

DETECTING ANOMALOUS INSIDERS IN COLLABORATIVE INFORMATION SYSTEMS

**A project report submitted in partial fulfilment of the requirement of
Jawaharlal Nehru Technological University for the award of the
degree of
Bachelor of Technology in
Computer Science and Engineering**

Team Members:

A.S.S.BHARADWAZA (11T81A0525)

T.NAVEEN KUMAR (11T81A0517)

P.SAI ARUN KUMAR (11T81A0528)

Under the guidance of

Mr. Ravinder Reddy, Asst.professor, CSE Dept.



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(Affiliated to JNT University, Hyderabad)

Piglipur, Batasingaram (V), Hayathnagar (M), R.R.Dist, Hyderabad-501512.

2013-14.

Department of Computer Science and Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram (V), Hayathnagar (M), R.R.Dist,

Hyderabad – 501 512.



CERTIFICATE

This is to certify that the project report entitled “**Detecting Anomalous Insiders in Collaborative Information Systems**” being submitted by

Team Members:

- A.S.S.BHARADWAZA(11T81A0525)
- T.NAVEEN KUMAR(11T81A0517)
- P.SAI ARUN KUMAR(11T81A0528)

In a partial fulfilment of the requirements for the award of degree of **Bachelor of Technology** Degree in **Computer Science and Engineering**, **Jawaharlal Nehru Technological University, Hyderabad**, is a record of the bonafied work carried out by them during the academic year **2013-2014** under our guidance and supervision.

Mr. Ravinder Reddy

Asst. Professor, CSE Dept.

Internal Guide.

B.Sujatha

Asst. Professor, CSE Dept.

Project Co-ordinator,

Prof. B. Ratnakanth,

Head of the Department

Department of Computer Science and Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram (V), Hayathnagar (M), R.R.Dist,

Hyderabad – 501 512.



DECLARATION BY THE CANDIDATES

This is to certify that the work reported in the present thesis entitled “**Oracle database maintenance project**” is a record work done by me /us under the guidance of Mr. **Ravinder Reddy**,
Asst.professor, CSE Dept.

- A.S.S.BHARADWAZA(11T81A0525)
- T.NAVEEN KUMAR(11T81A0517)
- P.SAI ARUN KUMAR(11T81A0528)

In the **Department of Computer Science & Engineering, Annamacharya Institute of Technology &Sciences, Pigilpur, Batasingaram.**

This is a record bonafide work carried out by me/us and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this thesis have not been submitted to any other University or Institute for the award of Degree.

Name of the Students and their signatures

A.S.S.BHARADWAZA (11T81A0525)

T.NAVEEN KUMAR (11T81A0517)

P.SAI ARUN KUMAR (11T81A0528)

ACKNOWLEDGMENT

The satisfaction that accompanies the successful completion of a project would be incomplete without the people who made it possible. Their constant guidance and encouragement crowned my efforts with success.

We are obliged and grateful to our **Executive director Mr. C. Abhishek Reddy**, Annamacharya group of institutions, for allowing us to carry out project. Our special thanks to **Director Dr.S.Nagabhushana Rao**, for their encouragement shown towards us to complete the project.

We wish to extend my sincere thanks to Principal **Dr.R.Ramesh Reddy**, for giving us the permission to carry out this mini project.

I express my gratitude to **Prof.B.Ratnakanth**, Head of the Department, Department of Computer Science& Engineering, ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, for giving support to do this project.

I wish to express my sincere gratitude to my guide **Mr. Ravinder Reddy**, Asst.professor, Department of Computer Science and Engineering for being a driving force all through the way. The project would not be so smooth and so interesting without his encouragement. I am indebted to the Department of Computer Science &Engineering and AITS for providing me with all the required facility to carry my work in a congenial environment

We are grateful to our project coordinator **Ms.B.Sujatha**, Asst.professor for her valuable suggestions, supervision, and constant guidance given by her during the execution of this mini project.

We would like to thank the Teaching and Non-Teaching staff of CSE Department for sharing their valuable time and knowledge with us.