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**BATCH: 0905-E**

**GROUP CODE: GROUP 3**

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# Introduction

The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, and unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of laddered approach.

The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. Well, technology does come to our rescue at such times!

# Existing Scenario

Client is a marketing agent of an internet marketing company, who provides different services like dial up services and the broadband services. They want a website for the interactive and entertainment purpose of the Employees.

# Customer Requirement Specification

Client wants the application to perform the following tasks:

Non-Financial:

1. The portal will have the following logins:
   1. Admin
   2. Employee
2. The admin will have the authority to create and delete the profile of an employee.
3. The employee profile once created, can login in to the site through the user name and the password provided.
4. On the home page of the website, the details of the upcoming events like meetings, games, competitions, etc. in the company will be displayed in brief.
5. To encourage the employees and to build a friendly rapport in the company they started conducting games and distributing the prizes.
6. The home page should also include the winners details of the events conducted recently.
7. The admin will have the right to accept the participation request based on the requirement.
8. Also the application should have a reminder, which will remind about the birthdays of the day. And this reminder should be active for all the user logins (admin, and employee).
9. Once the employee logins into the site, how will be able to send his request for the participation in any of the events.
10. He can also view the details of the events in detail.
11. The site should also contain the FAQ s like
    1. How to participate in the events?
    2. What if I am unable to login into the site?
    3. What if I am unable to send the participation request for the event?
    4. How can one be intimated with the upcoming events?
12. There should be a contact and support page where the details of the people to be contacted, etc. to be displayed.

# Functional Requirement Specification

* 1. **Employees**
     1. **Employee can login**
        1. **Description**

The system must provide a page to allow employee login by the information provided by admin:

* User name
* Password
  + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
    1. **Employee can edit profile**
       1. **Description**

Employee can login into the website to edit profile.

* + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
         2. Validate the employee information.
         3. Update employee profile.
    1. **Employee can view details of up coming events**
       1. **Description**

After login into the website, employee can view the details of coming up events will be happen in the feather.

Details of coming up event contents:

* Type of the event (games, meetings, competitions).
* Happen date.
  + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
         2. System provides hyper links for employee view the details of coming up events.
    1. **Employee can view winner details**
       1. **Description**

Employee logins into the website, details of the winner or previous winner is displayed in the home page. Employee just clicks into the hyper linker to view the details of the winners.

* + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
         2. System provides hyper links to the winner details.
    1. **Employee send request**
       1. **Description**

Once the employee wants to join in coming up event, they should send a request to the administrator to ask for take part in. Employee can join in the event only when the request was approved by administrator.

* + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
         2. System should provide in details of the upcoming events.
         3. System should provide to send request function.
  1. **Administrator**
     1. **Administrator can create/delete employee**
        1. **Description**

System should provide for administrators create and delete employee profile authority.

* + - 1. **Functional Requirements**
         1. Administrator should login into the website by user name and password.
         2. Administrator can create employee profile, the administrator also provide user name and password for login into the website.
         3. Administrator can delete employee profile.
    1. **Administrators can manage event**
       1. **Description**

Administrator can create events like games, meetings, and competitions on the website. Events created by administrator must happen in the feature (a week or haft of month).

* + - 1. **Functional Requirements**
         1. System must provide a create event page.During create an event, the day of the event must validate.
         2. Administrator also can update or remove event form the list upcoming.
    1. **Administrators can Approve/reject the requirement**
       1. **Description**

All employees can send a requirement to join in the event. Administrator is the person who receives these requirements; he can approve or reject the requirement with no reason.

* + - 1. **Functional Requirements**
         1. Administrator should login into the website by user name and password.
         2. Administrators can decide approved or rejected the requirement.
    1. **Administrator can manage FAQs**
       1. **Description**

System should provide a page for the administrator to create, update or delete FAQs. Administrator also can decide which FAQs can be displayed in the website depends on the questions asked by the employee.

* + - 1. **Functional Requirements**
         1. Administrator should login into the website by user name and password.
         2. Supply a page for create, update and delete FAQs.
         3. Supply chooses the function for choose which FAQs should be displayed.
  1. **System**
     1. **Birthday reminder**
        1. **Description**

Website also provides birthday of the entire employee when they login into the website. Employee also view the common details of each employee whose list in the birthday reminder list.

* + - 1. **Functional Requirements**
         1. Website shout provide a corner to displays birthday reminder of employee.
    1. **Support FAQs**
       1. **Description**

System should provide FAQs in the website at lease support following contents:

* + How to participate in the events?
  + What if I am unable to login into the website?
  + What if I am unable to send the participation request for the event?
  + How can one be intimated with the upcoming events?
    - 1. **Functional Requirements**
         1. System must contents FAQs.
    1. **Contact and Support**
       1. **Description**

System should provide contact and support page for employees. When the employee got problems with the system, they can go to contact and support page to solve the problem.

* + - 1. **Functional Requirements**
         1. Employee must provide Username and Password to login into the website.
         2. Provide contact and support page.

# System Requirements

* + 1. **Hardware**
       1. **Web Server**

|  |  |
| --- | --- |
| **Processor** | Pentium IV or higher. |
| **Memory** | 1GB RAM or greater. |
| **Modem/ADSL** | Connecting to internet 24/24 |

* + - 1. **Client**

|  |  |
| --- | --- |
| **Processor** | Pentium IV or higher. |
| **Memory** | 512MB RAM or greater. |
| **Monitor** | Super VGA (800x600) or higher resolution with 256 colors. |
| **Pointing Device** | Standard mouse or compatible pointing device. |
| **Modem/ADSL** | Connecting to internet. 254Kb/s |

* + 1. **Software**
       1. **Web Server**

|  |  |
| --- | --- |
| **Operation System** | Windows XP |
| **Browser** | Internet Explorer 7.0 or higher. |
| **Database** | Microsoft SQL Server 2005 |
| **Software** | Java SDK 1.6 |
| **Vendor** | Jboss 4.2.3 GA |

* + - 1. **Client**

|  |  |
| --- | --- |
| **Operation System** | Windows XP or later. |
| **Browser** | Internet Explorer 6.0 or higher. |

# Development Software

* Eclipse.
* Microsoft SQL Server 2005

# Technology

* JSP + Servlet + EJB
* J2EE 1.4

# Task sheet Review 1

|  |  |  |  |  |
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| **No** | **Title** | **Start Date** | **Finish Date** | **Name** |
| 01 | Analysis | 02 June 2011 | 08 June 2011 | All of group |

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| --- | --- | --- |
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| **Date** | 0 June 2011 | 0 June 2011 |