Special TEAM

START UP ENTREPRENEUR'S

BOOK OF ABSTRACTS 2015

Scan and Contact us :

USHA RAMA

Approved By AICTE, NEW DELHI. An ISO 9001-2008 Certified Organization.
Near Gannavaram, Telaprolu. Krishna District, Andhra Pradesh

About us

Special TEAM

Usha Rama College of Engineering and Technology, established by Usha Rama Educational Academy, with the aim of inculcating quality education to students and produce young technocrats having good knowledge. The college is approved by AICTE and affiliated to JNTU-Kakinada. It is sponsored by Chicago based Multi Million Dollar Advansoft group.

Advansoft Group made an extensive study of the functioning of premier educational institutions in India and abroad and had an extensive consultation with Industry, academicians and scholars, the efforts of which finally culminated in laying the foundation for the college in 2008. Even before the college commenced its functioning, an elaborate plan was drawn up for acclimatizing and absorbing the students predominantly hailing from a rural background, into an environment demanding learning of frontier technologies.

URCE has within a short span of time launches knowledge rehabilitation hub i.e,"The Start up Entrepreneurship of UshaRama" that has changed the meaning of Engineering. This book has its roots developed from Dec' 14. The WeekEnd Project (WEP) is a most awaiting programme for the special team who has been nominated, based on their interests and skills. The main goal of WEP plan is to develop a project, at the weekend were the related training held for the whole week.WEP programme creates a platform for the students to impress, inspire and initiate towards the technologies, no matter "who you are?" and "what you do?" we are here to change the academic knowledge to Industrial.

As per the "Book of Abstracts" is considered, the set of Industrial and real-time project abstracts are produced and developed by the students of Special Team with tremendous intelligence and hard work. These abstracts are very close to the market which makes them ready for facing the challenges in today's Information Technology.

"We Create The Future and it Remains as History of USHA RAMA."

OUR PARTNERS

Microsoft | Ed-Vantage PLATINUM | CAMPUS

IBM Career Education

intel Leap ahead

ORACLE

AdvanSoft International
Advance Towards success

WHY ARE WE SPECIAL.. ?

- WeekEnd Project.
- Research and Development.
- Problem Solving Methodology.
- Addiction Towards Technology.
- Sneaking and Exposed to IT-World.
- Trained to Perform in any Circumstances.

Special TEAM

TECHNOLOGIES

android

mongoDB

python™

django

MySQL®

Linux™

BiG DATA

Java

Crontab

TECHNOLOGIES

hadoop

CentOS

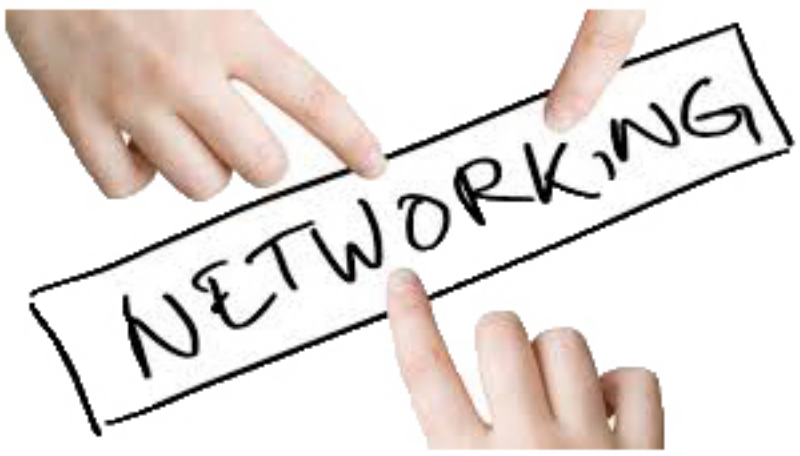
TESTING

Groovy

E-COMMERCE

SOCIAL-NETWORKING

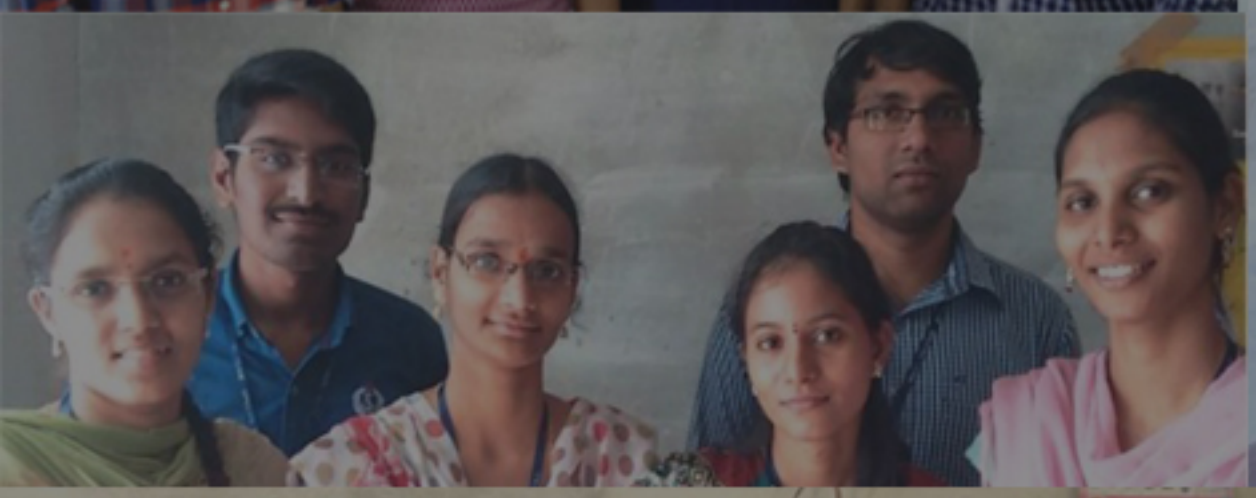
SELENIUM



ubuntu

Special Team Members 2014-15








Python Django

1

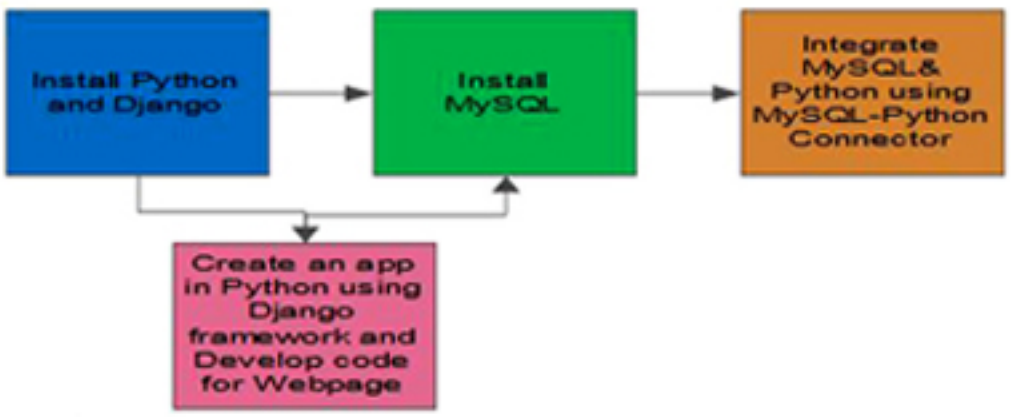
Design and Development of Online Social Cricket Networking using Python Django

Student Names	Rajeswari.Kesineni (Trainer) Viswakanth.Polimetla (PoC) Yoshitha.Kammili (Team Lead)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V.M. Mahesh - Technical Manager** **M. SambaSiva Rao - Chief Project Coordinator**

Keywords : Python, Django, MySQL

Abstract :

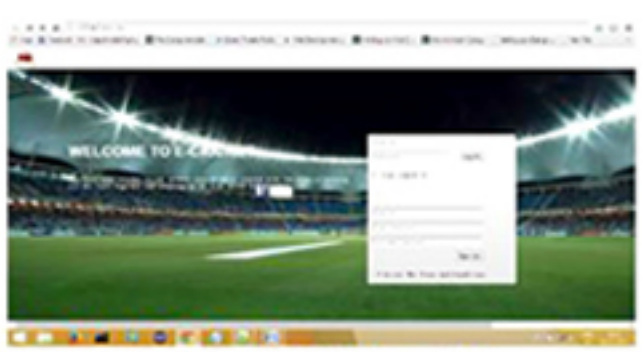
Social networking sites such as Facebook, LinkedIn, and MySpace allow individuals to present themselves, articulate their social networks, and establish or maintain connections with others. In addition to assessing bondingand bridging social relationships, weexplore a dimension of cricketers who assesses and stay connected with members of a different team community. This paper presents and rises a new era for the cricketers to upload their current scoring status, challenging the other teams from different communities through a sporting relationship. This website allows "Add Player", "player you may know", "challenges open", "notifications" etcwhich are designed and developed using python django and mysql.TheImplications of Social Cricket Networking site use for the development of cricketing relationships is discussed.



Flow Diagram of Creating Login Page

Screen Shots :

Starting the Server for our app



Login Page for E-Cricket website

Declaration:

We hereby declare thatprojectreported entitled **"Design and Development of SocialCricket Networking using Python Django and MySQL"** submitted by us to UshaRama College of engineering and technology, Telaprolu in partial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the **"start up entrepreneurship of Usha Rama".**We further declare that the work reported in this project has submitted in full.

Date: Signature of Authorities

Big Data Analysis

2

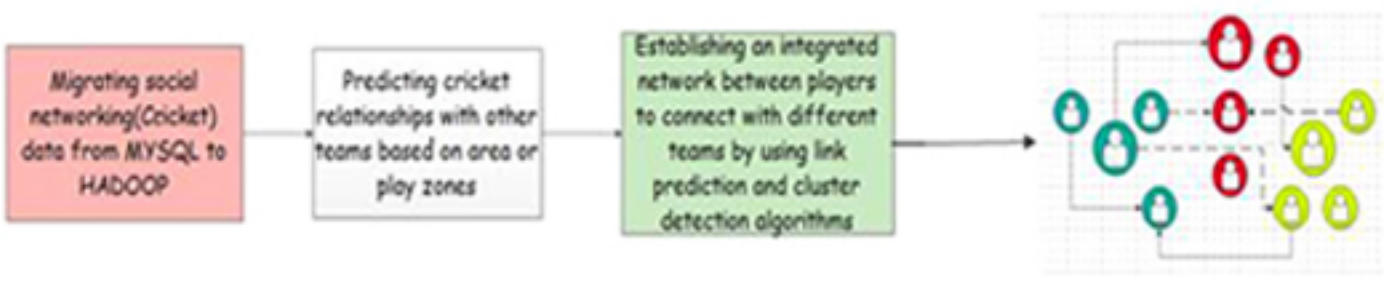
DESIGN AND ANALYSING THE ONLINE SOCIAL CRICKET NETWORKING USING BIG DATA-HADOOP

Student Names	P.SAI SREE VANAJA (Team Lead) AZMAL SHAIK (POC) SYED JAMEER (POC) K.SAI DILIP REDDY (EE)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V.M. Mahesh - Technical Manager** **M. SambaSiva Rao - Chief Project Coordinator**

Keywords : Hadoop, Analyzing,Prediction

Abstract :

Targeting the interests to play or a team with social cricket networking (e.g., play zones, teams and tournaments) and predicting cricketing relationship to build connections with other teams based on area or play zones. This paper illustrates the relationship between the player, team, ground and area. We propose a framework that exploits homophily to establish an integrated network linking a player to connect with different teams upon with mutual player list and also based on interest could be efficiently propagated. The proposed interest propagation framework devises a factor-based random walk model to explain cricketing connections, and simultaneously it uses a coupled latent factor model to uncover interest interactions. We discuss the flexibility of the framework in the choices of loss as well in detail.



Process flow of analysing players from different teams using customised link prediction algorithm

Screen Shots :

Social media raw data **Pig query Editor**

Declaration:

We hereby declare thatprojectreported entitled **"Design and Analyzing the Online Social Cricket Networking using Big data-Hadoop"** submitted by us to Usha Rama College of engineering and technology, Telaprolu in partial fulfillment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the **"startup entrepreneurship of UshaRama"**. We further declare that the work reported in this project has submitted in full

Date: Signature of Authorities

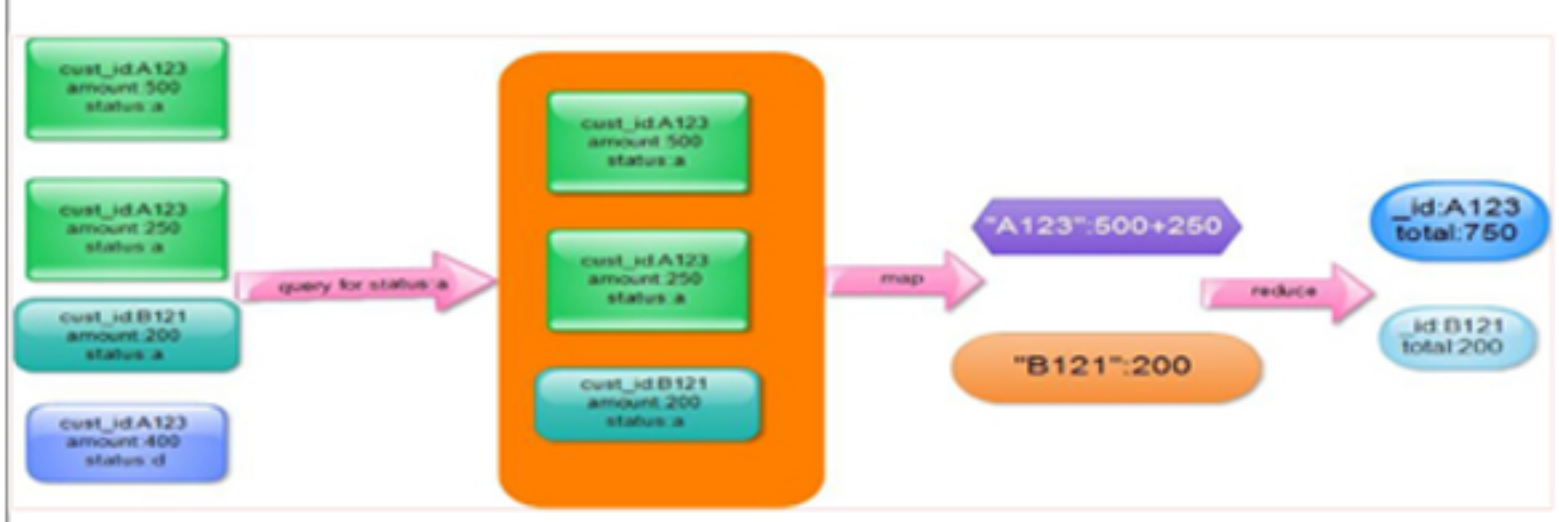
Design and Develop an e-commerce web application using Groovy on Grails and Mongodb

TEAM MEMBERS	BHAVIT SAI .MADDALI (PoC) KARTHIK. KUCHIBHATLA(EE) SAI KIRITI. GUJJARI(Trainee) SUVARNA ADDANKI(TL)	IT CSE
Academic Supervisor(s)		
Industrial Supervisor(s)	K.V.M.Mahesh -Technical Manager M.SambaSiva Rao-Chief Project Coordinator	

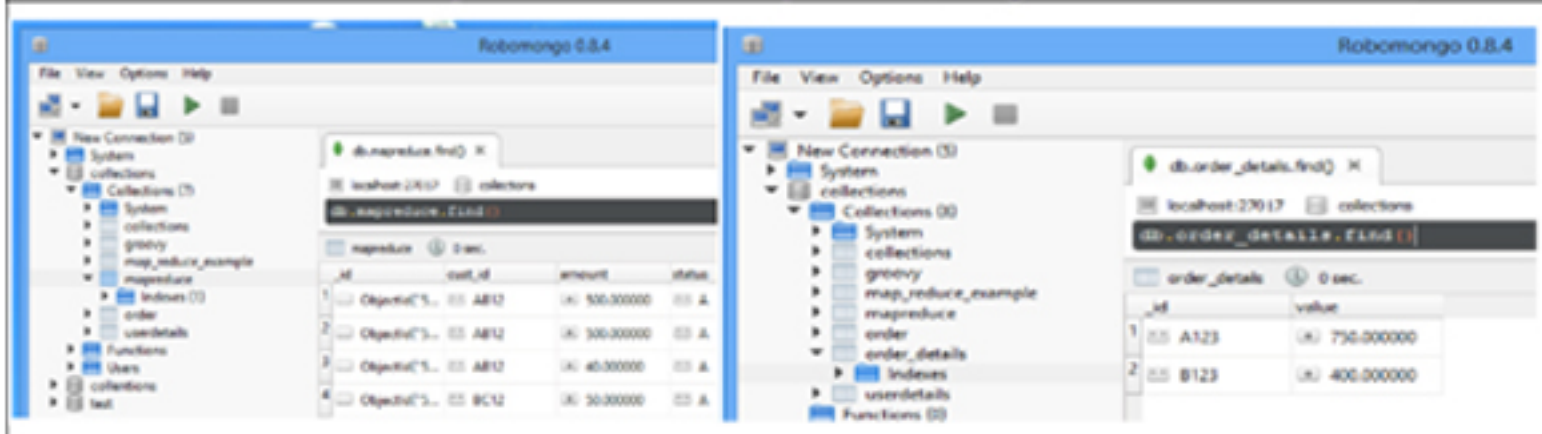
Keywords : DSL, Framework, Paypal, MongoDB, Groovy and Grails

ABSTRACT:

E-commerce is one of the best resulting markets these days. Integrating or adding plugins (paypal, paytm, share etc...) to the web-application is one of the trade generations in the e-commerce, which leads to several developing strategies. Grails, a web based framework that uses Groovy as its primary language which is based on spring framework makes application robust, re-use and extensible with a comfortable DSL(Domain Specific Language) using *GenericGroovy ApplicationContext*. This paper deals with Groovy and Grails which is speed, simple and a perfect match to the flexibility and power of MongoDB. Dozens of plugins and libraries connect these two together, making it to get Grooving with MongoDB.



process flow of Mapreduce using MONGODB



(A.)Before applying Map reduction

(B.) After Applying Map reduction

Declaration

We hereby declare that project reported entitled **"*Design and Develop an e-commerce web application using Groovy on Grails and MongoDB*" submitted by us to Usha Rama College of engineering and technology, Telaprolu in partial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the *"start up entrepreneurship of UshaRama"*. We further declare that the work reported in this project has submitted in full.**

Date

Signature of Authorities

E-Commerce Analysis 4

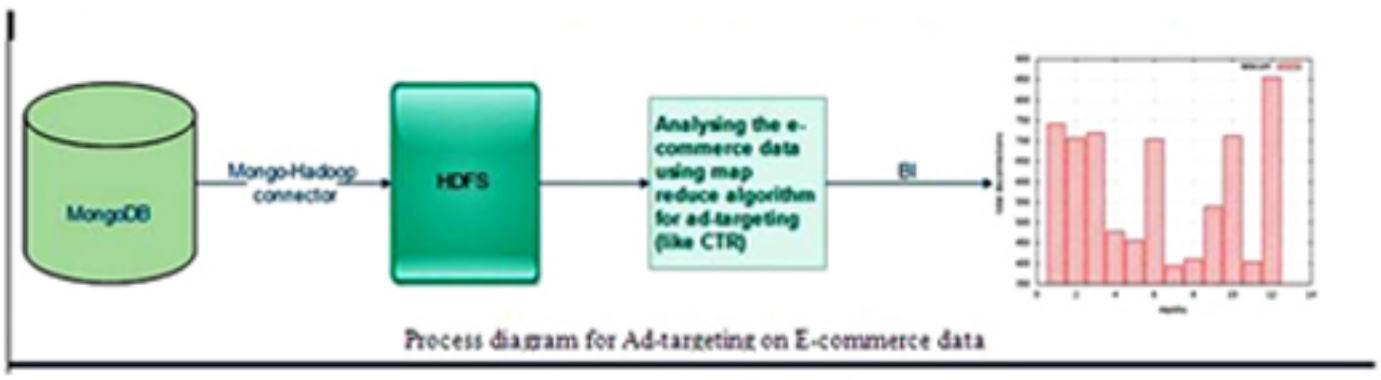
Design and Analyzing the E-commerce Web Application Using Hadoop

Student Names	PhaniBhushan Atluri (TL) Jayasree Meruga (PoC) Mukesh Vemulapally (Trainer) Naga Surya Kattuboina (EE)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V.M. Mahesh - Technical Manager** **M. SambaSiva Rao - Chief Project Coordinator**

Keywords : Analysis, Reporting,Gnuplot, Hadoop, Analytic

Abstract :

E commerce is one of the most popular funning and investing business fields on demand today. But, the business proceedings need to be organizational demands trading platforms, use of Web portals and mobile applications. So, the web based analytics is one of the online strategies to extend business processes on to World Wide Web. Social networking websites, sharing of product data and its reviews in blogs paves ways for promoting business in new methods. There is need to develop metrics to assess the strength of E-Commerce penetration in Business and also evaluate the various E-Commerce platforms. Use of E business tools for data analysis, prediction and decision making has become the latest order of the day.



Process diagram for Ad-targeting on E-commerce data

Screen Shots :

Raw data from E-commerce Website

Hive Query editor

E-Commerce Analysis 4

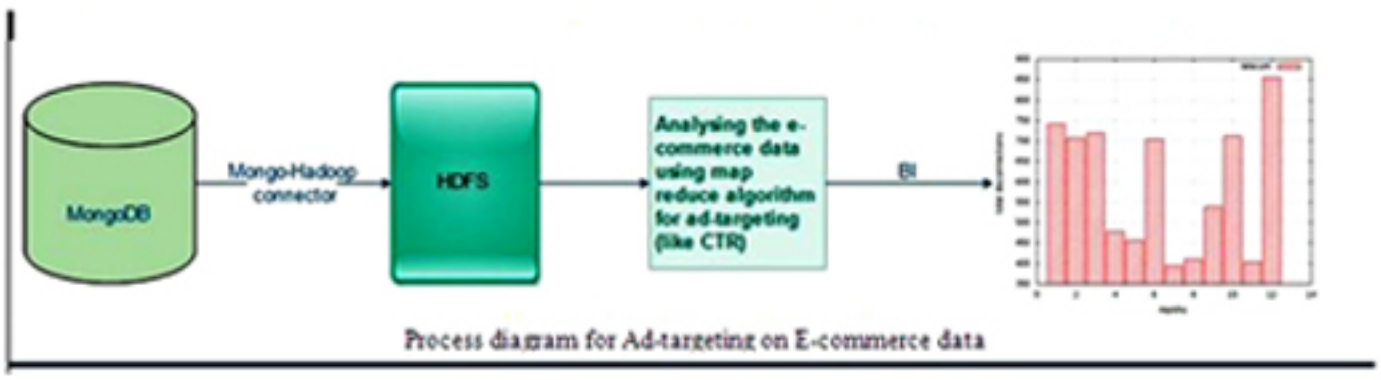
Design and Analyzing the E-commerce Web Application Using Hadoop

Student Names	PhaniBhushan Atluri (TL) Jayasree Meruga (PoC) Mukesh Vemulapally (Trainer) Naga Surya Kattuboina (EE)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V.M. Mahesh - Technical Manager** **M. SambaSiva Rao - Chief Project Coordinator**

Keywords : Analysis, Reporting,Gnuplot, Hadoop, Analytic

Abstract :

E commerce is one of the most popular funning and investing business fields on demand today. But, the business proceedings need to be organizational demands trading platforms, use of Web portals and mobile applications. So, the web based analytics is one of the online strategies to extend business processes on to World Wide Web. Social networking websites, sharing of product data and its reviews in blogs paves ways for promoting business in new methods. There is need to develop metrics to assess the strength of E-Commerce penetration in Business and also evaluate the various E-Commerce platforms. Use of E business tools for data analysis, prediction and decision making has become the latest order of the day.



Process diagram for Ad-targeting on E-commerce data

Screen Shots :

Raw data from E-commerce Website

Hive Query editor

Special TEAM

Design, Predict and Modulate the Mining model to Online Social Cricket Networking

Team Members	Anudeep.G (Trainer) Durga Rishitha.J (Executive Engineer) Girish.T (Team Lead) Naga Mounika.A (Executive Engineer) Naveen Kumar.S (PoC) Varun Pavan Kanth.Ch (Product Supporter)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V. Muni Maheshkumar (Technical Manager)** **Dr. A. Madhan Mohan Rao (Mathematician)** **M. Samba Siva Rao (Chief Project Co-ordinator)**

Keywords : Clustering, Classifications ,Estimations, Regressions

Abstract :

Cricket is one of the popular games played across the globe.But, the complex rules affecting the outcome of a cricket match has significant challenges for accurate prediction i.e., pitch conditions, whether, due, D/L etc... where as other sports have quality model existing in accordance to the variance. This paper considers, predicts and declares the natural decision of winning or losing matches using data mining concepts like clustering, time series, classifications and estimations along with the regressions. Apart from predictions the algorithm finds, a solution in achieving the target, discovering the loops,recommending places to hit etc...The significance of the algorithm is tested and implemented in various test case scenarios for better outcome.

Formula :

$$V(b,w) = r(b,r) + p(b,w)\,V(b+1,w+1,r) + (1-p(b,w))\,V(b+1,w,r)$$

Screen Shots :

Look and feel of Winner's Predictor

Working still of execution

Declaration

We hereby declare that project reported entitled ***"Design, Predict and Modulate the Mining model to Online Social Cricket Networking"*** submitted by us to Usha Rama College of engineering and technology, Telaprolu in partial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under ***the start up entrepreneurship of UshaRama.*** We further declare that the work reported in this project has submitted in full.

Date: Signature of Authorities

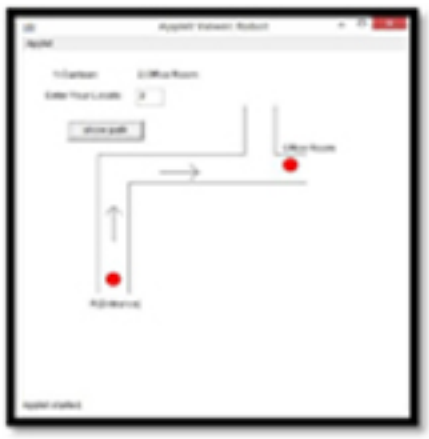
Analyze and Test the web applications using RFT & RQM

TEAM of Testers	Chaitanya.B(TL) Chandini.A(PoC) Garghavi.K(Trainer) Kavya Sri.G(EE) Lakshamana Naga Kiran.N(Pdt Supp) Mounika.K(EE)	IT CSE EEE
Academic Supervisor(s)		
Industrial Supervisor(s)	K.V.M.Mahesh -Technical Manager M.SambaSiva Rao-Chief Project Coordinator	

Keywords: RFT,RQM

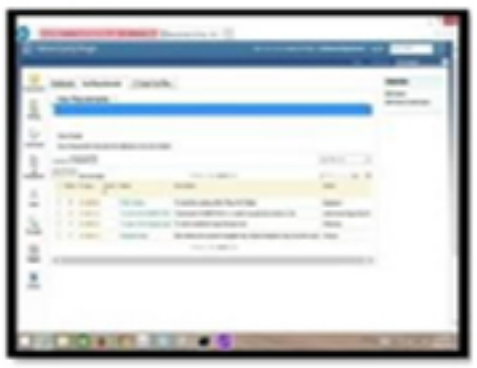
Abstract:

Web applications can be composed of several self contained web services .Such applications are usually modified to fix errors or to enhance their functionality. After modifications, regression testing is essential to ensure that modifications do not lead to adverse effects. In this paper, the method of a safe regression testing algorithm that selects an adequate number of non-redundant test sequences aiming to find modification-related errors. The algorithm tests the connecting to a newly established composed web service, adding or removing an operation in any of the composed web services and finally modifying the specification of the web application too. The main actions to be performed are adding, deleting and fixing along with the impact the quality assurance.



Tested results using RFT

Final result using RFT



Tested result using RQM

Test Processing using RQM

Bugs issues

Declaration

We hereby declare that project reported entitled "***Analyze and Test the web applications using RFT & RQM***" submitted by us to Usha Rama College of engineering and technology, Telaprolu in partial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the "***start-up entrepreneurship of* UshaRama"**. We further declare that the work reported in this project has submitted in full.

Date

Signature of Authorities

Android

7

USING ANDROID BASED MOBILE APPLICATIONS

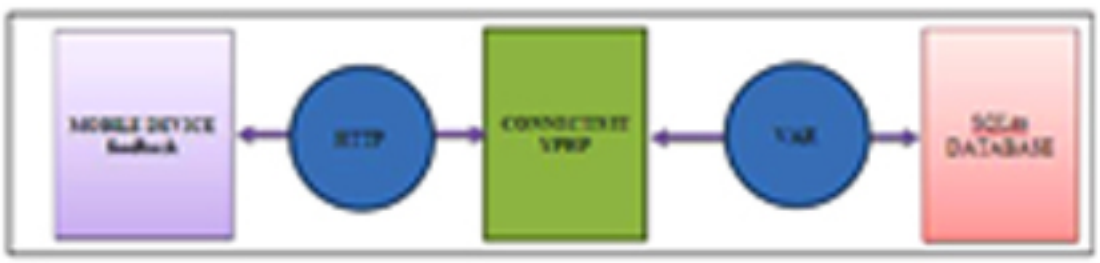
Student Names	Sita Rama Raju. CH (Team Leader) Sruthi. M (Point Of Contact) Leela. Y (Product-Support) Rahul. K (Product-Support) Likitha. K (Product-Support)
Academic Supervisor(s)	
Industrial Supervisor(s)	**K.V.M.Mahesh - Technical Manager** **M.SambaSiva Rao - Chief Project Coordinator** **K.Sri Harsha - Chief project Trainee**

Keywords : JAVA, XML, SQLite, Android SDK Tool, AVD

Abstract :

Modernhand held devices such as smarts phones and PDAs have become increasingly powerful in recent years. Dramatic breakthroughs in processing power along with the number of extra features included in these devices have opened the doors to a wide range of commercial possibilities. In particular, most cell phones regularly these include cameras, processors comparable to PCs from only a few year ago, and internet access. However, even with all these added ability and perform, there are a few applications that allows much passing of the environmental information and location based services.

In short, we will be using them to accomplish our daily task. One application that falls into this category is the Feed Back Form Application for Android phones. The project is developed in Java Programming Language by using the of Eclipse Ganymede Integrated Development Environment (IDE).We use Android Software Development kit (SDK) which includes a variety a custom toolsthat helpus to develop the mobile applications on the platform. The most important are the Android Emulator and the Android Development Tools (ADT) plug-in for Eclipse.



Screen Shots :

Block diagram of java code under implementation

Screenshot of XMLLayout Output of message Location

Declaration:

We hereby declare that project reported entitled **"USING ANDROID BASED MOBLIE APPLICATION"** submitted by us to Usha Rama College of engineering and technology, Telaprolu inpartial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the **start-up entrepreneurship of UshaRama**. I further declare that the work reported in this project has submitted in full.

Date: Signature of Authorities

Private Cloud

8

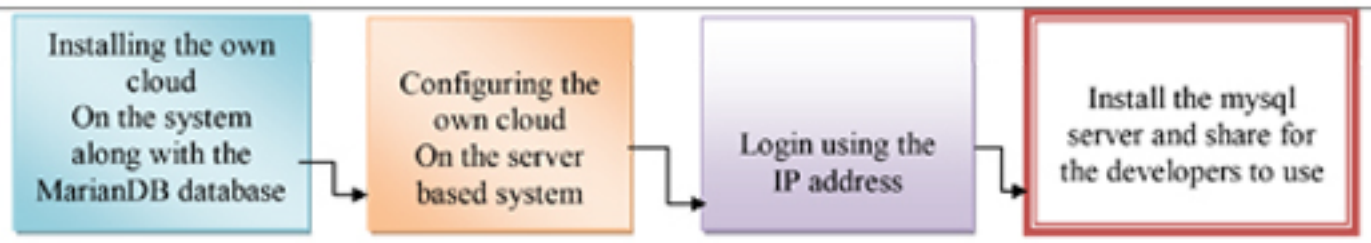
Development of Private cloud setup for the corporate usage

TEAM NAME'S	*BABU AKHIL. PUVVALA(PoC)* *SIVA PRAKASH. CHINTA (TL)*	*IT* *CSE*
Academic Supervisor(s)		
Industrial Supervisor(s)	*K.V.M.Mahesh - Technical Manager* *P. Ravindra - Networking project coordinator*	

Keywords : *Private Cloud, Firewall*

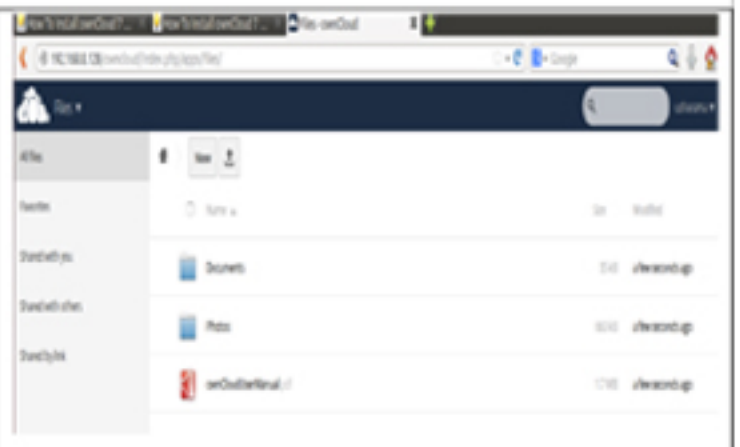
ABSTRACT:

*Private cloud platform is implemented within the corporate **firewall** for making all the requirements fit in handled security. A private cloud is designed to offer the same features and benefits of public cloud systems, but removes a number of objections to the cloud computing model including control over enterprise. This paper illustrates the administration of private cloud, security measurements and installing **MySQL** on cloud for serving developers to interact and initiate the queries on cloud.*



Process diagram for the installation procedure of private cloud with mysql server enabled

(a)Login page for private cloud



(b) file manager for private cloud

Declaration

We hereby declare that project reported entitled "***Development of Private cloud setup for the corporate usage***" submitted by us to Usha Rama College of engineering and technology, Teleprolu in partial fulfilment of the requirement for the award of the degree of B-Tech is a record of bonified project work carried out by us under the startup entrepreneurship of UshaRama. I further declare that the work reported in this project has submitted in full.

Date

Signature of Authorities

Special TEAM

"We create future and it remains as "

"The History of UshaRama."

JK