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Trading Recommendations System for Non-fungible Tokens

A dissertation by

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4.1 Chapter Overview

This chapter focuses on identifying possible stakeholders of the project by taking a look at all possible points of interaction with the system with the use of a rich picture diagram, gathering their perceptions to analyse and come up with possible expected use cases, functional and non-functional requirements of the prototype.

4.2 Rich Picture

4.3 Stakeholder Analysis

4.3.1 Stakeholder Onion Model

4.3.2 Stakeholder Viewpoints

4.4 Requirement Elicitation Methodologies

4.5 Analysis of Data & Presentation of the Outcome through Elicitation Methodologies

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4.7 Context Diagram

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4.9 Use Case Descriptions

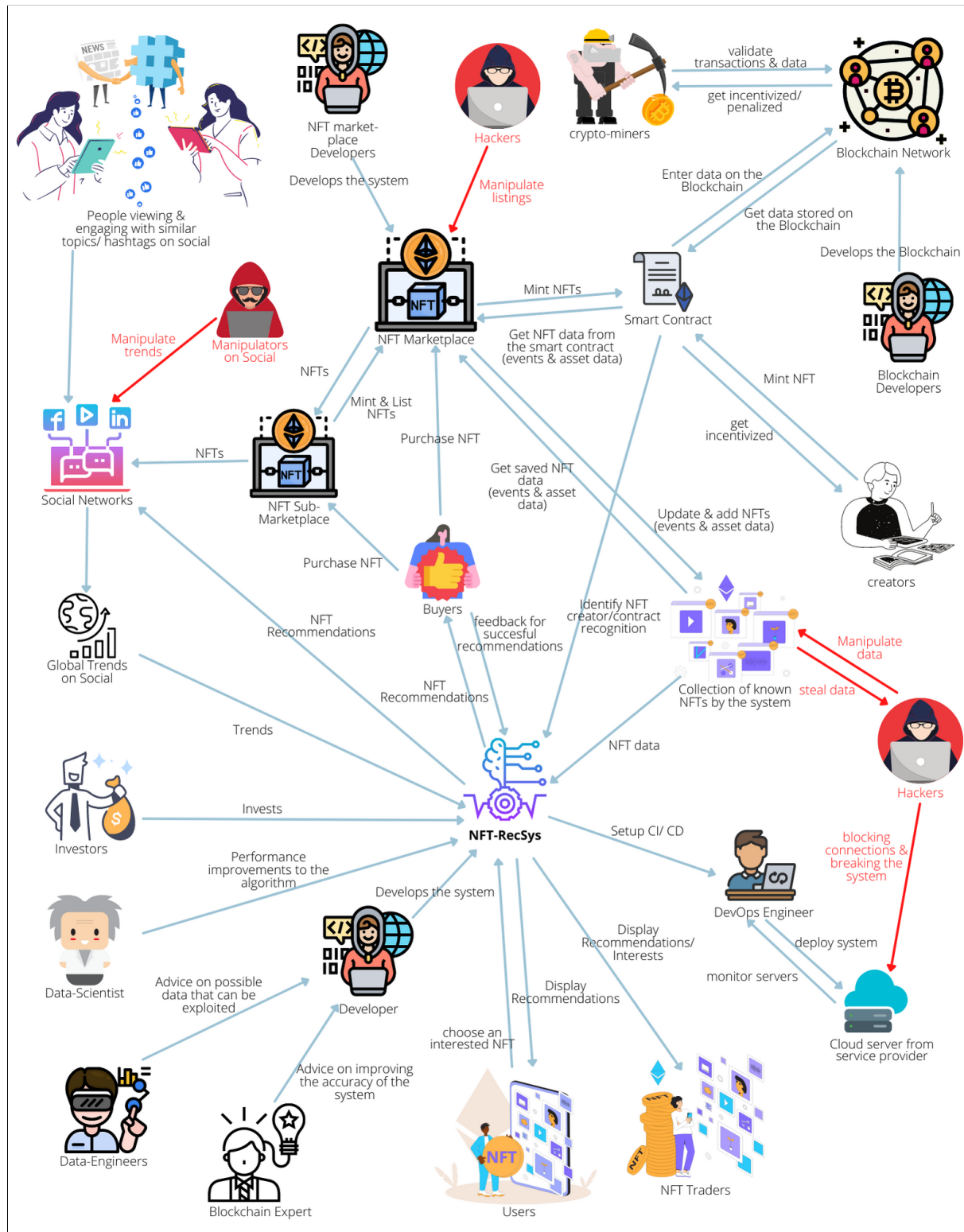
4.10 Requirements

4.10.1 Functional Requirements

4.10.2 Non-functional Requirements

4.11 Chapter Summary

. A Rich Picture Diagram was drawn to understand how the system connects with the society to understand the stakeholders of the system. Saunder's Onion model was used to represent the stakeholders with the flow of influence of each stakeholder. Requirement gathering techniques were utilized to gather all the required data and opinions of possible stakeholders of the system. Lastly, the system's use cases, functional, and non-functional requirements were specified based on the insights derived from the requirement elicitation techniques.

Figure 4.1: Rich Picture Diagram (*self-composed*)

APPENDIX A - CONCEPT GRAPH



Figure 2: Concept Map (*self-composed*)