

MATRIX

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Abstract- Matrix is web and mobile application that will work in any browsers or mobile. This application contains the 2 main modules, one is contact master and other is MIS. Matrix, help the Client to post their work online and find the best user for that work. Once marketing team posts contract to the system, rest of the departments can take action on it.

Keywords- ISO, Angular, WebAPI, KendoUI.

I. INTRODUCTION

Matrix is available in web and mobile applications. Application contains various modules starting from Organization, Contract Master, MIS, Service Master, Holiday, Payment, Surveillance Master, Account Master, Follow-up. These modules are integrated with each other. Process starts with contract and ends with payment and follow-up.

II. LITRATURE VIEW

Nowadays, getting ISO certifications for companies are getting more and more difficult. Along with that companies which provide ISO certificates are getting lots of work to issue single certificate.

The main purpose of this application to provide a seamless process for the company which provides ISO certifications. It's very easy to work with inter-departments and allocate task one after another. Starting from the marketing team to the accounting team, they can work with this system and complete one certification process by performing sequential tasks.

This application will surely improve the productivity and inter-department communication. There are various departments are working as team that includes, Marketing, Administration, Consultants, Sales, Account, etc.

III. STUDIES AND FINDINGS

There are lots of online applications which are available in the market as ready to use. But none of them could satisfy the actual needs from the client. This application provides a better communication with different departments

without any extra effort. Tracking of contract made simpler to get the updates on the go.

This application is so ease of use that not a single user would require any technical knowledge. Lots of custom reports can be pulled out at any point of time like work chart, sales, growth, MIS, etc.

Usability:

This application is developed based on the customer needs. User interface, workflow and reports are the key areas of user acceptance.

Efficiency:

This application is fast and robust such that a single page would get loaded in 2-3 seconds with the workload of 3000 users at the same time.

Readability:

The output of this application is reports. Reports should get the exact picture of the things going around within the organization like contracts, sales, team effort, etc. All the reports are covered to make the full advantage of the application.

Accuracy:

Data stored in the database must be accurate throughout the lifecycle of the contract.

Security:

Application provides different security features to make sure that data theft, cyber-attacks and misuse of application.

Maintainability:

Application is fully customizable from the front-end itself. Whenever client wants some changes to the system, they can do it by their own.

IV. CONCLUSION

This application is the worth for the client to manage their day to day work. They can concentrate on their own work rather relying on other departments. Application provides

security feature which prevents access of one department to another. If you don't have access to your computer or laptop, you can directly view your tasks from mobile application and also can work from the client location. This application is really helping to our client and they are achieving more from this.

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