

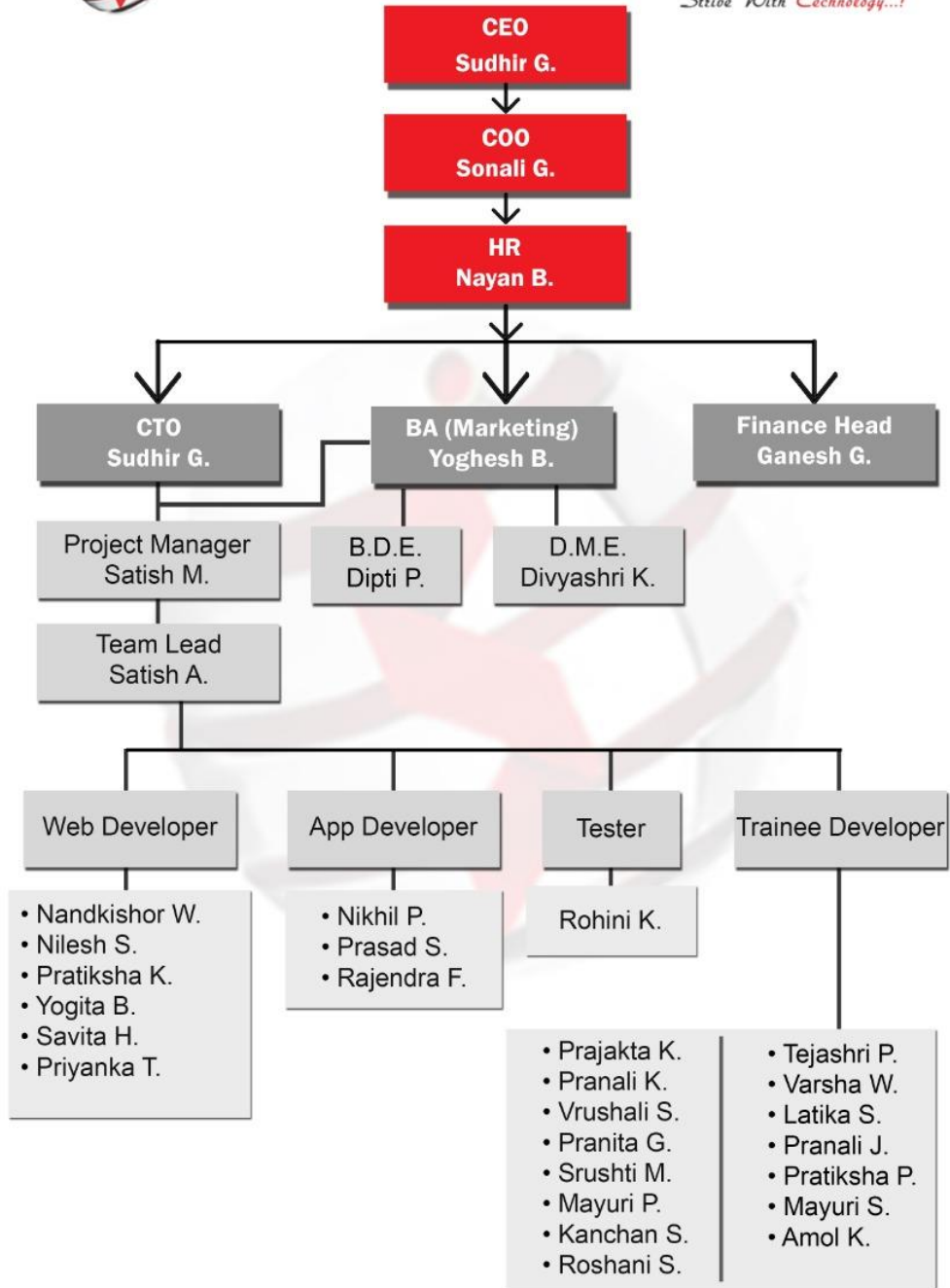
Chapter 1

Title : Organizational Structure of Sumago Infotech and General Layout



Sumago Infotech Pvt. Ltd.

Strive With Technology...!



Organization Structure

CHAPTER -2

Title : Introduction of Sumago Infotech, Types of Product And Services ,History ,Number of Employees.

Sumago Infotech is a company established in Oct 2013. It has industry-specific software expertise in technology, healthcare, financial, media, manufacturing and many other sectors. This company specializes in offering Web Designing, Web Application Development, Mobile App Development, Software Development, Digital Marketing, Software Testing, Quality Assurance Services and many more.

Sumago Infotech aspire to be the global sourcing choice of the world market and revolutionizes the way service processes function. To reach out to the common people across the globe and making Information Technology a tool for the “MASS” along with the tool for the “CLASS”. Creating innovative IT solutions and provide IT-enabled services to delight customers worldwide and build Relationships based on Trust, Values and Professionalism.

Sumago Infotech has industry-specific software expertise in Technology, Financial, Healthcare, Media, Manufacturing, and many other sectors. The company specializes in offering Web Designing, Web Application Development, Mobile Application Development, Software Development, Digital Marketing, Software Testing, Quality Assurance services, and many more.

We are a team of committed innovative, client-sensitive and experienced software professionals who always strive to deliver customized, cost- effective and long-term software solutions that complement our client's objective and result in a satisfied customer.

At Sumago Infotech, We “Strive with Technology” to provide the most effective and affordable service that fulfills our customer’s needs and budget. We provide customized websites and software solutions that suit customer’s company objectives. We always keep involving our customers in an entire process starting from design through deployment, so that your ideas can be incorporate into our work.

After deploying website or software we keep working with you to provide continuous support. We also help to promote your businesses by our digital marketing services. Our focus is always on giving a quality product to a customer for which we design attractive websites, by combining creative strategies with innovative technology.

Services Provided By Sumago Infotech

- **WEBSITE DEVELOPMENT**

Sumago Infotech is a web design studio that offers corporate web design and custom web design. Our website designers offer cheap website design that is user-friendly at the same time easily customizable. We offer both corporate web design as well as custom web design.

Our experience and expertise in the field of websites designing and development make us far more superior. We can make your website rich with designs and also provide it with a perfect search engine ranking. Our website designers offer our clients with custom web design services that are cheap and affordable.

We create and design sites above your imaginations. Our services are unique and distinct from other web design companies. Our corporate web design services are specially designed to suit all your custom web design services. We also guarantee top results in the search engine ranking with the help of our website designers.

Our web design solutions include Complete Site Design from Scratch, Redesign of your existing website, Error correction in your website, New Sections in your current website, Complete revamp of your present website with old/new content and Daily site content maintenance.

After understanding your needs we come up with the right web site structure which promises to work the best for you. Each web design is a masterpiece in itself; 100% original and effective.

Planning For Custom Website Development

- ✓ Consultation
- ✓ Research and analysis
- ✓ Planning
- ✓ Innovation
- ✓ Architecture

✓ Implementation

✓ Monitoring

✓ Market is flooded with plenty of templates, themes for custom website development. Templates are made by professionals so they are good in look and feel and many ways functional too. But templates are not able to make you stand out or templates, themes do not give business-specific functionality to your website.

✓ Therefore, when you are in need of custom website development which also can serve your business with specific requirements, you have to consider about custom website development.

• **MOBILE APP DEVELOPMENT**

Android is the Latest technology. Most Companies Prefer using Android development because it is cheap and efficient with respect to speed and execution. Many Mobile Apps are developed in android because it provides a wide range of functionality.

Software on Android Application is used widely because it is available on every mobile, iPad and tablets. Android application is developed in cheap charges due to free availability with respect to other tools.

1.Understanding what you want

✓ Understanding and analyzing your app idea

✓ Profiling the potential user of the app to identify key variables

✓ Refining the idea to make it more desirable for you and the user

✓ Creating and agreeing upon the Final Requirement Document

✓ Finalizing the milestones

2.Designing your app

✓ Selecting the right style of design for the app

✓ Creating the initial draft of the app design

✓ Zeroing down on the final app design

3.Developing the Code

- ✓ Creating all the app assets
- ✓ Coding the basic mechanics of the app
- ✓ Delivering the first draft
- ✓ Re-Working on the app, based on inputs
- ✓ Creating UI elements and integrating all the elements

4.Submitting the ready-to-use app

- ✓ Assessing and testing the final quality
- ✓ Submitting the final app to the client
- ✓ Submitting the app to Apple / Android store

• **SOFTWARE DEVELOPMENT**

If you are searching for expert software developers for developing any kind of application for your business or other work then here you are at right place. We provide efficient, robust and cost-effective solutions for your business needs using the leading information technology principles combined with the modern computer languages and technologies.

We at Sumago Infotech, provide a full range of software development services, covering the entire product lifecycle from needs analysis and system architecture, through design, development, and quality assurance, up to and including long-term maintenance.

Sumago Infotech is an established name in the field of Software Development. Sumago Infotech comprises of a team of seasoned software professionals dedicated to providing a reliable and cost-effective end-product. Our Application Development model is a result of various innovations and enhancements, and is engineered to deliver a product that not only fulfils clients' requirements, but also adheres to global standards of software engineering.

Planning For Custom Website Development

- ✓ Custom Software Development
- ✓ Windows Application Development
- ✓ Enterprise Application Development
- ✓ Desktop Application Development

- ✓ Software Product Development
- ✓ Software Maintenance

- **WEB HOSTING**

Web hosting is a service that allows organizations and individuals to post a website or web page onto the Internet. A web host, or web hosting service provider, is a business that provides the technologies and services needed for the website or webpage to be viewed in the Internet. Websites are hosted, or stored, on special computers called servers. When Internet users want to view your website, all they need to do is type your website address or domain into their browser. Their computer will then connect to your server and your webpages will be delivered to them through the browser.

- **BULK SMS**

Bulk sms is part of digital Marketing solution. Bulk SMS is easier way to communicate thousands of people just in second. You are able to send sms in bulk with Single click from Desktop and Laptop by using our online Web portal with secure Username and Password.

Type of Bulk SMS:-

1.Promotional/Marketing Bulk SMS:-

Promotional root bulk sms is based on marketing related message. In which, any firms or companies grow up their business with branding and marketing of products and services of their customers only in Non DND numbers. Delivery only 9 am to 9 pm

2.Transaction Bulk SMS:-

Transactional root bulk sms is based on services reminded

Features of our Bulk SMS Services:

- ✓ White label reseller panel for Domestic as well as International.
 - ✓ Unlimited Users / Unlimited Sender IDs under your account for re-seller.
 - ✓ HTTP API - HTTP APIs help in easy integration of Bulk SMS features to your website or applications.
 - ✓ Excel Plug-In Tool - Helps in sending large number of SMS on a single click from your desktop.
 - ✓ Competitive Bulk SMS.
 - ✓ Full featured Control Panel helps in managing bulk messaging.
 - ✓ Instant Activation on Purchase.
 - ✓ Promotes bulk sms through a robust and dynamic web based application that uses http and smpp server to filter out the DND.
- For Demo: [Sumago Infotech - Bulk SMS](#)

• **SOCIAL MEDIA MARKETING**

Whether it's creating your digital product or just designing it, whether it's engaging with your audiences or just marketing to them, we do it all.

Social media is the collective of online communications channels dedicated to community-based input, interaction, content-sharing and collaboration. Websites and applications dedicated to forums, microblogging, social networking, social bookmarking, social curation, and wikis are among the different types of social media.

Creative and Interaction design

From defining your brand to designing your visuals. We can create:

- ✓ Brand Identity
- ✓ web UI/UX
- ✓ Graphic Design
- ✓ Marketing Collaterals

Product Development

Product that tells your story and meets your goals. We can build

- ✓ Responsive and Mobile Websites
- ✓ Mobile Apps

- ✓ Social Media Apps
- ✓ Web Services and Apps

Digital Marketing

Relevant, optimized and precise communications. We can help you with:

- ✓ Search Engine Optimization
- ✓ Search Engine Marketing
- ✓ Contextual Display Advertising
- ✓ In-app Mobile Marketing

- **ERP**

The need of the hour for manufacturing industries to overcome aggressive business competition does not rest only with techno-savvy production line equipment's and gadgets, but also depends on smart usage of technology to leverage their true potential. Yes, ERP software for Companies is the best bet to set right all the parameters that define growth even in constrained conditions. And who better than Sumago Infotech, the leading firm for custom software development in Pune, can deliver these much-needed aspects through robust ERP solutions.

Key Features of Enterprise Resource Planning:

- ✓ Streamline the process to arrive at better optimization solutions
- ✓ Identify and implement effective cost control measures to achieve better operational efficiency and profits.
- ✓ Meet the ever growing demands of customer satisfaction and standards
- ✓ Satisfy the stringent requirements of traceability, regulations, and compliances
- ✓ Seamless interaction with various verticals in the industry to harness maximum productivity.

Perhaps the claim about the potential of our ERP software can be well illustrated by enlisting the key features:

- ✓ Identify, plan, create and execute optimized production plans for a machine and men based on their capacities
- ✓ Manage and have a solid grip over quality control
- ✓ Monitor waste and rejections to improve process and schedule machine maintenance
- ✓ Get key metrics to arrive at best machine consumption and downtime analysis
- ✓ Generate production reports and prepare variation between actual and estimated costs
- ✓ Much more than you can ever imagine.

In short, Sumago Infotech, the most sought after solutions provider of ERP software, can integrate your production with all stakeholders - suppliers, vendors, customers, machines and manpower

Our customized ERP solutions are not restricted to the manufacturing sector. To cater the requirement of web based ERP solution for employee and product management, we create robust solutions that can be seamlessly integrated with each other. Our ERP solutions include

- ✓ Purchase management
- ✓ Operation management
- ✓ Dispatch management
- ✓ Inventory management
- ✓ Employee record management

To encapsulate, Sumago Infotech can help you attain unimaginable heights through customized ERP solutions. To know how it can benefit your manufacturing process or business management, connect us for a demo and presentation.

• **SEO**

Search engine optimization (SEO) is the process of improving the ranking of your website in the leading search engines. The object of SEO is to increase the volume and quality of traffic to your web site. SEO can also target different kinds of search, including local search, and industry-specific vertical search engines. Since more than 80% of surfers use search engines to locate a product, service or information,

it makes immense business sense to optimize your website. If your company website does not appear in the top 10 ten results of a search engine, chances are that your clients will go elsewhere.

The SEO Process

The leading search engines work on algorithms which are constantly fine tuned. The job of SEO professionals is to try to gauge the impact of each refinement in order to maintain or enhance a site's ranking.

Proper SEO is a blend of the efforts of an artist, the content writer and the programmer. The design team should know how to place various elements in the layout, the content writer should include unique, keyword rich content and the programmers should know how to minimize code so that the search engine robots get to the content with minimal parsing.

SEO is a complex process as there are no established norms. In order to fetch relevant content for the browsers, search engines always keep on improving their algorithms. Of course, they do not disclose the parameters they use. That is why it is important to opt for a SEO company that has vast experience and a good track record.

Sumago Infotech has an extremely satisfactory success ratio in optimizing websites. To protect the business interests of our existing clients, we cannot divulge examples of our SEO campaigns on our website. Please contact us to discuss your requirements, and we will demonstrate our prowess in this field online directly.

Features

- ✓ An initial audit that includes a competitive review and keyword research is completed in order to build a project plan that has a clear plan for success.
- ✓ On-page optimization & internal linking is set up to maximize rankings
- ✓ Landing page creation and optimization is put in place for each keyword
- ✓ Monthly link building and content outreach takes place in order to augment ranking growth

Products of Sumago Infotech

Online Examination System

ERP

Magic Bricks Application

Food Delivery Application

Online Service Provider Application

Home Automation System

E-commerce Application

The count of Employees currently working in Sumago Infotech is 30.

Chapter – 3

Title : Types of major Equipment Instruments/Machines/Computer Systems/Software Used in Industry with their specification , approximate cost and specific use and their routine maintenance.

Computer Systems:

Count: 40

Configuration:

Processor: Intel i5

Memory: 4GB

HD: 240GB

OS: Ubuntu

Software:

Editors : Sublime

Adobe Dream Viewer

BlueFish

Android Studio

Eclipse/Netbeans

Server : Xampp

Wampp

Lamp

Technology listing

Html

Css

Bootstrap

Php

MySQL

Android

Java

Javascript

Jquery

Chapter – 4

Title: Manufacturing And Development Process along with production /software development planning and control / implementation method.

Software Development Process

Communication

This is the first step where the user initiates the request for a desired software product. He contacts the service provider and tries to negotiate the terms. He submits his request to the service providing organization in writing

Planning

The team comes up with a rough plan of software process. At this step the team analyzes if a software can be made to fulfill all requirements of the user and if there is any possibility of software being no more useful. It is found out, if the project is financially, practically and technologically feasible for the organization to take up. There are many algorithms available, which help the developers to conclude the feasibility of a software project.

Designing

Next step is to bring down whole knowledge of requirements and analysis on the desk and design the software product. The inputs from users and information gathered in requirement gathering phase are the inputs of this step. The output of this step comes in the form of two designs; logical design and physical design. Engineers produce meta-data and data dictionaries, logical diagrams, data-flow diagrams and in some cases pseudo codes.

Coding

This step is also known as programming phase. The implementation of software design starts in terms of writing program code in the suitable programming language and developing error-free executable programs efficiently.

Chapter – 5

Title : Testing of System Configuration, Network And necessary Tools for S/W development and complete software along with quality assurance procedure .

Testing

An estimate says that 50% of whole software development process should be tested. Errors may ruin the software from critical level to its own removal. Software testing is done while coding by the developers and thorough testing is conducted by testing experts at various levels of code such as module testing, program testing, product testing, in-house testing and testing the product at user's end. Early discovery of errors and their remedy is the key to reliable software.

Tools used for Software Testing

Manual Testing

Manual testing is the process of using the functions and features of an application as an end-user would in order to verify the software is working as required. With manual testing, a tester manually conducts tests on the software by following a set of pre-defined test cases.

In order to successfully conduct manual tests, you first need to understand the requirements of the software. By understanding the requirements, you'll know what needs to be tested and what classifies a defect. This is a crucial part of manual testing as the main goal is to make sure the software is bug-free.

Selenium

Selenium is a portable framework for testing web applications. Selenium provides a playback (formerly also recording) tool for authoring functional tests without the need to learn a test scripting language (Selenium IDE). It also provides a test domain-specific language (Selenese) to write tests in a number of popular programming languages, including C#, Groovy, Java, Perl, PHP, Python, Ruby and Scala. The tests can then run against most modern web browsers. Selenium deploys on Windows, Linux, and macOS platforms. It is open-source software, released under the Apache 2.0 license: web developers can download and use it without charge.

Chapter – 6

Title : Deployment Strategy Used by industry, Documentation Methods and end user Support.

Deployment

The objective of deployment phase is to make the developed software operational in a live environment. A deployment in the operational environment comes only after the product is fully tested and accepted by the business in the acceptance stage of the testing phase. Here we may need to provide training to the real time users and post-deployment review is done in this phase.

Maintenance & Support

This phase confirms the software operation in terms of more efficiency and less errors. If required, the users are trained on, or aided with the documentation on how to operate the software and how to keep the software operational. The software is maintained timely by updating the code according to the changes taking place in user end environment or technology. This phase may face challenges from hidden bugs and real-world unidentified problems.

Feedback

We provide customized websites and software solutions that suit customer's company objectives. We always keep involving our customers in an entire process starting from design through deployment, so that your ideas can be incorporated into our work. After deploying website or software we keep working with you to provide continuous support. We also help to promote your businesses by our digital marketing services. Our focus is always on giving a quality product to a customer for which we design attractive websites, by combining creative strategies with innovative technology.

Chapter – 7

Title : Safety Procedure followed and safety gear used (Preventive Measures – s/w development process)

1. Failure modes, including hardware, software, human and system are addressed in the design of the software.
2. Sound software engineering practices and documentation are used in the development of the software.
3. Software is designed for human machine interface, ease of maintenance and modification or enhancement.
4. Software with safety-critical functionality must be thoroughly verified with objective analysis

Chapter – 8

Title : Particulars of Practical Experiences in Industry / Organization is any in production /Assembly /Testing / maintenance .

1. We learned how to work in a team on a large Project .
2. Learned different tools and Software's which are used by company to develop applications.
3. We learned how to take requirement from client and prepare SRS.
4. Learned how to design project flow from client requirements.
5. We learned how to develop Static Websites as per client requirements.
6. We studied entire process of software development life cycle.
7. We went through different products developed by company and understood features of that product.
8. We learned the concept of Domain Registration and Web Hosting.
9. We saw live demonstration of server Configuration.
10. We studied all services provided by Sumago Infotech.

Chapter -9

Title : Short Report/Description of the project.

Chapter – 10

Title : Special / challenging experiences encountered during training.

1. Variety of technologies are available in market ,so it becomes difficult to adapt all technologies.
2. We need to give consistent time in order to learn software development.
3. Its difficult to learn different things in a limited Time.