PROJECT SYNOPSIS

On

**“Parking System”**

Six Months Industrial Training

At INFOWIZ, Chandigarh



<College logo>

**SUBMITED TO:- SUBMITTED BY:**

<lecture Name> <student name>

Class Roll No: <Branch>

**DECLARATION**

I hereby declare that the Industrial Training Report entitled ("Title of the project") is an authentic record of my own work as requirements of 6-months Industrial Training during the period from \_\_\_\_\_\_\_ to\_\_\_\_\_\_\_ for the award of degree of B.Tech.(Information Technology, **college name** under the guidance of (Name of Project Guide).

**(Signature of student)**

**(Name of Student)**

**(University Roll No.)**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Head of Department**

**(Signature and Seal)**

*About ‘****INFOWIZ***

INFOWIZ was formed in 2009 with the mission to provide Industrial training to aspiring Engineersand technical support to industries. Within a short span of 9 years “Infowiz” has become one of the leading organizations which offer state of art professional IT solutions, Industrial trainings, technical support and consultancy to software companies in India and abroad. Due to quality assurance and high level of commitments in our services, we have won quite a few accolades and are associated with reputed universities and popular corporates, in the field.We strive to impart personalized, professional and contemporary experiential trainings on all the engineering streams that are necessary for the career, success and growth for both students & industry respectively.

**Business Overview**

Founded as industrial lab for providing industrial training to undergraduate engineers, “**Infowiz”** has grown progressively to become vertically integrated company in the industrial training arena. The core business of the company is to deliver range of industrial trainings in various engineering streams to students, IT solutions, software consultancy and support to small and big companies. **‘Infowiz’** enjoys the distinction of being Unique & Positive in the tri-city (Chandigarh, Panchkula Mohali) with extensive steams of softwares & engineering subjects. **“Infowiz”** is in a strong position to work with reputed Universities

**Company Strategy**

* **Vision:** To provide unique & high quality trainings that exceeds the expectations of our esteemed Students and Clients.
* **Purpose:** To be a leader in the Industrial training industry by providing enhanced relationship and profitability.
* **Mission statement:** To build long term relationships with our students and clients and provide exceptional customer services by pursuing business through innovation and advanced technology.

**Core Value**

* We believe in treating our students & customers with respect and faith,
* We grow through creativity, research and innovation,
* We integrate honesty, integrity and business ethics into all aspects of our business functioning

**Goals**

* Regional& National expansion in the field of trainings/software consultancy and develop a strong base of students & corporates.
* Increase the assets and investments of the company to support the development of services.
* To build good reputation in the field of Industrial trainings& software consultancy and become a key player in the industry.

**Accolades**

INFOWIZ won the **NATIONAL AWARD** for **3 consecutive years 2014-2015,2015-2016 & 2016-2017** for **BEST Industrial Training**

* **Best Education Provider Award 2017** from Punjab Education Minister S. Dalijit Singh Cheema.
* **Best Industrial Training Award 2016** from Honorable GOVERNER of Punjab & Haryana.
* **Best Industrial Training Award 2015** from Dr .Udit Raj (MP) & Mrs. Vimla Mehra (IPS Delhi)

**Product Portfolio**

* Web Development (PHP &.NET)
* JAVA (Core & Advance)
* Embedded systems (AVR, PIC & ARM)
* I-phone & Android application development
* Networking (MCSE,MCITP, CCNA, CCNP& RHSE)
* CCDP certification
* Robotics
* Ethical Hacking & Cloud Computing
* SEO & Bidding
* Automation ( Scada,PLC, Pannel,Drives )
* MATLAB
* AUTOCAD Civil and Mechanical (2D & 3D)
* Solid Works,Catia,Pro-E,NX-10,Cre-o,Cnc Programimg
* Staad Pro,3Ds MAX,Revit,Prima Vera
* C/C++/Data structure
* Short term/long term Industrial training
* Technical Support & Consultancy
* BBA,MBA (MARKETING,HR & FINANCE)

**Business Information**

* ***Business Type***: Industrial Training on Engineering courses, IT Solutions, Implementation
* ***State***: Chandigarh (UT)
* **Location*(s)***: Chandigarh, Bhatinda
* **Country:** India
* ***Employee Count***: 50 (Including CEO & MD)
* ***Delivery Lead-time:*** depend on the type of course and training
* ***Business Name***: INFOWIZ
* ***Business Address***: SCO 118-120, Basement, Sector 34A, Chandigarh   
  ***Business Email***: [info@infowiz.co.in](mailto:info@infowiz.co.in)
* ***Business Tel:***+91[172-4567-88](tel:172-4567-888)  +91 9888-500-888 +91 9888-600-888

**Principal Customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno.** | **Projects** | **URL's** | **Country** |
| **1** | *Viva Sales* | [*www.infowiz.in/vivasales*](http://www.infowiz.in/vivasales) | UK |
| **2** | *Mds Creative* | [*www.mdscreative.com*](http://www.mdscreative.com/) | Germany |
| **3** | *Liddle TV* | [*www.filmon.com*](http://www.filmon.com/) | UK |
| **4** | *Paradigms(Android)* | *Ongoing* | Australia |
| **5** | *Printcost* | [*www.popgraphics.net*](http://www.popgraphics.net/) | UK |
| **6** | *PSTDO Bootstrap* | [*www.bootstrap.achieversperfect.com*](http://www.bootstrap.achieversperfect.com/) | USA |
| **7** | *Essencesoftwares* | [*www.essencesoftwares.com*](http://www.essencesoftwares.com/) | Australia |
| **8** | *Dashboard (WordPress)* | *Ongoing* | USA |
| **9** | *Realstate* | [*www.realstate.infowiz.in*](http://www.realstate.infowiz.in/) | Russia |
| **10** | *Dealpartners(WordPress)* | [*www.dealpartners.co.uk.gridhosted.co.uk*](http://www.dealpartners.co.uk.gridhosted.co.uk/) | UK |

INFOWIZ is led by a team of professionals and technicians who are honest, committed and always ready to accept contemporary challenges. The leadership roles are

**1.Mr. Kamaljot Kansal (CEO)**

Mr. Kansal has been turning ideas into realities ever since he has taken up the task of promoting INFOWIZ. In his own words “*I never dreamt about success I worked for It.*” reflects that he believes in talk less and work more theory. No doubt under his leadership INFOWIZ has become one of strongest companies in the field of IT solutions in less than a decade.His management fundamental is “team work” as he takes along, talks along all his team members and appreciates and attributes their contribution to the success of INFOWIZ. He is determined to bring Infowiz in the top 5 companies in the country.

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**ROADMAP OF FUTURE**

***INFOWIZ’s*** future plans include regional and national expansion through both COCO and FOFO business models. Our 1st COCO branch is already operational at Bhatinda. Being an ISO certified company and member of CII we have attained very high level of accomplishments in the Industrial training business that we would want to take to masses. Infowiz is committed to develop its strengths & core competencies with continues research & technical excellence. It would never cease to embrace and add latest technological advancements in the field of trainings and pass the same to the students as and when demand will arise, creating the best and most modern atmosphere for learning.

**Introduction to Java:**

* In 1990, Sun Microsystems Inc. (US) was conceived a project to develop software for customer electronics devices that could be controlled by a remote. This project was called Stealth Project but later its name was changed to Green Project. In 1991, Bill Joy, James Gosling, and several others met in Aspen, Colorado to discuss this project. James Gosling was to identify the proper programming language for the project. Gosling thought C and C++ could be used to develop the project. But the problem they faced with them is that they were system dependent languages and hence could not be used on various processors, which the electronic devices might use. So started developing a new language, which was completely system independent. This language was initially called Oak. Since this name was registered by some other company, later it was changed to Java.

**Parts of Java:**

* Sun Microsystems Inc. has divided Java into 3 parts-Java SE, Java EE and Java ME.

**Java SE:**

* It is the Java Standard Edition that contains basic core Java classes. This edition is used to develop standard applets and applications.

**Java EE:**

* It is the Java Enterprise edition and it contains classes that are beyond Java SE. In fact, we need Java SE in order to use many of the classes in Java EE. Java EE mainly concentrates on providing business solutions on a network.

**Java ME:**

* It is the Java Micro Edition. Java ME is for developers who develop code for portable devices, such as a PDA or a cellular phone. Code on these devices needs to be small in size and should take less memory.

**Java Virtual machine:**

As we know that all programming language compilers convert the source code to machine code.Same job done by Java Compiler to run a Java program, but the difference is that Java compiler convert the source code into Intermediate code is called as bytecode. This machine is called the Java Virtual machine and it exits only inside the computer memory.

**Parking Management System**

**INTRODUCTION:**

The project entitled Car Parking system is to managethe car parking bay. This software help the company to track all thecars, car location, car in and car out details, apart from this it also helpin accounting. Using this software we can track total amount collectedfor each day.

**PROJECT:**

Automated Car Parking system is a software application softwareto track car bay vacant positions in the multistoried buildings.

Software have the provision to collect all the details of each car came to parking in time, out time, amount etc.

**OBJECTIVE:**

There are several advantages of employing a car park system forurban planners, business owners and vehicle drivers. They offerconvenience for vehicle users and efficient usage of space for urban!based companies. Automated car park systems save time, money,space and simplify the often tedious task of park

**SCOPE:**

Automatic multistoried car parking system helps to minimi"e thecar parking area.

In the modern world, where parking!space hasbecome a very big problem,

it has become very important to avoid thewastage of space in modern big companies and apartments etc.

In places where more than 100 cars need to be parked, this systemproves to be useful in reducing wastage of space. This Automatic CarParking system enables the parking of vehicles,

floor after floor and thus reducing the space used.

**Module:--**

1.Admin

2. User

1**. Admin:**

Can add/view/delete vehicle

Can logout

2. **User**

Can add/view vehicle

**HARDWARE REQUIREMENTS:**

* **Processor:** Intel dual core or above
* **Processor Speed:**1.0GHZ or above
* **RAM:** 1 GB RAM or above
* **Hard Disk:** 20 GB hard disk or above

**SOFTWARE REQUIREMENTS:**

* **Language:** Java Application
* **Database:** My SQL