



cyber space

CONTROLLING COMPLEXITY

Portfolio

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1 WEBSITES AND NATIVE APPLICATIONS

1.1 PAYAMBER

Url: payamber.cyberspacepk.com

Description:

Since the ancient times, people use to communicate with each other through post such as letters; to some extent, this system is still in practice. It is very slow mean of communication; during this modern era minimum, a whole day is required in delivering your postal mails. After the creation of internet, in 1978 first proper email was casted using internet instead of postal, yes, the era of emails starts from that moment; then this evolves to the extent of SMS (Short Message Service), MMS (Multimedia Message Service) and then IM (Internet Message), then VoIP (Voice over Internet Protocol) took birth in 1996. All communication applications we have these days are built using the IM and VoIP technologies, most popular examples are Skype Messenger, WhatsApp, Viber, Facebook Messenger, IMO, Line, etc. This evolution of technology has compressed the distances to zero. You want to talk to someone just start your app and call to that particular person in no time, you can either have video conversations or audio calls with your loved ones.

There is a group who didn't suffice on all this; they want to use the technology for more productive manners. As the concepts of "virtual classrooms" and "virtual-offices" are remarkably defining their importance in our education sector and corporate sector respectively. Due to which they are craving for such a strong solution which can handle their virtual environment effectively.

Payamber will satisfy them as this system will have the capability that it can fulfill all of their needs. We are developing this system by properly analyzing all of the prospects of the education sector as well as corporate sector. Payamber will consist the following two basic components:

- ✓ Conference Call
- ✓ Content Management System

Other than aforementioned components Payamber will have the following capabilities:

- ✓ In-call whiteboard
- ✓ In-call PowerPoint slideshow
- ✓ Role base membership service
- ✓ Call recording service
- ✓ Automatic uploading of call recordings to YouTube

Payamber will be the efficient lightweight system which can be hosted on either intranet or internet, a web-based system which will be developed in ASP.net MVC 5 and after the 1st quarter of 2016, we will migrate it to ASP.net vNext so that our potential and existing clients can be able to have the latest technology for their organization. For the database, we will use MS SQL Server 2014 or above and for VoIP, a centralized server of CentOS with a Free switch will be used.

As said afore Payamber is meant to be for education and corporate sector, for this we are brainstorming on this that either we combine both sectors in one edition or release two different editions for those two sectors separately. We will do consensus on this very soon. Whatever the decision will be, but it will be benchmark system of its own kind.

1.2 MISSION CONTROL

Url: N/A

Description:

Mission control is the self-tailored Content Management build in the ASP.net core. This system is the base content management system with the following modules:

1. User Management System
 - a. Role-based login and user registration for the Administration and moderation of the website.
2. Page Management System
3. Team Management System.
4. Blog Management System
5. Navigation Management System
6. Assets Management System
7. Photo Gallery Management System
8. Contact Form Management System
9. Products/Services Management System
10. Separate Service Catalog and Product Catalog
11. HR Management related to Career Management System
12. FAQ Knowledgebase Management
13. Activity Log
14. Search Engine Management System
15. Latest Search Trends
16. Google Analytics Support
17. Meta Tag Creations on Site Level as well as post level

1.3 CYBASP MIGRATION TOOL

Url: aspmigdev.cybasp.com

Description:

This system will allow the team of CyberLinkASP to migrate their clients' legacy servers to the cloud servers provided by the CyberLinkASP. This system will use the file syncing mechanism to perform its job. It will be developed in the following phases after concrete scope definition. This system will sync the data using the encrypted data channels due to the cruciality of the data.

1.4 ASPIRE AGENCY MANAGEMENT SYSTEM

Url: aspire.impowersoft.com

Description:

Aspire is the product of Impowersoft, Inc. This system is used by the Insurance Companies for managing their registers. I managed this system from January 3rd, 2017 to September 1st, 2017. During this tenure following were the responsibilities:

- a. Management of the Servers
- b. Resolution for the support tickets
- c. Performing enhancements in the database and front end.

1.5 OFFICIAL WEBSITES FOR THE ORGANIZATIONS

Sr. no.	Organization Name	URL	Website Type
01.	Namus International	www.namusintl.com	Dynamic
02.	Techno Trends Pakistan	www.technotrends.com.pk	Dynamic
03.	Gogann	www.gogann.com	eCommerce Web Store
04.	Momenatre	www.momenatre.com	eCommerce Web Store
05.	Lamborghini Club America	www.lamborghiniclubamerica.com	Dynamic using Custom Made CMS
06.	Imperial Automobili	www.imperialautomobili.com	WordPress
07.	Wigout	www.wigout.org	WordPress
08.	Del Consultants	www.delconsultants.co.pk	Dynamic using Custom Made CMS
09.	Amax Insurance	www.amaxinsurance.com	Server-side is coded by us
10.	Clean Air	www.cleanair.com	Clean Air
11.	Huston Car Stereo	www.houstoncarstereo.com	Dynamic
12.	ITL Detailing	www.itldetailing.com	Dynamic
13.	Jawad Qazwini	www.Jawadqazwini.com	WordPress
14.	Texas Direct Auto Auction	www.tdaa.com	WordPress

2 MOBILE APPLICATIONS

2.1 KOMODO IPHONE APP

URL: <https://itunes.apple.com/es/app/komodo-wifi/id1128887447?l=ca&mt=8>

Description:

Komodo is an innovative WIFI monitoring solution that allows you to see your network from the user's perspective. Monitoring this way gives your insight into issues that escape other hardware and network monitoring solution. You will be able to detect and resolve these issues before your users even realize there's a problem.

We worked with the RestKit framework on REST integration. RestKit makes web service integration much simpler but we did have to code some complex dynamic mappings.

This project had several features covering computer networks. Which included network details of the currently connected network, ping, traceroute, speed test and detecting captive portal.

It was exciting to work on Apple's newly introduced NetworkExtension APIs. Real devices were also controlled by the app.

This project involved extensive R&D.

2.2 SIGNATURE COLORPRINT IPHONE APP

URL: <https://itunes.apple.com/al/app/signaturecolorprint/id1031844215?mt=8>

Description:

Introducing the Signature ColorPrint™, the world's only patented personalized lifestyle color analysis image tool. Our advanced technology scientifically measures your unique coloring to generate your personalized Signature Color Print™. This personalized palette displays your absolute best makeup and clothing colors. It is not only a shopping and dressing tool used for selection of your most flattering colors of makeup and wardrobe, it is a lifestyle tool that fits in your pocket or your purse. Your Signature ColorPrint™ will resonate with your personal identity as it forges a sense of self.

We worked with the RestKit framework on REST integration. RestKit makes web service integration much simpler but we did have to code some complex dynamic mappings.

This project had several features covering computer algorithms and image processing; which included detection of the color or image on a selected area of the image, suggesting new colors in realtime after detecting currently selected color, detecting luminosity while clicking the picture.

It was exciting to work on GPUImage and PBJVision APIs. Real devices were also controlled by the app.

2.3 SKIPIO IPHONE APP

URL: <https://itunes.apple.com/gb/app/skipio/id1039372530?mt=8>

Description:

Skipio began with the simple goal of providing an easy-to-use software that allows businesses to consistently and personally reach their customers through text, email, voicemail, and mobile billing. It has continued to develop to become the most manageable and simple tool for contacting, communicating and keeping your clients.

We worked with the RestKit framework on REST integration. RestKit makes web service integration much simpler but I did have to code some complex dynamic mappings.

This project had several features covering:

- ✓ Send and receive text messages
- ✓ Send and receive multimedia messages
- ✓ View multimedia messages in full screen
- ✓ Send message to multiple contacts at a time
- ✓ Send message to multiple groups at a time
- ✓ Get notified when you receive a message

It was exciting to work on JSQMessageViewController and Twilio APIs. Real devices were also controlled by the app.

2.4 SOME OTHER PROJECTS

We have worked on

Sr. no.	Application Name	Description
01.	DetoxPro	Detox Pro Brings a Unique Way of Regenerating The MIND, BODY & SOUL. Detox Pro helps the health-conscious individual, find, manage and track detox diets from start to finish. https://itunes.apple.com/us/app/detox-pro-diets-plans/id593885891?mt=8
02.	#fitapp	An application which allows the user to log his gym workout as a notepad but notepad is intelligent and auto-suggest his exercise tags. This app also calculates calories burned by analyzing user textual input.
03.	GPS Tracker	An application which allows users to real-time track the embedded system which they can place in their car or bag.
04.	UMT Radio	An application which allows listeners of UMT Radio to listen to the Radio as well as being the part of it too.

3 GRAPHICS DESIGN DIVISION

For the graphics design portfolio please visit the following link:

<https://www.behance.net/voododesi3898>