Technical Proposal

DSK Document Management System

Narina Technology Ltd

Executive Summery

Develop an user friendly web application that will preserve all documents of Dushtha Shasthya Kendra. Documents include constitution, written program policy, written guidelines, written notice, logo, Book cover design, Banner design and other documents in actual format which is valuable for the organization. Format should be in PDF, JPEG, WORD, EXCEL, etc. User will be able to search documents according to name, date, category, topics and able to download selected documents for further process. Only authorized user will be allowed to access this application.

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Signed as accepted by client:

Date:

1. Project Overview

Features:

1. User friendly admin panel.
2. End user will be able to search and view documents only.
3. End user will be prohibited to remove or change documents.
4. An email will send to the user automatically after publish new document.
5. Fully dynamic access control required for application to provide authorization for specific user.
6. Admin will be able to create user and give appropriate permission.
7. Authorized user will be able to insert, update and delete documents by administrator permission.
8. If any document delete by authorized user or any other way a log record will preserve for further analysis.
9. When user insert, update or delete documents database will contain all user information such as user name, user id, user machine name, user IP address for specific operation.
10. Attractive Graphical User Interface is required for application.
11. Application should be very much user friendly and accessible with low bandwidth internet connection.
12. Protection against alteration or corruption.
13. Protection against interference targeting access to the resources.
14. Sql Injection preventing mechanism will be applicable for this application.

2. Technical Requirements

1. Front End Technologies:
- Microsoft ASP.Net
- HTML5, CSS3
- Javascript, Jquery, Ajax

2. Business Logic
- C Sharp

3. Application platform
- Framework .Net 4.0 or above

4. Back End Technology:
- Microsoft Sql Server 2012

5. Integrated Develop Environment:
- Microsoft Visual Studio 2013 Ultimate

6. Reporting Tools:
- Crystal Report 13

7. Server Technology:
- Windows Server 2012
- Internet Information Service (IIS) -8

3. Milestones & reporting

1. Analysis
2. Development
3. Testing
4. Deployment
5. Training

Milestones No.	Manpower	Working days	Working hours/person	Total man-hours
1. Analysis	3	5	6hrs/person	90
2. Development	2	15	8hrs/person	240
3. Testing (Q/A)	1	5	8hrs/person	40
4. Deployment	1	5	8hrs/person	40
5. Training	1	5	8hrs/person	40

- **Total estimation of days : 35 (+-)**

- **Total estimation of man hours: 450hrs (+-)**

4. Documentations

- Details user manual will be provide as both soft and hard copy.

5. Warranty

- 6(six) months full warranty of technical issues and support.

- Warranty period will be start as soon as receive of work order.

6. Pricing

- Financial statement will be provide upon acceptance of proposal.

-15%VAT and 1% TAX will be added to the product price exclusively.

7. Payment Terms

We propose the following payment terms:

- 25% Paid on acceptance of this proposal and signing of our software development agreement.

- 25% (50%) Paid at completion of Milestone 2.

- 25% (75%) Paid at completion of Milestone 4.

- 25% (100%) Paid at completion of Milestone 5.

8. Contact Us

You can get in touch with us in any of the below ways:

Contact Person: -

Sajid Khan
By Phone: - 8801939296146
By Email: - sajidk25@gmail.com

Address:- 9/1, (Ground floor) Solimullah Road, Mohammadpur, Dhaka-1207

9. Remarks

- If you would like to proceed with our proposal then you can sign the first page and return a copy to us by fax, email or post.

- In any case please feel free to call us to discuss the quote, request more information or for any other reason.

- We look forward to hearing from you soon

10. Skill Matrix

Platform	Topics	Skill Level
Programming Language	C#	Expert
	Java	Good
	Python	Expert
	Php	Expert
	Javascript	Expert
	Go	Good
	Elixir	Good
Development Frameworks	.Net	Expert
	J2EE	Good
	Node.js	Good
Database Technologies	MSSQL	Expert
	MySQL	Expert
	PostGre SQL	Expert
	Oracle	Good
	MongoDB	Expert
	REDDIS	Good
	RethinkDB	Goood
Web Front End Technologies	HTML5, CSS3, Bootstrap	Expert
	SAAS, LESS	Good
	Angular.Js	Good
	Vue.Js	Good
Web Frameworks	ASP.Net MVC Framework	Expert
	Spring MVC Framework	Good

	Django, Flax	Good
	Laravel, ZF2,Symphony, Codeigniter, Slim framework	Expert
Server Technologies	IIS web server	Expert
	Apache Tomcat, Glass Fish	Good
	Nginx	Good
	Apache 2	Expert
Mobile Development	Windows Phone SDK	Expert
	Android SDK	Expert
	IOS SDK	Good
	PhoneGap	Expert

11. Portfolio

i. **Client Name: Bangladesh Department of Fisheries.**
Description: Ministry of Fisheries and livestock.
Accomplished projects:
1. Department of fisheries- ERP.
2. Online licensing system for fisheries food producer.
3. Online Hatchery registration system.
4. Online training management system.
5. Electronical Notice board manager.

ii. **Client Name: Shurjomukhi Ltd**
Description: Leading payment gateway of country and IT oriented service provider.
Accomplished projects:
1. School Management System for Bangladesh International school & College:
    a. Web and Mobile based Attendance, Lesson plan, Examination, Grading and result system

     b. Including HR, Payroll and Inventory

iii. **Client Name: Shohoz.com**
Description: Online Ticket selling company
Accomplished projects:
1. Web and mobile based online ticket selling software

iv. **Client Name: Diabetic Association of Bangladesh(DAB)**
Description: Diabetic Association of Bangladesh.
Accomplished projects:
2. Certified Course on Diabetic(CCD) online course Management System :
    a. Web and Mobile based registration system
    b. Online payment of course fees
    c. Lesson plan and exam management.

v. **Client Name: Chakri.com**
Description: leading job portal of Bangladesh previously named prothom-alojobs.com.
Accomplished projects:
3. Chakri.com:
    a. Web and Mobile based job board
    b. Custom Content management system
    c. Built optimize database for about 2 lac unique users.
    d. Developed RestFull web service for mobile platform.

**Project With Dushtha Shasthya Kendra- Credit :-
As a Senior software engineer in DSK I Sajid Khan had participated in all most every software project DSK credit department, including:
  I. DSK-HRM
  II. DSK-SMS Gateway
  III. Online daily credit information and fund distribution system.
  IV. Payroll
  V. GBanker Implementation.

12. The Team

Name	Experience And Expertise
Sajid Khan **Team Lead**	**M. Sc. (UIU), B. Sc. (BU) in CSE** **Certified SCRUM Master(CSM)** **RedHat Certified Engineer(RHCE),CCNA** Over 10 years of IT experience as analyst, software developer, software engineer in the arena of web and mobile app based application **Key Skills:** Python, JAVA, PHP5, C#, C, ASP.net, OOP, Android SDK, JavaScript, CSS3, HTML5, JQuery, Ajax, Oracle, Symphony, Codeigniter , PhoneGap, Wordpress, Joomla, Bootstrap, SVN, GIT, AmazonS3,Photohsop, Illustrator, AGILE,SCRUM
Kamal Rahim **UX/UI Engineer**	**B. Sc. (Northeastern University,Boston,USA) in CS** Over 12 years of IT experience as designer, analyst, software developer, lead software engineer in the arena of web and mobile app based application **Key Skills:** Adobe Flash, Action Script, Photohsop, Illustrator, PHP5-MySQL, JavaScript, CSS3, HTML5 , JQuery, Ajax, C++, Android SDK, PhoneGap, Wordpress, Joomla, Bootstrap, SVN, GIT,
Saidur Rahman Bijon	**M. Sc. (UIU), B. Sc. (BRAC University) in CSE**

Lead Developer	**Zend Certified PHP5 Engineer** Over8 years of IT experience as analyst, software developer, lead software engineer in the arena of web and mobile app based application **Key Skills:** JAVA, PHP5, C#, C++, ASP.net, Architecture Design, OOP, Android SDK, Ojbective-C, ROR, JavaScript, CSS3, HTML5, Oracle, XCODE , DesignPattern, Symphony, Zend Framework, PhoneGap, Drupal ,Pivotal tracker, SVN, GIT, AmazonS3, Facebook APPS, ,SCRUM, Pivotal Tracker
Sanjay Kumar Roy **Sr. Software Engineer**	**B. Sc. (RUET) in CSE** Over 10 years of IT experience as analyst, software developer, lead software engineer in the arena of web and mobile app based application **Key Skills:** PHP, JavaScript, HTML, CSS, Java, XML, SQL, AJAX, Zend, Laravel, CodeIgniter, jquery, AngularJS, Wordpress, Joomla, XCart, Drupal, MySQL, Oracle, Netbeans, Dreamweaver, SqlYog.
Md. Abdullah Al Mahmud Khan **Software Engineer**	**B. Sc. (IBAIS University) in CSE** Over 10 years of IT experience as software developer in the arena of web based application **Key Skills:** PHP, JavaScript, HTML, CSS, Java, XML, SQL, AJAX, Zend, Laravel, CodeIgniter, jquery, AngularJS, Wordpress, Joomla, XCart, Drupal, MySQL, Oracle, Netbeans, Dreamweaver, SqlYog.
Md. Tajmul Alam Sumon **Junior Software Engineer**	**B. Sc. (Daffodil Int University) in CSE** Over 3 years of IT experience as analyst, software developer, lead software engineer in the

	arena of web and mobile app based application **Key Skills: C#,** PHP, JavaScript, HTML, CSS, Java, XML, SQL, AJAX, ASP.Net MVC, , jquery, AngularJS, Wordpress, Joomla, MySQL,Dreamweaver, Android.

Thank You