

SYSTEM LOGO

Ancient Egyptian Linguistics Management System(AELMS)

Software Requirements Specification

Version 1.0

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1. Introduction

1.1 Purpose

This Software Requirements Specification (SRS) document is intended to capture the complete software requirements for the proposed "Ancient Egyptian Language Management System (AELMS)". It describes the scope and requirements of the system for approval by the client (Renkemet Linguistics). It will be used by the software development team as a means to understand what needs to be done, and to serve as a basis for software design, development, and testing. The SRS also describes the non-functional requirements, design constraints, and other factors necessary to provide a comprehensive view of the requirements for the software.

1.2 Product Scope

Renkemet Linguistics requests an IT system, with the capacity to store, present and manage databases of the following ancient Egyptian linguistic resources:

- **hieroglyphs**,
- **words** and their associated **definitions**, **pronunciation**, and **sample sentences**,
- and fully translated primary literature sources described as "**classics**" within this project.

The system will support end-users or customers in **exploration, gamification, searching, collecting or bookmarking, viewing, hearing, inspecting, sharing**, and **critiquing** of the resources. It will also support admin-users or operators in the updating of the described resources, reporting on customer and resource activities, and in the provision of support to customers.

To achieve the ultimate goal of the collection and aiding in the understanding of the ancient Egyptian language and its historical and geographical relevance in a clear and simple way mapped out for modern day use on the web and on mobile devices with accessibility support, the said linguistic resources will be:

1. **DYNAMIC** through regular update and user feedback implementation,
2. **ATOMICALLY DIGITIZED** for presentation on diverse digital devices,
3. and **PROPERLY REFERENCED** (Wiktionary, Wallis Budge Dictionary, Journal of Egyptian Archaeology, and other printed or digitized books) for research and publication authority.

2 Overall Description

2.1 User Classes

2.1.1 End-Users

User Type	Use Type ID	Description
Visiting User	VU	A guest user without a registered account
Trial-User	TU	A customer or external user with a registered account trying system for a specific period of time, also regarded as "Temp-User"
Expired-Trial-User	ETU	A Trial-User with a registered account trying system for a specific period of time who have reached the end of trial period
Intermittent-Non-Paying-User	INPU	A customer or external user permitted to use system without subscription payment for a specified period, also regarded as "Facilitator"
Paying User	PU	A customer or external user with a registered account including a valid payment method and a charged subscription payment or billing information.

2.1.2 Operators

User Type	Use Type ID	Description
Data Entry Clerk	DEC	Operator or internal users responsible for updating system resources
User Support Representative	USR	Operator or internal user directly working with customers or external users to solve account related issues.
Linguistic Resource Editor	LRE	Operator or internal user approving the work of the DEC
Operations Manager	OM	Operator or internal user overseeing business operations, reports, customers, and other operators