Pilot Implementation of OpenLGU Accounting Module in Orani, Bataan

BY: JAEZELLE RAYE F. INOCENCIO
ADVISER: DANILO J. MERCADO

INTRODUCTION

INTRODUCTION

METHODOLOGY

System Requirements

- Framework : Yii 2.0 Framework 2.0.15.1

- Database: PostgreSQL, phpPgAdmin

- Server: WAMP

- Basic: HTML5, CSS3, Javascript, AJAX, PHP 5.6.25

IMPLEMENTATION AND BUILDING THE SYSTEM

- **Database**: The database of the system is changed and improved based on the data flow and dependencies of the modules.

- **Modules:** The important modules of the Accounting System is implemented with the additional changes with all the functionalities and in Accounting codes.

IMPLEMENTATION AND BUILDING THE SYSTEM

- **User Interface:** The new system used a Yii 2.0 framework which is a great improvement compare to the previous version. Upon improving the system, user-friendliness is the main priority since different people will be using it.
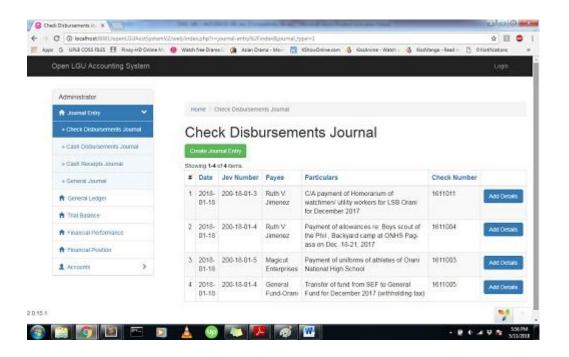
- **Users:** The system is always presented to the client and discussed if it meets their requirement.
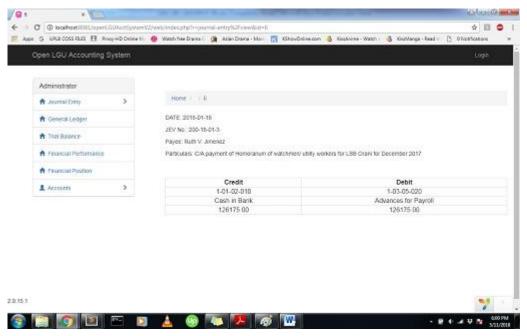
RESULTS AND DISCUSSION

RESULTS AND DISCUSSION

- The four types of Journal Entry: Check Disbursement Journal, Cash Disbursement Journal, Cash Receipts Journal and General Journal were successfully implemented
- These journals will be posted with their respective ledger accounts
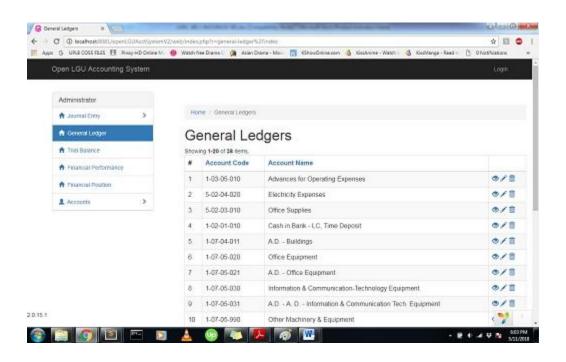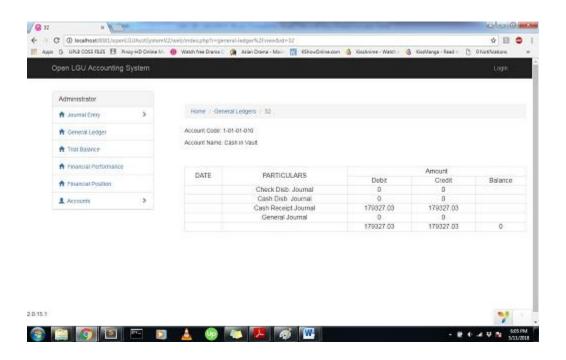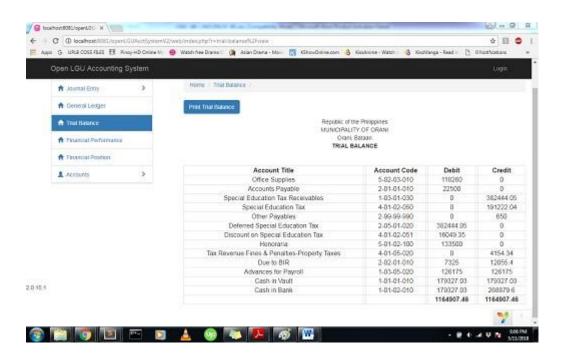- Through this we can get the Trial Balance

JOURNAL ENTRY

JOURNAL DETAILS

GENERAL LEDGER

LEDGER ACCOUNT

TRIAL BALANCE

SYSTEM USABILITY SCALE

- There are four respondents who tried the system.
  - 1 Municipal Accountant
  - 3 Regular employees

- The total score gathered is 285. The average SUS is 71.25.

CONCLUSION
AND
FUTURE WORKS

CONCLUSION AND FUTURE WORKS

The Pilot Implementation of the Accounting Module is successful. The user interface is user-friendly and improved a lot compare to the previous system. The system will be improved with the addition of the Statement of Financial Position , Statement of Financial Performance and generate reports in PDF form.