TV Archive Manager

The Alpha Team

THE ALPHA TEAM
PROPOSAL FOR SERVICES

OVERVIEW

The Alpha team is pleased to submit this proposal for services to support Eslaah TV in achieving its goals for improving their data management, Archiving and retrieving Data.

The Objective

The customer's objectives are as following:

- <Need #1: managing data in an efficient manner>
- <Need #2: Archiving data in an efficient manner >
- <Need #3: Retrieving Data in an easy way>
- <Need #4 :having a report of data>
- <Need #5: avoiding Redundancy and duplication in data.>
- < Need #6:Prevention of data-loss (Data Backup)>

The Opportunity

As we have read the clients request for proposal, we recognized that their major goal is to have better data management in their archive. So we would like to grab this opportunity and offer our solution. We would like to summarize the client's goal based on their request for proposal.

- <Goal #1: to have a system that manages their data better>
- <Goal #2: assure quick access to their data>
- <Goal #3: assure data loss prevention>

The Solution

We as a team of experts in our field offer a logical recommendations to this problem. We can develop a software for you that can solve your problems and make efficient use of your time, energy and help you manage your archive better.
We offer these recommendations:

- <Recommendation #1: desktop based TV Archive Manager System>
- <Recommendation #2: web based TV Archive manger System(TAM)>

OUR PROPOSAL

We are a team consisting of six people which can help you solve your problems and achieve your goals. Our team has the following members with their specific abilities.

1. Ahmad Jawid (Programmer & Software Engineer)
2. Fardin Hakimi (Software Engineer)
3. Ghazalle Zaheer (Database Designer)
4. Jalil Ahmad Fazely (Database Designer)
5. Aalem Daneshyar (Programmer)
6. Shah Agha (Programmer\

We strongly recommend you the web based TV archive manger. Because it has the following advantages:

- Multiuser access to data.
- Better data management
- Accessing data over local network
- ease of retrieving data
- saves time and energy
- Better security over desktop based system.

If you continue using the current way of archiving and managing your data, you are likely to face the following problems:

- Losing track of data
- High rate of Data duplication
- High rate of losing data
- Mismanagement of data
- Waste of time and energy
- Too much load of data

Our solution can enable Eslaah TV to fully realize the benefits of improved productivity throughout the use of our proposed system. Most importantly, we provide the training and support for this new solution.

Rationale

Based on experience of other televisions in various parts of the world, traditional managing and archiving data is not a good idea. It is better to have a specific software to able to manage and archive data in an efficient manner.

Execution Strategy

Our execution strategy incorporates proven methodologies, extremely qualified personnel, and a highly responsive approach to managing deliverables. Following is a description of our project methods, including how the project will be developed.

We will use the agile development method, and we will use two iterations to complete the whole project.

Iteration 1:

- Archiving data capability
- Managing data capability

Iteration 2:

- Quick access to data(retrieving capability)
- Having a report of data

Project Deliverables

Following is a complete list of all project deliverables:

Deliverable	Description
Archiving data	In categories.
Archiving the categorized data	Based on record date, name, contents and a tag.
Report	Monthly, weekly or daily report of recorded programs.
Searching for a program	Based on name, date, category, tag or description.
Managing Data	View, Edit or delete data in different categories.
Redundancy and duplication control	
Prevention of data-loss (Data Backup)	

Timeline for Execution

Key project dates are outlined below. Dates are best-guess estimates and are subject to change until a contract is executed.

Description	Start Date	End Date	Duration
Project Start	30/3/2013	22/6/2013	84 days
Adding items by category	11-may-2013	16-May-2013	5 days
Editing or deleting items	16-May-2013	23-May-2013	7 days
First demo	11-may-2013	25-May-2013	14 days
Report printing	25-May-2013	1-June-2013	7 days
Search capability	1-June-2013	11-June-2013	10 days
Second Demo	25-May-2013	19-June-2013	25 days
Merge Branch to Release	19-June-2013	22-June-2013	3 days
Project End	30/3/2013	22/6/2013	84 days

EXPECTED RESULTS

We expect our proposed solution to Eslaah TV's requirements to provide the following results:

Financial Benefits

- <Result #1: Requires less resources
- <Result #2: Efficient usage of resources
- <Result #3: Increased productivity

Technical Benefits

- <Result #1: Increased work agility>
- <Result #2: Easy data trouble shooting>
- <Result #3: Easy data management>
- <Result #4: increased work accuracy

CONCLUSION

We look forward to working with Eslaah TV and supporting your efforts to improve your Data management, and supporting the software. We are confident that we can meet the challenges ahead, and stand ready to partner with you in delivering an effective solution.

If you have questions on this proposal, feel free to contact <Ahmad Jawed Jami > at your convenience by email at <AlphaTeam@gmail.com > .We will be in touch with you next week to arrange a follow-up conversation on the proposal.

Thank you for your consideration.

INTERVIEW

INTERVIEWED BY: THE ALPHA TEAM   INTERVIEWEE: MR. ABDULLAHI

To have a better understanding of the project requirements we (The Alpha Team) came out to have an interview with the technical staff of the Eslaah TV.

Fazil: You mentioned that you've worked for different TV stations, did they use any database system?

Technician: Unfortunately no. None of the TV stations, even now, don't have a database system.

Jawid: Do you only want to save the link/address of a file in the database or the file itself?

Technician: No I need just the address of the file but it would be great if there is a preview for the specified file in the interface, only if possible.

Fazel: What about the backup do you need the files to be backed up?

Technician: Yes of course; we need the files to be automatically backed up, by schedule. And the path for backup should be manually specified.

Technician: What do you think should we have a database for each section (Archive, Production, Management, and Editing)?

Jawid: We have a solution for that, however it's a bit difficult, but we want to create web-based application for you to be accessed on the network for each section of your station.

Aalem: how do you archive your files?

Technician: Based on date, the files are categorized in two parts: Broadcasted and Non-broadcasted program. In each folder the category of the files are specified and the files are archived. The categorized archived files are then burned on DVDs.

Aalem: Even after this system is completed, would you still keep on archiving data on DVDs as hard copy?

Technician: No, this is just a temporary solution to avoid losing data. We want to store the data on Hard Drives only.

We want the programs to be archived and retrieved with/by the following details:

- Name
- Dates (Recording, Publishing, Archiving)
- Category
- Contents (Tags)
- Duration of program

Technician: We also need to have the ability to add a new category. And user/data management.

Jawid: What about the reporting?

Technician: We do need this ability for the following reports

- General
- Specified period of time
- Categorized
- Tags

The Alpha Team

SOW for Agreement to Perform Consulting Services to Eslaah TV

Date	Services Performed By:	Services Performed For:
[Date]	The Alpha team	Eslaah TV

This statement of work is agreed upon between the Alpha Team and Islaah TV. Only the requirements specified in this document are deliverable and will be fulfilled up till the specified date.

PERIOD OF PERFORMANCE

Start date March 30, 2013, and shall continue through June 22, 2013.

SCOPE OF WORK

Problem Statement:

Eslaah TV uses the traditional/old system of management for archiving data, which is file based that will lead to the following problems:

- Archiving programs
- Categorizing data
- Editing or deleting data
- Data duplication
- Inefficient searching
- Waste of time
- waste of energy

Our solution:

We develop an application, which is a database system by the name of Television Archive Manager (TAM).

Deliverables:

These deliverables are specified according to the client's requirements;

- Archiving data by category.
- Archiving the categorized data based on their record date, name, contents and a tag.
- Annually, monthly, weekly or daily report of recorded programs, in print version
- Searching for a program based on name, date, category, tag or description.
- View, Edit or delete data in different categories.
- Redundancy and duplication control
- Prevention of data-loss (Data Backup)

THE ALPHA TEAM RESPONSIBILITIES

The team's responsibility is to develop the application according to the client's requirements and to deliver it on time. To ensure the satisfaction of the client, quality of work and maintenance of the software.

CLIENT RESPONSIBILITIES

Having regular meetings with the team and explaining the requirements as clear as possible and to support the project till the completion.

TIMELINE

The project deliverables timeline table:

Deliverable name	Delivering Date	Number of Days
Adding items by category	16-May-2013	5

Deliverable name	Delivering Date	Number of Days
Editing or deleting items	23-May-2013	7
First demo	25-May-2013	14
Report printing	1-June-2013	7
Search capability	11-June-2013	10
Second Demo	19-June-2013	25
Merge Branch to Release	22-June-2013	40

COMPLETION CRITERIA

- The Alpha Team is to deliver the project on the date specified in the timeline.
- The specified requirements are to be fulfilled only.

ASSUMPTIONS

- The completion of the project may be delayed if new requirements, based on the agreement of both parties, are added.

FUNCTIONAL REQUIREMENT SPECIFICATION

1. As an administrator or user I can access the database from a local/remote system
2. As a user or administrator I can archive data based on
   - Name
   - Dates (Recording, Publishing)
   - Category
   - Contents (Tags)
   - Duration of program
3. As a user or administrator I can search data based on
   - Name
   - Dates (Recording, Publishing, Archiving)
   - Category
   - Contents (Tags)
4. As a user or administrator I can get report based on
   - General
   - Specified period of time
   - Category
   - Tags
5. As an administrator I can back up the data manually or automatically by specified schedule
6. As an administrator I can manipulate data
   - Add a category
   - Delete a category
   - Edit a file
   - Delete a file
7. As an administrator I can add new authorized users or remove existing ones

‖ USER INTERFACE

ADD EDIT REPORT BACKUP USER MANAGMENT

Log out

Category

Record

Category

Add Category:

Add

Delete Catergory:

Delete

ADD EDIT REPORT BACKUP USER MANAGMENT

Log out

Category

Record

Record

Name Tag Date Category Search

| ADD | EDIT | REPORT | BACKUP | USER MANAGMENT |

Log out

General ✔ Tag [____] Category [____] From Date [____] To [____]

Name	Tag	Rec Date	Pub Date	Arch Date	Category

Print

| ADD | EDIT | REPORT | BACKUP | USER MANAGMENT |

Log out

Manual Backup

From date: [____]   From date: [____]   Backup

Automatic Backup : [__]

Daily ○ Weekly ○ Days [__]

[_____]   Browse

Save

| ADD | EDIT | REPORT | BACKUP | USER MANAGMENT |

Log out

Add

Add

Edit

Name:

Password:

Re-Password

Job:

Create

| ADD | EDIT | REPORT | BACKUP | USER MANAGMENT |

Log out

Edit

Add

Edit

User	Job	
Ahmad	Manager	E X

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Note: It's mentionable that all the tasks were done by all of the group members, not individually. Pushing into git-hub was given to a specific member. But coding will be done individually.

Thanks

The Alpha Team