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| Request For Proposal |
| EXCEL EDUCATION SDN. BHD. |
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| **4/26/2012** |

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IT OCEAN (MALAYSIA) SDN. BHD.

**Statement of Confidentiality**

This agreement and statement is legally binding contract between Excel Education Sdn. Bhd. and Inspirational Ocean Information Technology Service Provider (IT OCEAN). This contract signifies a confidentiality statement agreement between Excel Education and IT OCEAN for preventing the unauthorized disclosure of confidential Information. The parties agree to enter into a confidential relationship with respect to the disclosure of certain proprietary and confidential information.

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INSPIRATIONAL OCEAN (IT OCEAN) (MALAYSIA) SDN. BHD.

A-2-12, A-2-13, A-2-14, A-2-15 & A-2-16

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**Document Control**

Name of Document : Online Quiz System

Author : Mohammad Taufiq bin Ahmad

Authorised Officer : CEO

Description of Content : A system to allow user to test their knowledge, skills,

abilities. And know their result directly after the quizzes.

Approved by : Chair Person

Date of Approval : 25/04/2012

Date of Next Review : 25/04/2015

|  |  |  |
| --- | --- | --- |
| Version | Version Date | Description |
| 1.0 | 5 February 2003 | Driving Test |
| 1.0 | 21 April 2004 | E-learning |
| 1.0 | 01 March 2005 | Hotel Reservation System |
| 1.0 | 07 January 2007 | Clinic Management System |
| 1.0 | 15 Mei 2008 | E-shopping |
| 1.0 | 3 July 2009 | E-banking |
| 1.0 | 13 September 2010 | University Entrance System |

|  |  |  |
| --- | --- | --- |
| Author | Date | version |
| Zenom Lai | 5 February 2003 | 1.0 |
| Beh Yi Wen | 21 April 2004 | 1.0 |
| Tan Joee | 01 March 2005 | 1.0 |
| Beh Yi Wen | 07 January 2007 | 1.0 |
| Michael Fong | 15 Mei 2008 | 1.0 |
| Desmond Ko | 3 July 2009 | 1.0 |
| Hafizah | 13 September 2010 | 1.0 |

Authorised By, Approved By,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Mr. Jayson Sue Qi Jian) (Mr. Lai Yi Xiang)

CEO Chair Person

IT OCEAN (Malaysia) SDN. BHD. IT OCEAN (Malaysia) SDN. BHD.

Table of Contents

Executive Summary-----------------------------------------------------------------------------------------5

Proposal Background

Company Profile----------------------------------------------------------------------------------------6 - 7

Company Reputation

Company Key Strength

Company Services Offering

Company Information

Company Organization Chart

Customer Requirements------------------------------------------------------------------------------8 - 9

Overall Project Objectives

Scope of Project

Timeline

Deliverables

Scope of Work

Financial Summary-----------------------------------------------------------------------------------10 - 12

Assumption

Project Fee

Payment Terms

Other Chargers

IT OCEAN Terms and Conditions

System Development Customer Reference-----------------------------------------------------------13

Table of Organization & Scope of Work

Company Software Development Consultant Profile-----------------------------------------------14

Appendix-------------------------------------------------------------------------------------------------------15

1. **Executive Summary**
   1. **Proposal Background**

Online Quiz System proposal was develop in the end of March of 2012. Develop an online quiz for client, create objective questions with multiple choices, single choice, true or false statement and fill in the blanks. This system is intended for students who are enrolled for the register course. The questions normally are in the random selection. This gives the user maximum control over questions being selected. The user have to register and need to login to the system before they can use it. The marks will be given right after they tried the questions. The marks and date will be recorded and display to the particular user profile after they have login.

The software maintains the details for each student as well as provides a facility for the editing the student details if required. There is password based access for individual answer sheet, trend graphs and general mark lists.

This Software Requirements Specification provides a complete description of the all the features of the Online Quiz System. It emphasizes on the essential specifications that are to keep in mind while implementing and designing the system. This system will help in making the tedious task of conducting examinations a lot easier. This proposed system takes advantage of the advances made in IT to provide large-scale qualitative and quantitative improvements.

1. **Company Profile**
   1. **Company Reputation**

IT Ocean has been established since 20th January 2001 in Malaysia. IT Ocean provided variety of IT services to customer. Throughout the hard work of all the members in the company, IT Ocean developed into a well known international company in 10 years time. Now, IT Ocean has 5 branches in 5 different countries and main office in Malaysia. IT Ocean provided efficient and cost effective services. So that, the customers can minimized their cost and maximized their investment return.

* 1. **Company Key Strengths**
* Enrol the professions and intelligent programmers from all around the world who able to write perfect program that fulfils customer requirements.
* Sufficient modal become a strong support for the company to develop.
* Systematic management allowed the flow of the company operation become smooth and efficient.
* IT Ocean consists of a huge consistent team that provide great and efficient services to the customer.
* More than 90% good feedback from the customers.
  1. **Company Services Offering**

1. Training service for the customer to learn to use the software
2. Maintenance & Repair Centre
3. IT support solution & services
4. Backup and security
5. Performance management
   1. **Company Information**

**2.4.1 Organization Chart**

Mr. Lai Yi Xiang

CHAIR PERSON

Mr. Jayson Sue Qi Jian

CEO

Miss Yap May Kee

VP of Human Resource and Development Department

Mr. Low Ching Chuan

COO & VP of Marketing Strategy Department

Mr. Heng Cheng Wee

VP of Finance and Administration Department

SUPERVISORS

Staffs

1. **Customer Requirements**
   1. **Overall Project Objectives**

Excel Education Sdn. Bhd. is a company that require a frequently updates of questions. Therefore, we are providing a perfectly matched system that allows company staff to update the question banks on an on-going basis. Besides, we providing maintenance services on the developed system, hence giving training courses to Excel Education staff on “how to use this system wisely.”

* 1. **Scope of Project**

This system will provide a database store as questions bank and the questions will be set by the staff of Excel Education. Initially, IT Ocean will insert 100 questions as trial version for this system to be tested by Excel Education. During the project, we will collects requirement from Excel Education and implement the calculation system, design interface, and require Excel Education staff to test the prototype.

* 1. **Time Line**

Phase 1.0 (Review of proposal and customer contract signing) will be start on Thursday, 26th April 2012. Phase 2 (Design and Coding) will start just after the contract signed followed by Phase 3 and 4. This project will take 30 days to complete and it will be ends on Thursday, 7th June 2012.

* 1. **Deliverables**

All proposals and system will be hand delivered and implemented no later than 5:00 PM, Thursday, 7th June 2012. Location:

Excel Education (Malaysia) Sdn. Bhd.

A-1-12, A-1-13, A-1-14 & A-1-15,

2nd Floor, Berjaya Megamall,

Jalan Bukit Bintang,

55100 Kuala Lumpur, Malaysia.

* 1. **Scope of Work**

**3.5.1 Determine System Requirements**

System analysts will have a JAD session with key people from Excel Education Sdn. Bhd. to determine the system requirements where the features discussed will be record and documented during the JAD session. CASE tools are used to prototype the screen design.

**3.5.2 Study on Requirements and Preparing Proposal**

System analysts analyse the usable requirements and structure the general outline as well as prepare a proposal that contain all functional, non-functional and domain requirements.

**3.5.3 Design the Quiz System**

Convert into logic flows to run on internet, and the programming method and software used will be chose. The prototype screen design during JAD session improved to increase user familiarity.

**3.5.4 Programming of Online Quiz System**

Excel Education Sdn. Bhd. provides questions and answers database store as question bank. Develop the quiz system and code on the system so the system can be uses on the internet and link it to the questions bank database. Programme the quiz system to store user registered data and calculated marks after user finish answering the quizzes.

**3.5.5 Testing on the online quiz system**

Test the online quiz system to find bugs and fixed it to make sure the online quiz system is nearly free of bugs. Test on respond time as if its performance when loading data from questions bank through internet and improve it.

**3.5.6 Present the product to customer**

Show the final product in front of customer and let user to use the online quiz system, and ask their opinion whether any improvement needed.

1. **Financial Summary**
   1. **Assumption**

***Schedule***

This schedule mainly defines the time major tasks that use to complete during process to done the project. Individual tasks may be added, deleted or moved based on the demand of the process. Estimates elapsed time may be different due to workload, client submissions and approvals, demand changes by client and third party service provider.

* Phase 1 (2 to 3 days) – Review of the proposal and Signing the contract.
* Phase 2 (8~10 days) – Design of the interface, additional research and coding for the systems.
* Phase 3 (8~12 days) – Testing on the system, Client review the system prototype and give comment about his/ her opinion and suggestion.
* Phase 4 (3~5 days) – Repair depend on demands of client and finalize the complete of the system.

***Budget***

* An amount RM10000 needed to complete this project. Those budgets are included electricity and power supply, food and beverage, travel expenses and consultant hiring fees.
* 2 consultant will be assigned will use up about RM7000 and RM3000 is for other fees.

***Resource***

* System will be developed at Software Development Department, Excel Education (Malaysia) Sdn. Bhd. until the end of the project.

***Software to be Use***

* Microsoft Access 2010 will be used to develop database system.
* Photoshop will be used to edit and make effect of photo.
* Microsoft Visual Studio 2010 used to design system interface.
* Microsoft Word 2010 use for documentation.
  1. **Project Fee**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Name** | **Staff Involved** | **Total Man Day** | **Payment per staff per man day (RM)** | **Total (RM)** |
| Online Quiz System | 10 | 30 | 150 | 45000 |
|  |  |  | Discount | 2000 |
|  |  |  | Total | 43000 |

**Note:**

1. Accommodation is claimed on client (per staff per man day).
2. Travel Expense is also afforded by client (RM150 per staff per man day).
3. Food and Beverages of staffs during this project is afforded by client.

* Online Quiz System begin to develop on 26th April 2012 and will be done on 7th June 2012, which take man days of 30 days

\*1st May 2012 has been excused due to public holiday

* Total of 2 consultants will be assigned during the life of the project. First consultation is Mr Muhamad Idaham Bin Umar Ong and the second consultation is Madam Roslina Binti Abdul Hamid. Each consultant cost RM3500 for 7 days assigned.
* Total man hours that use to complete the project is about 30 days which is not included Saturday, Sunday, and public holidays.
* Government taxes will be charge and need to cover by client and didn’t charge any service taxes except client request for some extra services.
  1. **Payment Terms**

Payment is separated into 4 phases:

1st phase : Deposit RM10000 should be done after contract sign.

2nd phase : RM5000 should be paid after system interface and

coding of system done.

3rd phase : RM5000 paid after testing the system and suggestion

Given for improvement.

4th phase : Last payment RM23000 after finalize the completeness

of the system.

* 1. **Other Chargers**

Extra charges of RM4000 will be charge if the project unable to be complete on the deadline stated due to client request for upgrade of the system. After the payment, there will have more extra charges until the project successfully implemented.

* 1. **INSPIRATION OCEAN (IT Ocean) Terms & Conditions**

4.4.1 The contents on IT Ocean Online Quiz and any related information is

private.

4.4.2 Quiz access permission is only for evaluating your knowledge, skills and

abilities. Any other purpose is expressly prohibited, and may involve in

serious civil and criminal penalties.

This Agreement and any action related shall be governed by the laws of the State of Pahang and the Malaysia, without regard to its conflicts of law provisions under the exclusive jurisdiction and venue of the Superior Court of Pahang for the Country of Malaysia.

1. **System Development Customer Reference**

**Table of Organization & Scope of Work**

|  |  |
| --- | --- |
| **Customer** | **Software Project** |
| Government | Driving Test |
| Local University | E-learning |
| Library | Library Management System |
| Supermarket | Supermarket System |
| 5 Star Hotel | Hotel Reservation System |
| Book Shop | E-book Management System |
| Clinic | Clinic Management System |
| Online Shopper | E-shopping |
| Secondary School | Exam Registration System |
| Bank | E-banking |
| Private University | University Entrance System |
| Cinema | E-ticketing |
| Travel agency | Travel Agency Software |
| Express Bus Company | E-ticketing |

1. **Company Software Development Consultant Profile**



**NAME**  : Mr. JAYSON SUE QI JIAN

**IC NUMBER** : 800215-01-5233

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30520 BATU PAHAT, PERAK DARUL RIDZUAN,

MALAYSIA.

**PHONE NUM** : 010-3730415

**EMAIL** **ADD** : jaysonsue@gmail.com

**EDUCATION** : BACHELOR OF SOFTWARE ENGINEERING

**BACKGROUND**  UNIVERSITI MALAYSIA PAHANG

**WORKING :** (2004) SYSTEM ANALYST INTEL MALAYSIA

**EXPERIENCE**

(2005) SENIOR SOFTWARE ENGINEER INTEL MALAYSIA

(2006-2007) HEAD OF SOFTWARE DEVELOPMENT DEPARTMENT

MICROSOFT UNITED STATE

(2008-2009) VICE PRESIDENT OF MARKETING AND DEVELOPMENT

DEPARTMENT IT OCEAN AUSTRALIA

(2010-2012) CHIEF EXECUTIVE OFFICER IT OCEAN MALAYSIA

1. **Appendix**

**Sample Questions:**

(General)

1. Who is the Chief Executive Officer of Apple company in 2009?

A. Steve Job

B. Steve Dawson

C. Howards Schultz

D. Isaac Newton

(Sports)

1. What is the weight of a standard basketball?

A. 450g to 567g

B. 567g to 650g

C. 650g to 700g

D. 700g to 850g

(Science)

1. What is the speed of light?

A. 3.00 X 10^8 m/s

B. 3.01 X 10^6 m/s

C. 3.01 X 10^8 m/s

D. 6.02 X 10^8 m/s