

REMOTE DESKTOP APPLICATION



PROJECT REPORT

Submitted by

DEVENDRA KUMAR SAHU

Under the guidance of

Mr.Amit Gautam

in partial fulfillment for the award of the degree

of

MSc. (CS) 4th SEM

In

SCHOOL OF INFORMATION TECHNOLOGY

MATS UNIVERSITY, RAIPUR (C.G)

May 2015

DECLARATION

This is to certify that project work entitled “**REMOTE DESKTOP APPLICATION**” is submitted by **DEVENDRA KUMAR SAHU** in complete fulfillment of the requirement of award of degree of Master of Science (Computer Science) **MSc(CS)** offered at **MATS University** comprises my/our original work and due acknowledgement has been made in the text to all related references used

We the undersigned solemnly declare that the Major project report entitled “**REMOTE DESKTOP APPLICATION**” is based on my own work carried out under the supervision of **Mr. Amit Gautam, Assistant Professor, MATS University Raipur.**

I assert that statement made and conclusion drawn are an outcome of the project work .I further declare that the best of my knowledge and belief that report does not contain any part of any work has been submitted before.

Signature of Candidate

DEVENDRA KUMAR SAHU
(ID No. MU13MSCCS02)

ACKNOWLEDGMENT

I am highly grateful to **Ms. Rita Dewanjee**, HOD, School of Information Technology, MATS University Raipur (CG.), for providing this opportunity to carry out the Project on “**REMOTE DESKTOP APPLICATION**”.

I would like to express my gratitude to other faculty members of School of Information Technology, MATS University Raipur (CG.) for providing academic inputs, guidance & encouragement throughout this period.

I sincerely convey my gratitude all the respected faculty members of the MATS School of Information Technology for all the guidance, continuous support and encouragement they have given to me for completing my assignment.

The help rendered by **Mr.Amit Gautam, Assistant Professor MATS, University,Raipur (C.G)**for experimentation is greatly acknowledged.

We express our indebtedness to all who have directly or indirectly contributed to the successful completion of my major project.

Abstract

A remote desktop Application system is an emerging client/server networked model for enterprise desktops. In this model, a shared pool of consolidated compute and storage servers host users' desktop applications and data respectively. End-users are allocated resources for a desktop session from the shared pool on-demand, and they interact with their applications over the network using remote display technologies. Understanding the detailed behavior of applications in these remote desktop utilities is crucial for more effective QoS management. However, there are challenges due to , complexity, and scale. In this paper, we present a detailed modeling of a remote desktop system through case study of an Office application. The characterization provides insights into workload and user model, the effect of remote display technology, and implications of shared infrastructure. We then apply these learning and modeling results for improved QoS resource management decisions – achieving over 90% improvement compared to state of the art allocation mechanisms. We also present discussion on generalizing a methodology for a broader applicability of model-driven resource management.

CERTIFICATE OF COMPLETION

This is to certify that the team of the following students of **MSc. (CS)** has completed the Project Work titled “**REMOTE DESKTOP APPLICATION**”. The project report has been written according to the guidelines given by the MATS School of Information Technology, MATS University, Raipur (C.G).

1) DEVENDRA KUMAR SAHU

Signature of the Head of Institution

Date:

Name of the Head of Institution

Place:

CERTIFICATE OF EVALUATION

This is to certify that the undersigned have assessed and evaluated the Project Work titled “**REMOTE DESKTOP APPLICATION**” submitted by the following students.

1) DEVENDRA KUMAR SAHU

The project Report has been (accepted / rejected) for the partial fulfillment of **MSc (CS)** program.

Signature of the External Examiner

Signature of the Internal Examiner

Name of the Examiner

Name of the Examiner

Stamp of the Institution

CERTIFICATE

This is to certify that the report of Major project submitted is an outcome of the project work entitled “**REMOTE DESKTOP APPLICATION**” carried out by DEVENDRA KUMAR SAHU & PRERNA SHUKLA under “**Mr. AMIT GAUTAM**” of **assistant professor Mats University Raipur**. Guidance and supervision for the Major project as per university curriculum.

To the best of my knowledge the report

- I. Embodies the work of the candidate himself/herself.
- II. Has duty been completed
- III. Is up to the desired standard for the purpose of which is submitted.

Signature

Mr. Amit Gautam

Asst. Professor of Mats University

Raipur Chhattisgarh