

# THINKSQUID

*\* Documentation subject to change with maturity of business and product development throughout its life cycle.*

## INTRODUCTION

### **# PURPOSE:**

Building a research community network primarily oriented for niche knowledge sharing and user portfolio publications with secondary functionalities for improved productivity and user experience.

### **# INTENDED AUDIENCE:**

Research Scholars, Educational bodies and their integral entities, Students and Journalists seeking to communicate and share domain specific knowledge with peers.

### **# INTENDED USE:**

Constructive knowledge sharing via blogs, collaborations, discussions and questionnaires with premium monetizable services including advertorials alongside e-store for model building.

### **# SCOPE:**

The platform exhibits potential to capture niche audience focused on research and expansion of knowledge under multiple disciplines and domains.

### **# DEFINITIONS:**

To be discovered.

**# ACRONYMS:**

To be discovered.

**# ABBREVIATIONS:**

To be discovered.

**# OVERVIEW OF DOCUMENTS:**

The proposed manifest describes the objectives of the business requirement to the best of its understanding based on the maturity of the project.

**GENERAL DESCRIPTION****#PRODUCT PERSPECTIVE:**

Attempt to nullify the discovery gap between users seeking to expand their knowledge in the less traversed or published topics of multiple domains and disciplines.

**#PRODUCT FUNCTIONS:**

1. Offer an environment for user to share practical/applicative approaches and methodologies for peer reviews and opinions under a defined domain or disciplinary of study.
2. Create a community for connections and collaborations with peer researchers and knowledge experts.
3. Raise questions and request assistance from any user without a connection or collaboration.
4. Maintain a forum for discussion and open view expressions following community guidelines among users.

5. Support relevant niche advertorial campaigns for improved discovery.
6. E-store for 3D Model building.
7. Private knowledge repository for organisations requesting service.
8. Personal publications repository for portfolio creation accessible for registered users.

### **#PRODUCT CHARACTERISTICS:**

1. Easy and open access to knowledge with minimal personal information tracking and data capture.
2. Controlled personal information sharing to avoid spamming.
3. Minimalistic interface for reduced learning curve and improved user accessibility.

### **# CONSTRAINTS:**

1. Inexistence of offensive or spam content across all the services.
2. Spam-free user base.
3. Cyber attacks does not affect or hit the platform.

### **#ASSUMPTIONS AND DEPENDENCIES:**

1. Rigid implementation of a content management system to track and act against potentially spam content with minimal response time.
2. User management console to track and delete spam users.
3. Robust security infrastructure to protect from potential risks, malwares and cyber attacks.

## **SPECIFIC REQUIREMENTS**

### **# FUNCTIONAL:**

1. Accounts - for user registrations.
2. User dashboard - for portfolio, services and activity tracking.
3. Blog - to share knowledge under defined disciplines.
4. Forum - to escalate discussion panel.
5. Advertorials - to monetize relevant business discovery.
6. Model Building E-Store - to monetize model constructions and delivery.
7. Private repository - to monetize private organisational knowledge hubs.
8. Unified management console - to track and handle all the services.

### **# NON-FUNCTIONAL:**

#### **- PRODUCT**

1. Usability - Minimal learning curve
2. Efficiency - Peak performance over minimal bandwidths and less storage requirements.
3. Reliability - No private information tracking with robust security engine
4. Portability - Easy to migrate and flexible to change in technology and architecture.

#### **- ORGANISATIONAL**

1. Implementation - Translation of the business requirement to expected functional system.
2. Schedule - Development must confine to defined timelines.
3. Standards - Define and justify the Software quality assurance plan.

## - **EXTERNAL**

### **1. ETHICAL**

- Define privacy and user agreement policies.
- Define community guidelines.

### **2. LEGISLATIVE**

- Define legal documentation

### **3. REGULARITY**

- Business Registrations and Sales authorization

### **4. ACCOUNTING**

- Documents
- Records
- User balance sheets
- Sales invoices and expenses

## **#EXTERNAL INTERFACE REQUIREMENTS**

1. Interoperability - Compatible with third party software.

## **# SYSTEM REQUIREMENTS**

1. Internet Connectivity with standard bandwidth.
2. Computing peripheral.