Indira College of Commerce and Science

Project Synopsis

On

“Efficient clustering algorithm to segregate tests based on execution behavior”

Academic Year:

**2018-19 Semester IV**

Front End/Back End/Technologies to be used:

**Python 3.0, anaconda**

**MYSQL**

Platform (Operating System):

**Windows**

Team Members:

Ganesh Londhe

(MCS-II, Roll No:23)

**Description:**

This project is developing to automate the sales department activities of an organization. This department is in action when an enquiry is made for some items and against which the sales order is given. This order have to be fulfilled and respective stock has to be managed. The order verification for the respective order have to be done.

**Efficient clustering algorithm to segregate tests based on execution behavior**

This project is developed to separate the tests based on the behavior using clustering algorithms.

***(At least 2 Paragraphs of detailed description must be there)***

**Scope of the system:**

*This project automates below listed activities. Following things can be achieved.*

* *User can make an enquiry; the receipt for enquiry will get printed.*
* *Sales order can be generated.*
* *Stock verification for sales can be done.*
* *Stock maintenance can be done*
* *Various reports for sales like daily, weekly etc will be printed.*

**Possible Outcomes of the System:**

* *User Authentication*
* *Enquiry Processing*
* *Sales order processing*
* *Daily reports*
* *Weekly Reports*
* *Nil stock report*
* *Monthly report*
* *Yearly report*
* *Customer wise report*

**Advantages of the system:**

* *The system is to automate the sales system so that the process stores the entire information in computers for no. of years.*
* *Many reports are generated which are not there in current systems*
* *Well suited for small scale business.*

**Limitations of the system:**

* *Nil Stock report is not generated.*
* *Analysis of yearly report is not generated.*

**Sample Screens: *(if any)***