



AMHARA IPDC LAND INFORMATION AND GEO-SPATIAL DATA MANAGEMENT SYSTEM

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01

INTRODUCTION ABOUT IPDC

Introduction



Introduction

continued...

Amhara national regional government Industrial Parks Development Corporation was established by the Regional Government Council in November 2008 to manage multi-purpose industrial villages, integrated agro-industrial parks, industrial sheds, and cluster centers in accordance with the Government Development Organization Establishment Proclamation and Rule No. 143/2008.

Introduction

continued...

- By starting work, it has been carrying out activities such as transferring land to the manufacturing industry sector, developing infrastructure, and so on, in order to expand industrial development in the region and accelerate the economic transition from agriculture to industry. The corporation is carrying out its work by opening eight of Œes

Introduction

continued...

- by creating a structural organization that takes into account the investment f bw to facilitate the execution of its tasks and responsibilities in an accessible way. It is managing 287 promising industrial projects, 2 industrial sheds and 5 cluster centers in the four multipurpose industrial villages it took over at the end of December 2013.

Introduction

continued...

- By preparing and taking the service delivery standards issued by the corporation as a principle and by updating the information management system to make the service delivery system efficient, it is providing a comparatively efficient service, taking into account the technological development, convenience for customers, as well as the expanding information system, and believing that it is necessary to have an integrated information system in one database.

Introduction

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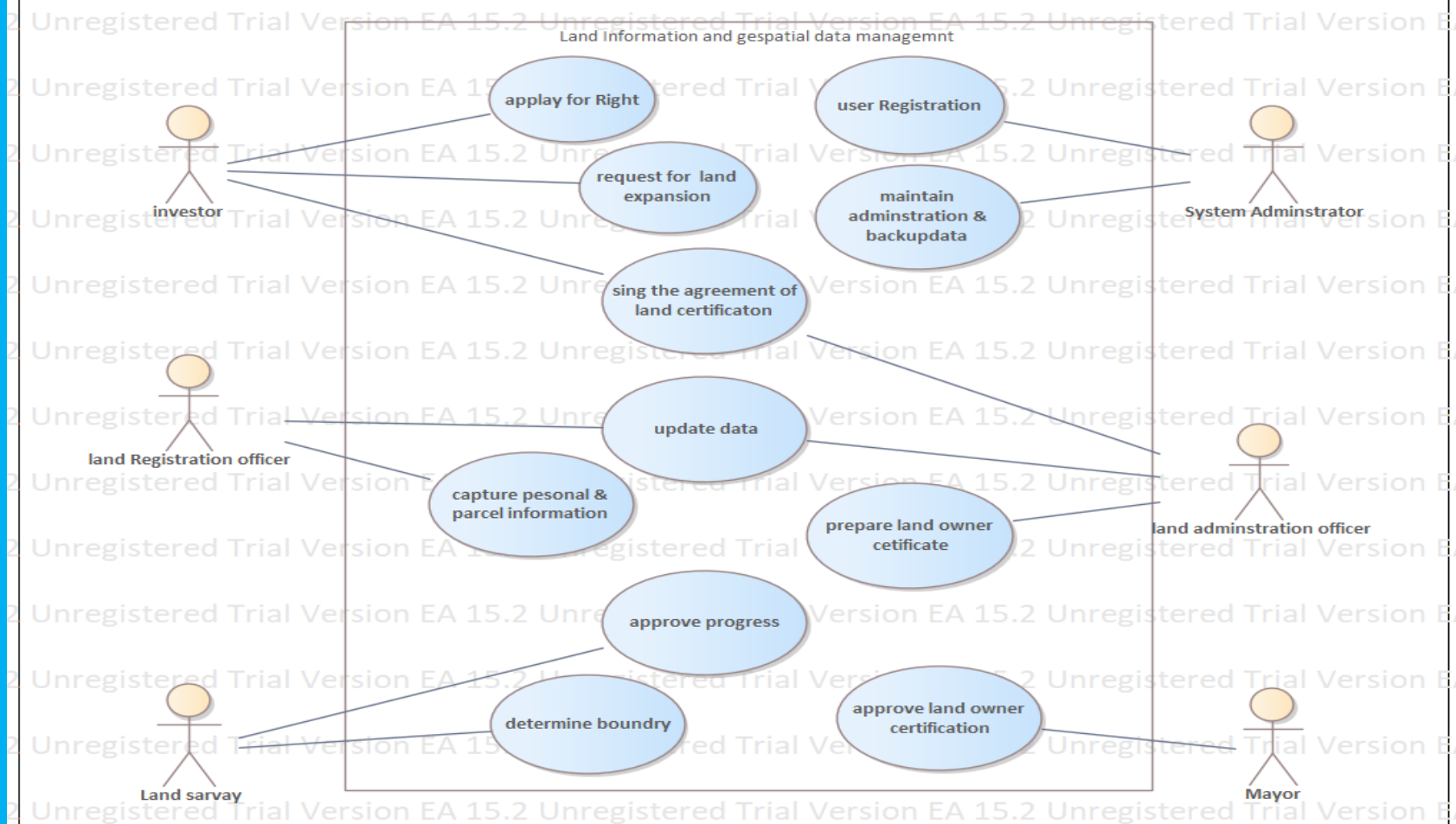
- According to our memorandum of understanding with Debre Barhan University, a plan has been drawn up to carry out the work and work is being done to put it into motion. Therefore, this business need document has been prepared to enable the implementation of this information technology project.

02

USE CASE DIAGRAM FOR THE SYSTEM

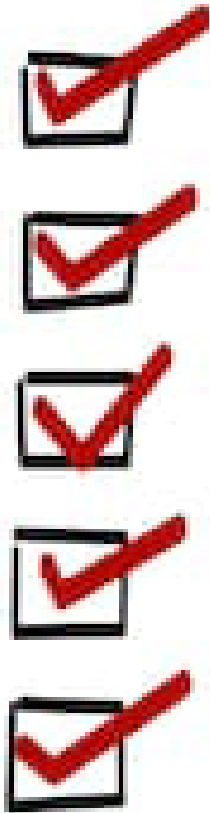
**Use Case
Diagram?**

uc Structured Use Cases



03

REQUIREMENTS GATHERED



Requirements



Non-functional Requirements

- It's aimed to change the existing system access database and geo-database information holding system.
- It should be Ease of use for clients and robust system
- It should be useful to enhance the information exchanging system and reporting system

Functional requirements

- ✓ The system which is going to be developed should be connected with the GIS
- ✓ The system should be able to upload files and pictures of documents
- ✓ The system should be able to take photos
- ✓ The system should be able to track report and show it

...continued

- ✓ The system should have report module and make office supported export,email and etc...
- ✓ The system should have enough communication system with customer

04

About the system



4.1 Constraints.

This section is to describe the various conditions and limitations we currently have that need to be taken into account. These sub-items may be a reason to not be able to fully carry out the assignment according to plan.

- power shortage which is happening through all the summer.
- Not enough information provided to carry out our tasks in time.

4.2 Office system.

This application would be an authorized application that would be used in the office to communicate with different stakeholders and manage the overall process

4.3 Application Type

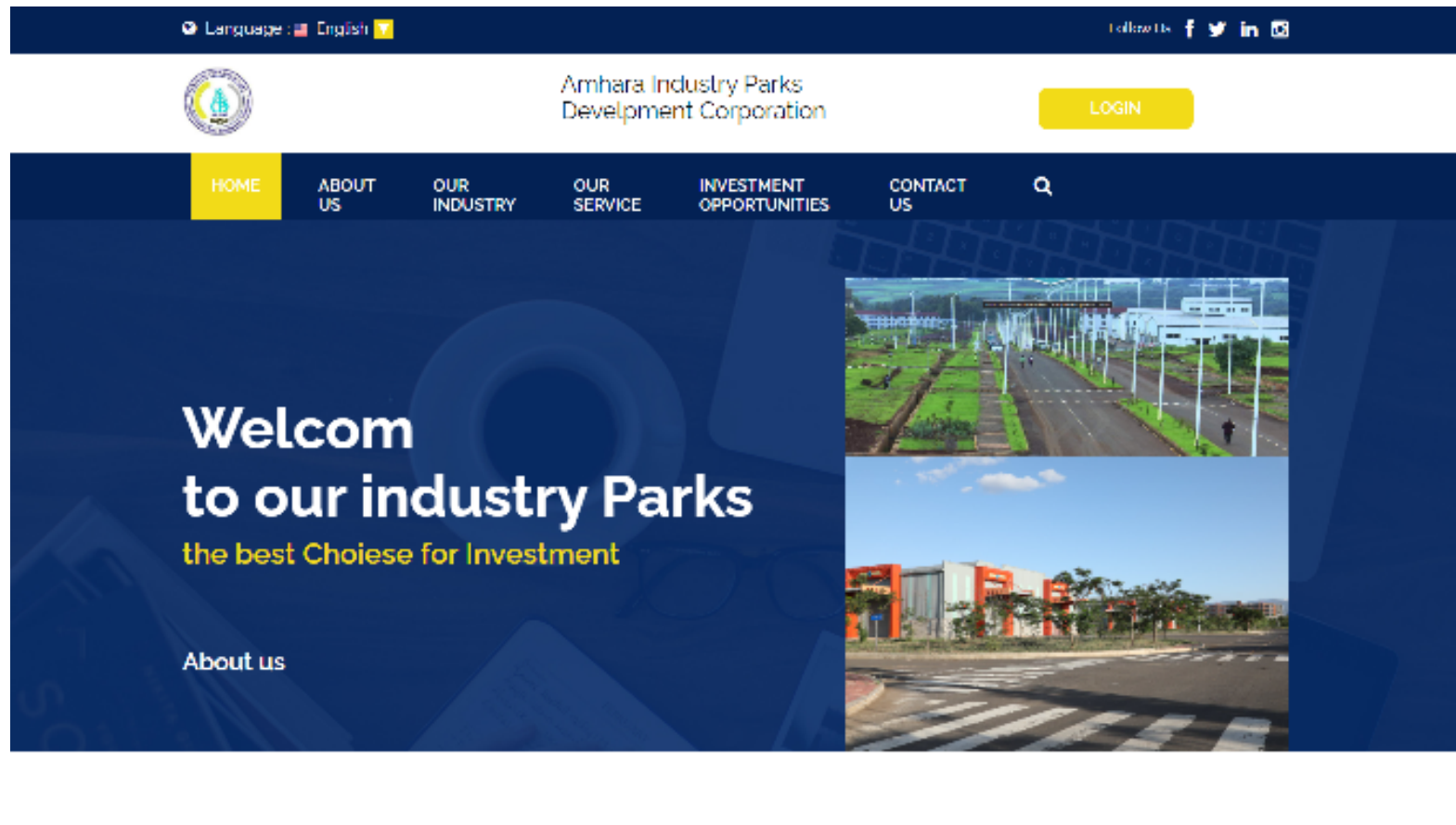
Web based Application

4.4 Roles (Permission)

There are five types of application permission for this web application

- land registration Officer
- system administrator
- mayor
- land administration officer
- land survey

4.5 Design Draft.



Our Team



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Thank you!