

Future Plans for the DeComm system

Note: Proposal based on existing (and at times, mocked) features.

Proposed by Team Lovelace.

- **Register + Login**

- We plan to further security by implementing functions that verify that the email addresses are existent.
- We also plan to implement 'forgot password' and 'reset password' features.

- **Personal Dashboard on the landing page**

- We have added a few things to the landing page. Below are the features we would like to improve on:
 - KT Market Value overview
 - There is a line graph now indicating the value of the Knowledge Tokens over the last 30 days. It is currently mocked, but we plan to be make it update in real time.
 - $\text{Market Value} = \text{Current price of 1 KT} \times \text{Number of Available Tokens on the Market}$. This is the global standard formula of calculating market value.

- **Personal Transactions**

- There is now also a tab for you to see the history of your 10 most recent personal transactions, which includes items you have bought and Knowledge Tokens you have received and sent. This is currently mock data; we plan to integrate it with our backend function for it to reflect accurately on the application.

- **Business Dashboard**

- There is a now a bar graph indicating your sales for the past 12 months. We plan to implement functions that update the graph in real time.
- There is a card indicating the number of NFTs you have sold over the last 30 days. We plan to replace the mocked value with real-time calculated value.
- There is also a card indicating the revenue generated by NFT sales over the last 30 days. We plan to replace the mocked value with real-time calculated value.

- Lastly, there is a transactions tab that indicates your 10 most recent business transactions. The plans include real-time updates; as well as have a feature where the users can download monthly statements of their transactions.

- **Checkout**

- On top of the authentication step, we plan to implement a coupon subsystem, where users can enter and apply coupon codes to get discounts on certain items before they checkout.