

**Capstone Project 1**

**DEMARK - DECENTRALIZED MARKET**

Interface Design Document

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CODE: DEMARK-1.0

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**Project Information**

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| **Project acronym** | DEMARK | | | | |
| **Project Title** | DEMARK - Decentralized Market | | | | |
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| **Team Information** | **Name** | **Role** |  |
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# **Document History**

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|  |  | Document History |  |
| **Version** | **Date** | **Comments** |  |
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# **Document Approvals**

​The following signatures are required for approval of this document.

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# **Introduction**

## Purpose

This document serves the purpose of specifying application’s UI design

* 1. **Scope**
* Overview of the stages and modules of the system
* Create complete interfaces, and describe them clearly

1. **List of interfaces in user’s application**

|  |  |  |  |
| --- | --- | --- | --- |
| UI ID | UI name | Description | Note |
| UI-01 | Header | contains a table that compares the changes made to the tokens in the market, account’s address, network. |  |
| UI-02 | Sidebar | Contains list of controllers for application |  |
| UI-03 | Wallet information | Contains the number of tokens in the user’s wallet |  |
| UI-04 | List of tokens | List of tokens on Demark |  |
| UI-05 | Account | Contains balances of wallet and |  |
| UI-06 | Request submit token | It’s where user can send basic information of token that they want to send to Demark |  |
| UI-07 | Help | Help information |  |
| UI-08 | Detailed token | Contains all of information of a token |  |

# **Describe user interface application in detail**

* 1. **UI – 01: Header**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Nothing | TextView | View last price of a token that you view on |  |
| 2 | Nothing | TextView | View balance of a token that you view on |  |
| 3 | Click | Button | User can quickly change token that they want to view |  |
| 4 | Click | Button | Change Ethereum network to use Demark |  |
| 5 | Click | TextView | User’s address that click to move to user’s account |  |

## UI-02 Sidebar



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Click | TextView | Move to List of tokens that already stand |  |
| 2 | Click | TextView | Move to User’s account page |  |
| 3 | Click | TextView | Move to Request submit token page |  |
| 4 | Click | TextView | Move to Tool page |  |
| 5 | Click | TextView | Move to Help page |  |

## UI – 03 Wallet Information



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Nothing | TextView | View the basic information of user’s wallet |  |

## UI -04 List of tokens



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Nothing | TextView | View list of tokens on Demark |  |
| 2 | Click | Row | Move to detailed token that it’s already clicked |  |

## UI-05 Account



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Nothing | Table | View user’s wallets such as ETHs, Tokens, Total value of wallet. |  |

## UI-06 Request submit token



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Typing | TextInput | Used to type name of a token |  |
| 2 | Typing | TextInput | Used to type symbol of a token |  |
| 3 | Typing | TextInput | Used to type rating of a token |  |
| 4 | Typing | TextInput | Used to type decimals of a token |  |
| 5 | Typing | TextInput | Used to type cashier of a token |  |
| 6 | Typing | TextInput | Used to type description of a token |  |
| 7 | Click | Button | To submit basic information of a token to Demark where admin will verify and submit to Blockchain |  |

## UI-07 Help



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Click | TextInput | View more about common questions, how to use Demark, more about team |  |

## UI-08 Detailed token



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Condition | Control type | Target | Notes |
| 1 | Nothing | TextView | View a token name and it’s |  |
| 2 | Nothing | TextView | View token’s description |  |
| 3 | Nothing | TextView | View price of the token on market |  |
| 4 | Click | Button group | Used to perform some event with the token |  |
| 5 | Typing and clicking | Form | It’s where user use to perform something with the token |  |
| 6 | Nothing | Table | It’s where contains transactions history and filled by events |  |
| 7 | Click | Tab | To view transactions history through those events: deposit, withdraw, transfer, fund |  |

1. **List of interfaces in admin’s application**

|  |  |  |  |
| --- | --- | --- | --- |
| UI ID | UI name | Description | Note |
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