A Report on the Mock Interviews Conducted for Students of MCA IV Semester in April 2011 at the ELTC

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Abstract—**A mock interview was conducted for students of MCA IV Semester, University of Hyderabad on 9, 10 Apr-2011 with the help of the management and experts from outside. The Interview panel assessed the technical and communication competence of the students and gave them individual and group feedback on their performances. Students found it to be a good rehearsal for actual job interview. it was treated as a part of placement related training and continuous assessment of the students during the course.**

Index Terms—**communicative competence (ability to express effectively), body language (or) non-verbal communication, mother tongue (L1 influence)**

I. INTRODUCTION AND OBJECTIVES

Job interviews can be a source of concern for students and graduates who haven't had much experience with them. Mock interviews (MI) help to make them less so. Perhaps the most important key to a successful interview is to be well-prepared for it and to have some knowledge of what to expect. Armed with this information the students would be able to approach interview with confidence and ease. Based on actual job interviews the MI provides a key to success.

With this idea in mind, MI have been conducted for the students of MCA IV Semester as a part of the Communication Skills Course. The exercise was designed to simulate and give the students an insight into the real time interviews and make them aware of what to expect and also how they themselves perform in such a situation.

II. SCOPE AND METHODOLOGY

The MI was treated as a part of the continuous assessment of the students during the course. Resume and the Interview have been treated as two separate internal tests with a maximum of 20 marks allotted to each. Within the 20 marks allotted to the MI, 12 marks were allotted for technical competence and 8 marks for communicative competence. The Parameters for testing have been presented below:

1. TECHNICAL COMPETENCE

Experience /Project work	Basics/SDLC/ OS / IT Trends	DB / Prog Lang.	Web Tech	Remarks

2 . COMMUNICATIVE COMPETENCE

Language Skills	Body Language / Attire Mannerism	Presentation Skills	Attitude	Remarks

The panel consisted of two experts from the IT industry, Ms Prabha Subramanian and Mr. Srinivas Ravinuthala and two from communication skills training area Dr. Aruna Lolla and Ms. Sridevi Tulasi. It scrutinized all the Resumes submitted by the students a week earlier and framed suitable interview questions for each candidate. There were 54 students in the whole class and the panel allotted around 15-20 minutes for each 'candidate'. The mock interview for the students included the following:

► A Job Description (Software development engineer) was given to the students
► Preparation of Resume reflecting on the job position they were supposed to be applying for
► Formal Interview with the panel.
► Job Interview Questions pertaining both to general and IT related topics
► Performance appraisal with Individual feedback and suggestions to the students.
► Answer Tips

Present day job interviews are very different from what they used to be a couple of decades ago. Now there is a trend of an interview filled with 'Behavioural questions'. The new strategy is to elicit out information about how the candidate will behave in real life situations similar to the ones he/she might have to face at the employers office. The questions would be direct and could ask candidates to present examples of good work they have done in the past. Some common questions asked in this MI included the following:

PERSONAL

1. What are your strengths? Weaknesses? How do you know? Can you give an example of each? (relate to work environment)

2. How do you come out of your weaknesses?

3. Which courses do you enjoy best? least? Why?

4. Which area(s) of the _____ field interests you most? Why?

5. What do you think it takes to succeed in the _____ field?   Where do you see yourself 5 years from now?

6. What kind of company would you like to work for?

7. What inspires you or motivates you in such a company?

8. What good books have you read lately?

Other important questions covered with a view to assess their soft skills were:

General / HR questions

1. Tell us something about yourself

2. Why should we hire you? Or how can you say that you are the right candidate?

3. What problems do you encounter when working with a diverse team?

4. You are the project leader and your project is running behind schedule and your client is repeatedly calling you. Would you avoid his call? How would you meet such a situation?

5. Your team member has made a mistake. Would you report him to your General Manager?

6. In your work situation, how do you feel about reporting to a younger person (minority, woman, etc)?

7. Tell us about a situation when your work was criticized. How did you react?

8. Honestly tell us about the strong points and weak points of your boss??

9. What are your career options?

10. Explain Your ideal company, location and job

11. Explain about your project and draw a diagram to explain the various features and stages of your project?

12. What is your most memorable seminar? Can you please give a seminar on RDBMS?

13. Was there any situation in your graduation where you were praised exceptionally for your technical knowledge?

14. Can you tell me the current trend of Indian software industry and the role of NASSCOM?

In the interview the students were tested to see if they had strong knowledge in the fundamental areas of their domain, their understanding of the core subjects, important contemporary trends and project work. Here is a sample of the questions that were covered:

Database / Testing / Concepts

1) Explain about the difference between a primary key and a Unique key?

2) What are the different RDBMS? Explain about one of them?

3) What do you mean by object-oriented programming?

4) Cloud Computing

5) SOA

6) State the logic behind palindrome program?

7) How do you sort out programs or database or applications?

8) What is the main difference between PL/SQL and SQL?

9) Why do you use stored procedures and what is their main functionality in a RDBMS?

10) Why should we use data ware housing and how can you extract data for analysis with example?

11) What is the difference between Software Engineer and Software Tester

12) What is a view?

Answer: A view is a virtual table, which provides access to a subset of columns from one or more tables. It is a query stored as an object in the database, which does not have its own data.

1) What is the disadvantage of creating large number of indexes on a table?

Answer: The indexes that are created on a table occupy physical disc space, the more the number of indexes created, the more would be the storage space occupied. The indexes slow down.

2) What is the difference between delete, drop and truncate?

Answer: DELETE is used to delete all records in the table. It is a DML command while DROP deletes the structure of the table. TRUNCATE is much faster than DROP and it Cannot ROLLBACK

3) Difference between DB and DB server: Database is a collection of related information that may not even involve computers at all. However the database in the computer sense is stored on a disk and plays the role of an information repository. A Database server is the process that makes the data in the database available to the outside world. Either through SQL or some other CLI the ability to retrieve add change and Delete data is realized. DB2 Oracle SQL Server are all relational database servers.

The remaining significant questions along with their answers have been given in an annexure to this report.

Here is the summary of the observations made during the MI. Starting from the empirical questions, the panel went into the inner or psycho – analytical aspects of testing.

III. Observations

• All the 54 students of MCA IV semester attended the MI and reported on time. The MI was conducted from 10 am to 5: 30 pm on 9 and 10 April 2011. Students were divided into four groups as per their roll numbers and were allotted different time slots in order to minimize waiting and inconvenience to them.

• Most of them followed a dress code even though they were not instructed to. The rest also turned up in formals and showed a sense of good attire. All the girl candidates chose come in traditional Indian attires.

• Enthusiasm was perceptible in their waiting room. The candidates exchanged good wishes before facing the panel and shared their experiences among the peer group after facing the interview.

• Most of them observed mannerisms like wishing the panel members as they entered the interview room and thanking as they left.

• Speaking: At least half of them showed a prominent Mother Tongue (L1) influence. Nearly ten candidates required some help and cooperation from the panel in conversing with the latter. The panel even switched to Hindi for a couple of candidates. These students had their school education in vernacular medium or had studied in rural areas.

• Command on their subject: Just 8 – 10 were good and all the remaining of them are yet to master the basics of their field.

• 2 – 3 candidates were uninterested in the area of study or the job – profile and three others could not perform well in the (MI) due nervousness/ anxiety. Some students betrayed a lack of focus in terms of attentiveness, presence of mind or being clear and to-the-point as they answered the questions.

• 2 students namely, Nehal Ahmed and Ramit Taneja put up an exceptionally good performance in the (MI) with their technical and communicative competence coupled with a clarity of purpose.

• Examples of different Attitudes exhibited by some candidate:

1) One student, Krishnanjaneyulu had suffered a leg injury in an accident a day before the interview and experienced great difficulty in moving about. But he tried to concentrate on the interview without paying any attention to his injury or making a mention of it! This was taken positively by the panel members.

2) Another student xyz started telling the panel how difficult was his childhood as he had lost both his parents at an early age. This was not taken positively by the panelists as they felt that the candidate was unnecessarily trying to gain their sympathy.

3) ABC, a typical candidate insisted that he would 'win the heart of his team mates' in "natural way" when asked on team work. He betrayed strong opinions and stuck to his point. Two of the panelists also observed that his face turned red as he showed signs of aggressive behavior.

4) One more student could not differentiate between the word 'adapt' and 'adopt' when the panelists asked him about adapting himself to a new organization. Instead he insisted that it is for the organization to 'adopt' him. The panel members found him a little preoccupied and also suggested that he works on improving his listening skills.

• Many candidates waited outside after facing the interview with an interest to take their feedback.

• The complete mark list indicating the parameters of testing along with individual remarks in technical and communicative competence is tabulated and presented in Annexure 1.
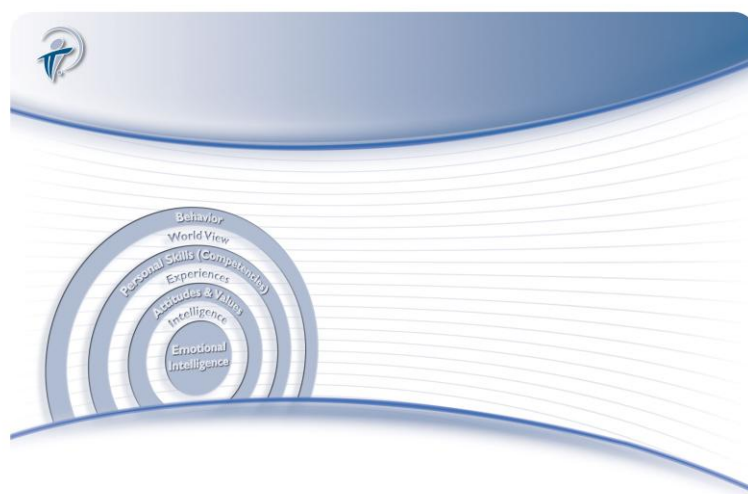
IV. Analysis

Most of the prospective employers look for technical competence when they hire technical staff. Hence more marks, 12 out 20 have been allotted to technical competence in this MI.

If we observe the mark list, we find that only 20% of the candidates are equipped with sound knowledge in their field

while another 20% are clearly below average in their subject knowledge. A major part, 60% of the class comes under average category in technical competence.

This apart, clarity and confidence are also deficient with nearly 20% of the students even though they have enough technical knowledge for being hired as a SWDE.

Communicative Competence comes next in the order of importance because in the given job-profile, a software development engineer does not require exceptional fluency in language or remarkable social skills. An exchange of technical information with the team-mates and participation in planning is what is required for the given job.

In the MI, as many as 20% of the candidates have shown a marked mother tongue influence which affects their intelligibility, while the linguistic competence of 12% of students is inadequate even within the context of their work. Around 60% of the class can manage a good communication in the work environment while another 10% have excellent communicative competence.

Apart from the above mentioned criteria, the personality assessment of the candidates is an integral part of any recruitment interview. This part has its own importance from the human resources point of view besides being directly concerned with the work efficiency of the employee. The candidates here in the MI have shown different personality traits like flexibility, tenacity, analytical ability, orientation towards team-work, etc.. Negative traits

like under/ over confidence, egoism, lack of interest in the job/ desperation for it, lack of focus and the like were also betrayed by the interviewees. These personality traits and attitudes are given out through verbal and non-verbal communication are generally noted down by any prudent interview panel. Hence it requires a lot of internal and external grooming on the part of the interviewees for putting forth their best in the interview.

V. RECOMMENDATIONS

The objective for conducting the MI is to facilitate interview preparation and enhancing the employment prospect for our students. We can have the following recommendations based the MI conducted for MCA IV Semester students :

I. Technical field: The course content can be designed and organized in such a way as to give thorough understanding of the basics of the field for the students and provide them with ample practical exposure through project work and field visits.

II. Communication Skills Course: We (CELS) can offer two different courses and give an option for the students to choose the one they think is more needed for them. The first one would be a Basic Language course which focuses on improving the linguistic competence of the learners and the second one would be a Soft Skills Training course which equips the students with necessary skills for doing well in their present study and also in the recruitment interviews.

III. Apart from these, the students can be given better exposure in their select areas of study by conducting field visits, industry interaction, Communication skills training sessions and Language Labs. Conducting one Mock Interview for every batch along with a feedback session can be made mandatory.

IV. Coming to the personality or behavioural aspects, there cannot be any generic or universal recommendations. Individual feedback and suggestion is what is required for the students. Moreover, a major part of improvement takes place by self-correction by the candidates because they realize their own strong and weak points after facing the interview.

VI. CONCLUSION

MI provides a platform for formal and professional interaction in a free and congenial atmosphere and confers several benefits on the interviewee, the soft skills trainer and the educational institute which organizes it.

The students find it useful in streamlining their thoughts, professional ideas and aptitudes.

The soft skills trainer gets a clear insight into the student profile and their specific needs which help in design and organization of the course content.

Enhancing the employability potential of the students is nevertheless good for the educational institute.

Thus MI yields manifold benefits when conducted in the right spirit by a well experienced panel.

required to possess in the given job environment. They have done a wonderful job during the Mock Interview by creating a congenial atmosphere for the students and giving them useful suggestions towards the end.

Prof. C .Raghavendra Rao, Head , Dept. of Computer Science, has encouraged the idea of organizing the MI from the initial stages of its conception and advised me to record it for future reference.

Mr. PH Srinivas (office Assistant) and Mr. Mahendar (attender) from ELTC office have helped in arranging the venue, refreshments, seating and other conveniences for the students as well as the panelists.

I am extremely thankful to all of them for their kind advice, guidance and help rendered in the organization of the Mock Interview.

APPENDIX 1

* A note on Remarks in the table: The panel members made a note of individual remarks on the back page of students' Resume, which were returned to them as a part of feedback after the interview. Hence some of the remarks could not be recorded in the table. The remarks written by the technical panelists have been presented in their original form although there is a minor overlap with Communicative Competence in them.

MCA STUDENTS BATCH (09) - TRIAL INTERVIEW 9TH AND 10TH APRIL 2011 TECHNICAL SKILLS - EVALUATION SHEET FOR A MAXIMUM OF 12 MARKS:

S No	Regn No.	Name	Marks for CV 20	Expr/Attitude Project work 3	Basics/S DLOS / IT Trends 3	DB / Prog Lang. 3	Web Tech 3	Marks 12	* Remarks
1	09MC MC01	Mohit Chauhan	10	01	02	01	02	06	Lacks clarity in concepts , Project, SDLC, lacks confidence
2	09MC MC03	Narendar Reddy Gade	10	01	01	01	01	04	Attitude problem
3	09MC MC04	Peeraiah Mathangi	10	01	01	01	01	04	Strong academics but not serious about the interview.
4	09MC MC05	Mukesh Kumar	06	02	02	02	01	07	Good attitude, team player
5	09MC MC06	Vavilala Rakesh Kumar	06	01.5	01	01	01	04.5	
6	09MC MC09	Khushboo gupta	08	02	02	02	01	07	Confused, and under prepared
7	09MC MC10	Navdeep Sharma	10	02	02	02	02	08	Aggressive
k8	09MC MC11	M R Krishna Kodukulla	15	03	0.5	01	0.5	05	Good at attitude and also subject knowledge.
9	09MC MC12	Lokesh Kumar	14	02	02	03	02	10	Needs to improve communication
10	09MC MC13	Nehal Ahmad	08	03	2.5	03	2.5	11	Balanced, Clear
11	09MC MC14	Rupesh Kumar Mandloi	10	1.5	01	01	01	4.5	Needs to improve communication
12	09MC MC15	Vikash Kumar Choudhary	10	03	01	02	02	08	Good personality
13	09MC MC16	Shashank Tiwari	04	02	01	01	01	05	Needs to improve listening skills
14	09MC MC18	Shashank Shekher Singh	10	02	01	01	01	05	Needs to improve communication
15	09MC MC19	Rajesh Kumar	08	02	02	02	02	08	Needs clarity in expression
16	09MC MC20	Snehal Sharma	08	1.5	01	01	01	.5	Has good clarity and analytical ability.
17	09MC MC21	Ramit Taneja	08	03	2.5	2.5	2.5	10.5	Good at communication
18	09MC MC22	Deepak Khatri	08	03	2.5	02	2.5	10	Fine tune his subject
19	09MC MC23	Sai Prashanth	15	02	02	02	02.	08	Needs clarity in susbject
20	09MC MC24	Saurabh Kumar	10	03	2.5	02	02	9.5	Needs to improve communication
21	09MC MC25	Bikram Sahoo	10	02	03	03	02	10	
22	09MC MC26	Vikash Kumar Paathak	10	1.5	01	01	01	4.5	
23	09MC MC28	Hemraj	12	02	02	02	02	08	Not well versed in Basics, lacks clarity.
24	09MC MC29	Santosh Kumar Nayak	06	1.5	01	01	01	4.5	Not able to understand the subject

25	09MC MC31	Rohim Kumar Nayak	08	02	02	02	02	08	Needs communication skills
26	09MC MC33	Kanapala Ramesh	10	1.5	01	01	01	4.5	
27	09MC MC35	Shashi Prasad	10	1.5	02	2.5	02	08	Good attitude
28	09MC MC37	V Krishnanjaneyulu CH	06	2.5	02	02	02	8.5	Good in basics, needs communication
29	09MC MC38	Rachana Kumari	05	01	01	1.5	01	4.5	Improve body language
30	09MC MC39	Boda Veeranna	04	02	01	01	01	05	Positive communication, Basics not clear
31	09MC MC40	Cheganti Suresh	05	01	1.5	02	1.5	06	Improve to communication
32	09MC MC41	Krishna Reddy	04	01	01	02`	01	05	Needs to overcome fear
33	09MC MC42	Jeniwiva Swetha Bhengra	4.5	03	01	02	01	07	
34	09MC MC43	Sriramula Ramana Chary	06	1.5	01	01	01	4.5	Needs to work on basics
35	09MC MC44	Kunal	05	02	02	02	02	08	Needs to improve Basics and communication skills
36	09MC MC45	Nukala Ramesh	02	1.5	01	01	01	4.5	Needs to improve Basics and communication skills
37	09MC MC46	Bandi Pavan Kumar	03	1.5	01	01	1.5	05	Not well versed in Basics
38	09MC MC47	Kuldeep Rajpooth	4.5	2.5	02	02	02	8.5	Communication positive
39	09MC MC48	Allapula Shravan Kumar	6.5	02	02	01	02	07	Not well versed in Basics
40	09MC MC49	B.Narender	05	1.5	01	01	1.5	05	Not prepared
41	09MC MC50	Challa Upender	05	1.5	01	01	01	4.5	
42	09MC MC51	Baleboina Rohitha	05	1.5	1.5	01	01	05	Seems over confident
43	09MC MC52	Arun Kumar Ganuga	03	02	02	02	01	07	
44	09MC MC53	Phaninder G	4.5	2.5	1.5	01	01	06	
45	09MC MC55	Naresh Kumar Rajak	05	02	02	01	01	06	
46	09MC MC56	Ajay Kumar	06	03	02	2.5	2.5	10	
47	09MC MC57	Motilal Rajput	6.5	02	02	02	02	08	Needs to brush up basics
48	09MC MC58	Madhuvan Singh	6.5	1.5	02	1.5	1.5	6.5	Unprepared, needs to overcome fear.
49	09MC MC59	Sreenivas Karre	05	02	1.5	1.5	1.5	6.5	
50	09MC MC60	Prati Prakash Krishna	05	01	02	02	2.5	7.5	
51	09MC MC61	Ashish Kumar Gupta	5.5	2.5	02	02	02	8.5	Good grasping and communication
52	09MC MC62	Jayadeep Mishra	06	2.5	02	2.5	2.5	2.5	Attitude good enough
53	09MC MC63	Vishnuvardan Reddy	04	1.5	01	01	01	4.5	Needs to work on confidence
54	09MC MC 4	Soumyajit Chand	7.5	2.5	03	03	03	11.5	Needs to improve presentation

MCA STUDENTS BATCH (09) - TRIAL INTERVIEW 9TH & 10TH APRIL 2011 COMMUNICATION SKILLS - EVALUATION SHEET FOR A MAXIMUM OF 8 MARKS:

S No	Regn No.	Name	Lanaguage Skills (2)	Body Language(2) Attire Mannerism	Presentation skills (2)	Attitude (2)	Total 8	Remarks
1	09MC MC01	Mohit Chauhan	1.0	1.0 1.0	1.5	1.5	6.0	Mother tongue influence
2	09MC MC03	Narendar Reddy Gade	1.0	1.0 1.5	1.0	1.5	4.0	Needs to work on his facial expression
3	09MC MC04	Peeraiah Mathangi	1.0	0.5 0.5	1.0	0.5	3.5	Very positive attitude

4	09MC MC05	Mukesh Kumar	1.0	0.5 0.5	1.0	1.5	4.5	Low in confidence
5	09MC MC06	Vavilala Rakesh Kumar	1.0	1.0 1.0	1.0	1.0	5.0	
6	09MC MC09	Khushboo gupta	1.5	1.0 1.0	1.5	1.5	6.5	Not prepared
7	09MC MC10	Navdeep Sharma	1.0	0.5 1.0	1.5	2.0	6.0	
8	09MC MC11	M R Krishna Kodukulla	1.0	1.0 1.0	1.0	2.0	6.0	
9	09MC MC12	Lokesh Kumar	1.0	1.0 1.0	1.5	1.5	6.0	
10	09MC MC13	Nehal Ahmad	1.5	1.0 1.0	2.0	2.0	7.5	Very good, bold
11	09MC MC14	Rupesh Kumar Mandloi	1.0	0.5 1.0	1.5	1.0	5.0	Needs to improve his presentation skills
12	09MC MC15	Vikash Kumar Choudhary	1.0	1.0 1.0	1.5	2.0	6.5	Very confident
13	09MC MC16	Shashank Tiwari	1.0	1.0 1.0	1.5	1.0	6.0	Pre occupied
14	09MC MC18	Shashank Shekher Singh	1.0	1.0 0.5	1.0	1.0	4.5	
15	09MC MC19	Rajesh Kumar	1.0	1.0 1.0	1.5	2.0	6.5	Needs to improve language
16	09MC MC20	Snehal Sharma	1.5	1.0 1.0	1.0	1.5	6.0	Not Comfortable at all
17	09MC MC21	Ramit Taneja	2.0	1.0 1.0	2.0	2.0	8.0	Excellent
18	09MC MC22	Deepak Khatri	1.5	1.0 1.0	2.0	2.0	7.5	
19	09MC MC23	Sai Prashanth	1.5	1.0 1.0	1.5	1.5	6.5	
20	09MC MC24	Saurabh Kumar	1.0	1.0 1.0	1.5	2.0	6.0	
21	09MC MC25	Bikram Sahoo	1.5	1.0 1.0	2.0	2.0	7.5	Good
22	09MC MC26	Vikash Kumar Paathak	1.0	1.0 0.5	1.0	1.0	4.5	
23	09MC MC28	Hemraj	1.0	1.0 0.5	0.5	0.5	5.5	Needs to improve language
24	09MC MC29	Santosh Kumar Nayak	1.0	1.0 1.0	1.0	1.0	5.0	
25	09MC MC31	Rohim Kumar Nayak	1.0	1.0 0.5	1.0	1.5	5.0	
26	09MC MC33	Kanapala Ramesh	1.0	1.0 0.5	1.0	1.0	5.0	
27	09MC MC35	Shashi Prasad	1.0	0.5 1.0	1.5	1.5	5.5	Very aggressive
28	09MC MC37	V Krishnanjaneyulu CH	1.0	1.0 1.0	1.5	1.0	5.5	
29	09MC MC38	Rachana Kumari	1.0	1.0 1.0	1.0	1.0	5.0	
30	09MC MC39	Boda Veeranna	1.0	0.5 0.5	1.0	1.0	4.0	
31	09MC MC40	Cheganti Suresh	1.0	0.5 0.5	1.0	1.0	4.0	
32	09MC MC41	Krishna Reddy	2.0	0.5 0.5	1.0	1.0	5.0	
33	09MC MC42	Jeniwiva Swetha Bhengra	2.0	1.0 1.0	2.0	2.0	8.0	Very good with lot of presence of mind
34	09MC MC43	Sriramula Ramana Chary	1.0	1.0 0.5	1.0	1.0	4.5	Low in confidence level
35	09MC MC44	Kunal	1.0	1.0 1.0	1.0	1.0	5.0	Mother tongue influence; Not clear
36	09MC MC45	Nukala Ramesh	1.0	1.0 0.5	1.0	1.0	4.5	
37	09MC MC46	Bandi Pavan Kumar	1.0	1.0 0.5	1.0	1.5	5.0	
38	09MC MC47	Kuldeep Rajpooth	1.0	1.0 1.0	1.5	1.5	6.0	Lot of mother tongue influence
39	09MC MC48	Allapula Shravan Kumar	1.0	1.0 0.5	1.0	1.0	5.0	
40	09MC MC49	B.Narender	1.0	1.0 0.5	1.0	1.0	5.0	

41	09MC MC50	Challa Upender	1.0	1.0 0.5	1.5	1.5	5.5	
42	09MC MC51	Baleboina Rohitha	1.0	0.5 1.0	1.5	1.0	5.0	Very casual
43	09MC MC52	Arun Kumar Ganuga	1.0	1.0 1.0	1.0	1.5	5.5	
44	09MC MC53	Phaninder G	1.5	0.5 0.5	1.0	1.5	5.0	
45	09MC MC55	Naresh Kumar Rajak	1.0	1.0 0.5	1.0	1.0	4.5	
46	09MC MC56	Ajay Kumar	1.5	1.5 1.0	1.5	1.5	7.0	
47	09MC MC57	Motilal Rajput	1.0	1.0 0.5	1.0	1.0	4.5	Lot of mother tongue influence
48	09MC MC58	Madhuvan Singh	1.0	1.0 0.5	1.0	1.0	4.5	
49	09MC MC59	Sreenivas Karre	1.0	1.0 0.5	1.0	1.5	5.0	Needs to improve language
50	09MC MC60	Prati Prakash Krishna	1.0	1.0 0.5	1.0	1.0	4.5	Lot of mother tongue influence ; very egoistic
51	09MC MC61	Ashish Kumar Gupta	1.5	1.0 0.5	1.5	1.5	6.0	
52	09MC MC62	Jayadeep Mishra	1.0	1.0 0.5	1.0	1.5	5.0	
53	09MC MC63	Vishnuvardhan Reddy	1.0	1.0 0.5	1.0	1.0	4.5	Lot of mother tongue influence
54	09MC MC64	Soumyajit Chand	1.0	1.0 0.5	1.5	1.5	5.5	Lot of mother tongue influence

APPENDIX 2

Describe the difference between a Thread and a Process?

The major difference between threads and processes is

1.Threads share the address space of the process that created it; processes have their own address.

2.Threads have direct access to the data segment of its process; processes have their own copy of the data segment of the parent process.

3.Threads can directly communicate with other threads of its process; processes must use interprocess communication to communicate with sibling processes.

4.Threads have almost no overhead; processes have considerable overhead.

5.New threads are easily created; new processes require duplication of the parent process.

WHAT IS THE DIFFERENCE BETWEEN AN EXE AND A DLL?

exe file is a excutable file which runs in a seperate process which is managed by OS,where as a dll file is a dynamic link library which can be used in exe files and other dll files.In .net frame work both are assemblies.

An ActiveX Dll runs an in process server running in the same memory space as the client process.

Major advantage of DLL files is in its reusability. A DLL file can be used in other applications as long as the coder knows the names and parameters of the functions and procedures in the DLL file. Because of this capability, DLL files are ideal for distributing device drivers

An ActiveX Exe is an out of process server which runs in it's own separate memory space which is faster ActiveX exe or Activex DLL? ADLL

Why People Most Prefer JAVA Other Than .Net for Their Application?

The Enterprise Edition of Java 2 Platform was created to ease the process of java application development, design and deployment of complex enterprise solutions and the J2EE architecture is based on Java. .Net is a product suite that allows an organization to create enterprise-class web services. The difference between both is that that .Net is a product strategy while J2EE is an industry standard that gives a developer the option to choose vendor products and tools. .NET is based on the language C# and while Java runs on any platform with the help of Java VM, C# can only work on Windows currently.

WHAT IS THE QA PROCESS?

Answer: A planned and systematic set of activities necessary to provide adequate confidence that requirements are properly established and products or services conform to specified requirements, and An activity that establishes and evaluates the processes to produce the products, helps to establish processes, Sets up measurements programs to evaluate processes, Identifies weaknesses in processes and improves them, QA is the responsibility of the entire team, Prevents the introduction of issues or defects.

What is the difference b/w system testing, integration testing, and regression testing?

System T: This is asked on overall requirements specifications, covers all combined parts of a system i.e system as a whole is tested.

it is also called as End to End testing or login to logout testing.here design modifications may takes place.

Integration Testing: After finishing all the modules, they will integrate all the modules and check, r they working fine.

There are two approaches for this

1. top down approach

2. Bottom up approach

Bottom up approach is always beneficial

Regression Testing: This is the retesting of the application. it will be done in two conditions.

1. if is there any code change in the application.

2. After all the bugs has fixed.

Regression testing is a retesting of the application after fixing all the bugs, to check whether the added functionalities affected any already existing functionalities. or the code change has regressed any new bugs. for this usually automation tools will be used

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