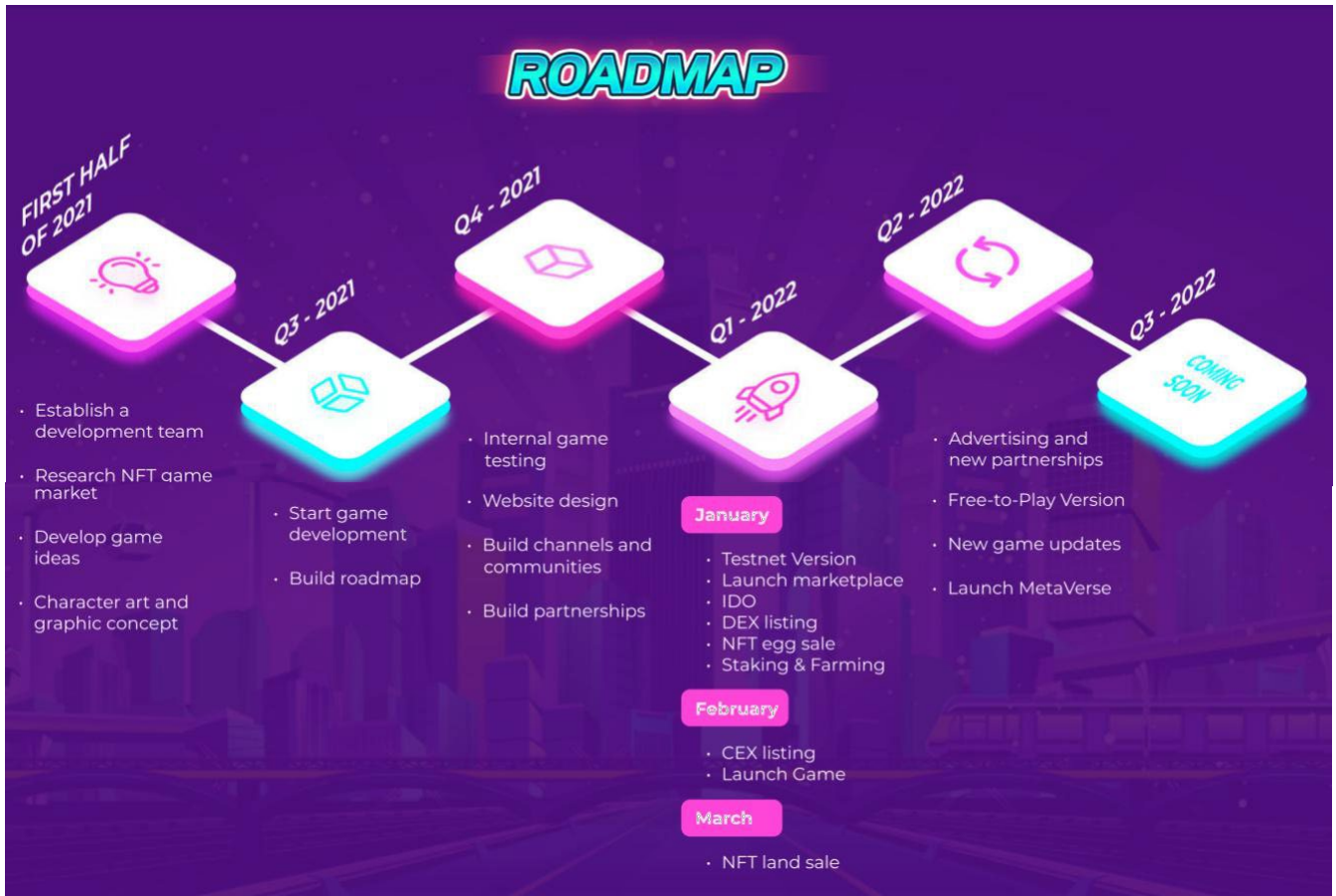
## UNLIMITED FASHION COLLECTIONS



## AUDIT

COMING SOON.

# ROADMAP



## STRATEGIC PARTNERS

