**Chapter 2** **: Customer Requirements**

**Specification(CRS)**

Form No.2/eProjects/Version 1.0

**Client: User**

**I** **Business / Project Objective**

Create a database for the Expo Management System. Add tables to store

information about Exhibitor, Booth, Product, User, Sponer, Expo,Staff, Contact, Priority. The

client-server application authenticates the existing client by his(her) username and

password.

Register Exhibitor, Booth, Product… and display reports about him(her) is easy.

Need the function to management detail information can be more effectively.

Expo Management System can be automatically updates exhibitor accounts

when fees or services are changed for a booth.

To ensure that solve difficult problems by making the system should have

the following functions:

1. Expo Functionalities

2. Exhibitor Functionalities

3. Booth Functionalities

4. Report Functionalities

5. ManagerAccount Functionalities

6. Product Functionalities

7. Sponsor Functionalities

**II** **Input Provided by the client**

**1****.** **Expo Functionalities**

 Login to system and update information of user after login

 Create, update and view manage account

 Update Price of booth

 Input

Username and Password

Information of manage account

 Process

Authentication of existing Username and password on

Expo table

Save to database when update, create manage account

 Output

Compare input data with data of database. If true, allows

perform this. And not true inform the corresponding

**2.** **Exhibitor Functionalities**

 Login to system and update information

 View, update information of exhibitor.

 View and update product information

 Input

Information of Exhibitor:id, name, address…

 Process

Authentication of existing username and password on

Exhibitor tables

Save database when update, delete and add new

Exhibitor on Exhibitor table

Create and update information of Product. And Save it

on Product table

 Output

Display all information of Exhibitors.

**3.** **Booth Functionalities**

 View all information of booth. Can insert, update, edit, delete booth

 Input

Information of Booth, id of Exhibitor , number of booth, booth type…

 Process

Save database when edit , delete and add new

Booth on Booth detail.

Create report of Booth assignments.

Auto update Exhibitor account when fees, service or

when update information of Booth.

Create chart and graph .

 Output

Display information of all Booths.

Display report.

**4.** **Report Functionalities**

 View all information of Expo, Exhibitor, product…..

 Input

Choose type of report

 Process

Get all Information from Exhibitor, Booth, Product,

ImportDate tables. Show it by graph and chart

 Output

All relation information of Exhibitor

**5.** **ManagerAccount Functionalities**

 View all information of Managers and power of them.

 Input

If you have administrator power, you can display all

Manager account and add new, update account.

 Process

Get all Information from Manager account

 Output

Information of Manager account and power of them.

**6. Product Functionalities**

* View all information of product: id, name, manufactures…
* Input

When you click on one product you can find information about them as: name, manufactures, and expo any, date and time, which booth type suitable,… You can display all product and add, edit, delete a product.

* Process

Save database when edit , delete and add new product

Create report of product assignments.

* Output

Display information of all product.

Display report.

**7. Sponsor Functionalities**

* View all information of sponer : name, address, money donate…
* Input

When you find sponsor for your product or booth… you can find information about them in this function. You can display all sponsor and add, edit, delete a product. You can manage if you want.

* Process

Save database when edit , delete and add new sponsor

Create report of sponor.

* Output

Display information of all sponor

Display report.

**II** **Deployment environment**

**1.** **Hardware**

* + - * A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
      * 128 Megabytes of RAM or better

**2.** **Software**

* Visual Studio .Net / ASP / visual studio 6.0
* IIS server
* .Net Framework
* Java Virtual Machine/ J2EE server
* Notepad/Java editor
* j2sdk1.4.1\_02 (or later).
* EJB Dev Kit
* Java enabled web server
* JSP / Servlets Dev. Kit

**IV** **Scope of the work(in brief)**

Depending on the decision taken by the manager and his team Expo

managers, the application needs to be developed with the following

requirement:

1. Register manager account, Have only Administrator power

display, insert and update manager account.

2. Allow a manager can register Exhibitor, Booth, Product and

display all information of them.

3. A GUI containing text boxes, buttons, drop-down list, table,

which will provide a friendly interface to the user to work with

ExpoManagementSystem.

4. Create report of Exhibitor from relation tables.