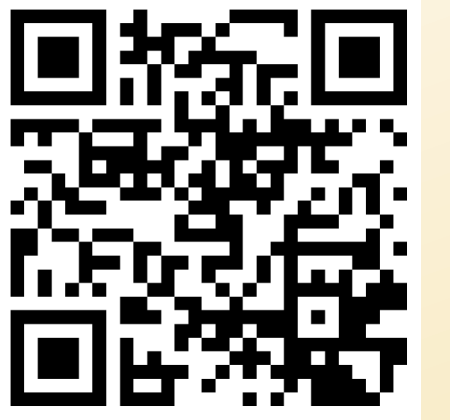




ZAMANI PROJECT

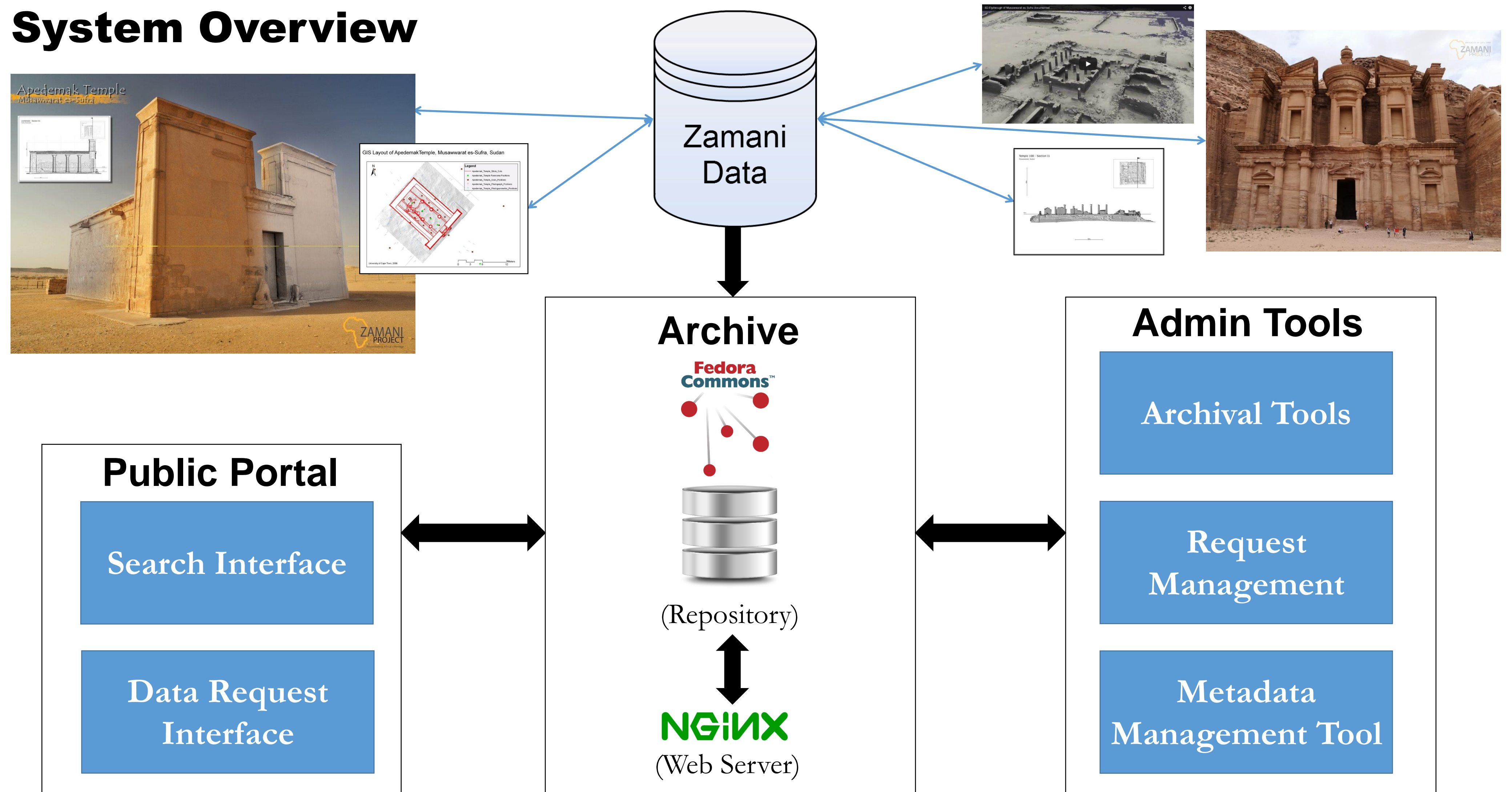
Data Archive



Aim

The Zamani Data Archive aims to manage the Zamani Project's large collection of spatial data. The system comprises of a Public Portal, Archive and Administrative Tools.

System Overview



Public Portal

Search Interface

The Search Interface allows for navigation through the data with search and discovery metaphors, namely: text-based search, collection-based search and faceted search.

Data Request Interface

The Data Request Interface allows users to request files, view file request states and download files.

Archive

Fedora

Fedora stores metadata representations of the Zamani data set, it also provides indexing and searching of this data using the Research Index Search (RIsearch), Generic Search Service (GSearch) and Solr.

Nginx

Nginx acts as both a Webserver, serving static content and downloads and a proxy server to relay requests to Fedora.

Admin Tools

Archival Tools

The tool offers ingestion and purging of metadata.

Request Management

This functionality allows an administrator to accept or decline file requests.

Metadata Management Tool

The tool offers a wide variety of user tasks, with the aim of producing descriptive metadata. Notably the tool offers persistence of metadata sets via its save and load functionality and batch modification.

Conclusion

This project produced the Zamani Data Archive, which was deemed production ready by the Zamani Project team. Additionally, usability testing confirmed that the system provided good to excellent levels of usability.



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