

**ORION SYSTEMS & DESIGN Ltd**

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Date: 27-10-2025

**To Whom It May Concern,**

**Subject: Permission to Conduct Research and System Design for Final Year Project (Online Auction Platform)**

This letter confirms that **ORION SYSTEMS & DESIGN Ltd** grants permission to NSHUTI Yves, Student ID 25485, a Final-Year Student in the Faculty of Information Technology, Department of Information Management at the Adventist University of Central Africa (AUCA), to conduct Academic Research and System Development for his project entitled "Development of an Online Auction Platform."

**PROJECT OVERVIEW**

The project aims to design and implement a web-based Online Auction Platform that allows individuals and organizations to conduct auctions digitally. The system will provide a secure, transparent, and user-friendly environment where sellers can list items or assets for sale, and buyers can participate in real-time bidding from any location using internet-enabled devices.

The main objective is to automate and simplify auction operations, thereby improving transparency, accessibility, and efficiency while promoting digital innovation and modernization within Rwanda's private and institutional sectors.

**SCOPE OF WORK**

- Designing a **responsive web-based system** for managing and listing auction items and properties.
- Developing a **secure online bidding module** with real-time updates and countdown functionality.
- Creating **user roles** such as Administrator, Property Owner, and Bidder to ensure structured access control
- Managing **valuation records, item documents, and notification features** within the platform.
- Generating **automated reports and analytics** for monitoring auction progress and performance.

**PERMISSION GRANTED**

- Conduct detailed research on auction workflows and digital bidding mechanisms.
- Consult with Orion Systems & Design Ltd's software development team for system design and technical guidance.

- Utilize Orion's recommended tools, frameworks, and software development practices solely for academic and research purposes.

#### CONDITIONS

- All data and information collected will be used strictly for academic purposes.
- The student must comply with company confidentiality and data protection standards.
- Any part of the system or its results shall not be commercialized without written authorization.
- Orion Systems & Design Ltd reserves the right to review the final project report or presentation before academic submission.

We are pleased to support this project and believe that the Online Auction Platform will significantly contribute to transparency, modernization, and the growth of digital commerce in Rwanda's private and institutional environments.

Sincerely,

#### ORION SYSTEMS & DESIGN Ltd

For and on behalf of the Company

**Jean Claude Nkizabagabo**

**Chief Executive Officer (CEO)**

Tel: +250 788 868 458

Signature: \_\_\_\_\_

Date: 27-10-2025



#### APPROVED STUDENT INFORMATION

**Name:** NSHUTI Yves

**Student ID:** 25485

**Faculty:** Information Technology

**Department:** Information Management

**Institution:** Adventist University of Central Africa (AUCA)

**Project Title:** Online Auction Platform