WitCore

PROJECT
PROPOSAL.

Preparerd for : Land Commision

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University of Ghana

APPLICATION OVERVIEW

Project Background

We had noticed that multiple people had complained about the process of buying land in Ghana, hence we decided to attack this issue by going to the general over seers of lands, this led us to the land commission office in Accra. We had an opportunity to have a meeting with them to inquire if there were any areas in their business that required the assistance of a software system in order to help them help others in the buying, selling and registration of land.

Description

The solution we intend to provide is meant to make it easy for customers to sell their land as well as buy land. This was designed in order to reduce the complexity of buying and selling lands in Ghana as well as reduce the time to confirm details about land. Ultimately, this would reduce staff cost as well as lead to a higher productivity

PROJECT SCOPE

Benefits

• Time-efficient: The system eliminates the time spent when travelling to the lands commission to submit indenture for confirmation. As well as going to check the rightful owner of the land.

• Validation: This is because all lands being sold have undergone background checks to confirm the owner and the size allocated. Preventing Scamming or Fraud.

• Cost-efficient: The system eliminates the travel cost incurred as well as not having to necessarily be in the country to make purchase

• Preference: This system gives details on the properties to the buyers depending on the preference chosen

• Easy tracking: Locations to destination interested land

Limitations

• System relies heavily on a third party for information, the land commission office

HIGH-LEVEL REQUIREMENTS

The new system must include the following:

• Ability to allow both internal and external users to access the application without downloading any software

• Ability to interface with the existing data warehouse application

• Ability to incorporate automated routing and notifications based on business rules

IMPLEMENTATION PLAN

The product helps the user to make good decisions regarding buying or selling of valuable property. Prior to this online system, this process involves a lot of travelling cost and searching time. Due to this system, the user does not have to travel much and can look for the property it is searching for. This platform is centralizing the processes undergone during the purchasing and selling of land. There are 3 main interfaces; The Buyer Interface, The Seller Interface and Confirmation Interface. The Buyer interface displays all the information regarding the land such as the size of the land, Co-ordinates of the land, the vegetation as well as the price of the land. The Seller interface allows the Seller of the land to input data such as the co-ordinates of the land (from the land indenture), pictures of the land as well as a QR code at the back of the indenture sheet which is used to verify the co-ordinates provided by the land surveyor. The Confirmation interface viewed by the Verifiers of Land at the Lands Commission, they handle checking the rightful owner as well as the history of transaction undertaken on that particular land based on the indenture uploaded using the QR Code. After confirmation is done, then the land can be uploaded for sale.