**PROJECT SYNOPSIS**

On

**“Parking Management System”**

Six Months Industrial Training Report

At INWOWIZ, Chandigarh



<College logo>

**SUBMITED TO:- SUBMITTED BY:-**

<lecture name> <student name>

CLASS ROLLNO

<Branch>

**COMPANY PROFILE**

INFOWIZ is leading strategic IT Company offering integrated IT solution. INFOWIZ is having rich experience managing global clients across various business verticals and align IT strategies to achieve business goals. The various accreditations that we achieved for every service, we offer reflect our commitment towards the quality assurance.

**INFOWIZ** is a 8 yearsyoung organization which has won the **NATIONAL AWARD** for **2 consecutive years 2014-2015 & 2015-16** for **BEST Industrial Training** from **Hon` able** **GOVERNER of Punjab & Haryana Sh. Kaptan Singh Solanki.** He is also the **Chancellor of PTU & Punjabi University**. INFOWIZ is a member of Confederation of Indian Industry ( **CII membership number – N4654P** ) & also withan **ISO Certification**. We have a global foot prints in providing the off shore companies of US, UK, France, Ireland, Canada and Australia with quality and timely Web and SEO services.

INFOWIZ is an organization which is established in the field of Web Development (PHP & .NET), JAVA (Core as well as Advance), I-phone & Android Applications, Embedded systems (AVR, PIC & ARM),Automation, ROBOTICS, Networking (MCSE, CCNA & RHSE) & in Mechanical.

Our skilled team of professionals make sure that the product is developed as per the customer’s needs and keeping the customer informed about the development of their project from time to time. We do not only emphasize on formulating an attractive solution to our clients but also believe in providing a workable solution. INFOWIZ offers research based Search Engine Marketing products that help achieve greater insights to customer’s online business. Our Research & Development arm offers SEO tools for SEM professionals.

INFOWIZ also provides **Technical Support & Consultancy** to Software Companies like JIA Group, Newzealand, Sagitech solutions Panchkula, Jarc infotech Mohali, Infonet Solution, Delhi etc.

**Our Hottest Clients & Projects:-**

**PROJECTS URL’s COUNTRY**

1. Viva Sales www.[**infowiz.in/vivasales**](http://infowiz.in/vivasales) UK
2. Mds Creative www.mdscreative.com Germany
3. Liddle TV www.filmon.com UK
4. Paradigms( Android) running Australia
5. Printcost www.popgraphics.net UK
6. PSTDO Bootstrap www.bootstrap.achieversperfect.com USA
7. Essencesoftwares www.essencesoftwares.com Australia
8. Dashboard(Wordpress) running USA

9) Realstate www.realestate.infowiz.in Russia

10) Dealpartners(WordPress) www.dealpartners.co.uk.gridhosted.co.uk UK

11) Littletonvineyard www.littletonvineyard.net USA  
 12) Gpakoffshore www.gpakoffshore.com UK

**OUR TEAM:-**

**“A Ship is as good as the crew who sail her**.**”**

Our Technical team of professionals handing, designing & delivering of projects has a strong presence in the North India & the US. Our engineers are already working on the latest technologies like **I-Phone & Android** Applications, **Robotics**, **VLSI-VHDL**, Embedded System, Networking and **Cloud computing.**

1) Dr. Seema

(**Managing Director**)

She is the backbone of INFOWIZ and a woman with more than 9 year rich practical experience

who believes in taking up new ventures and projects.

2) Mr. Rajeev Nayyar

(**Deputy Director**)

A man who strongly feel that “Nothing is Impossible”. A very committed team leader who has

been professionally attached with Multinational companies for more than 18 years and has lead

the marketing teams in all states of North India.

3) Mr. Deepak Kasyap

**(Branch Manager)**

A man who believes that “Honour Time & Place, then you will be honoured.” he has more

than 4 years solid industrial experience in a software companies & is very dashing and innovative

in his technical approach.

4) Ms. Urvashi

**(Dean Academics)**

A woman who believes that “Challenges are what make life interesting and overcoming them is

what makes life meaningful.” She has more than 3years experience in business development.

5) Ms. Amita

**(Manager)**

A woman believes that “don’t wait for extra ordinary opportunities, seize common occasions and

make them great.” She has more than 4 years experience in marketing field.

6) Er. Vishal Goyal

(**Head & Technical Advisor at US Branch**)

More than 10 years industrial experience in US and smooth handling of the entire US business.

7) Er. Yukti Jindal

(**Center Head- US Branch**)

A woman who firmly believes that “In life, where you reach largely depends upon where you

start.” She joined this branch in the year 2007 and has given her immense inputs in bringing the

company to its present status.

**COURSES Offered :-**

**For CSE/IT/MCA Professionals:-**

1. Web Development in PHP with LIVE Projects
2. Web Development in .NET with LIVE Projects
3. JAVA (Core as well as Advance ) with LIVE Projects
4. Android Applications with LIVE Projects
5. Web Designing (Photoshop, Coral Draw)
6. C#, Console Applications, VB.NET, ASP.NET
7. MySQL, SQL, ORACLE
8. Networking (MCSE, CCNA, RHSE)
9. SEO (Search Engine Optimization)

**For ECE/EE/EIE/ME/CIVIL Professionals:-**

1. Robotics With Live Project
2. VLSI-VHDL with Live Project
3. Embedded System Design with Live Project
4. Microcontroller with Live Project
5. Microprocessor with Live Project
6. PCB Designing
7. AVR & PIC Family
8. PCB and layout designing
9. AUTOMATION with Live Project
10. Project development with ARM processors
11. CATIA, PRO-E, AUTOCAD, SOLID WORKS.

Our core strength is our timely, technically and cost effective project delivery. We also provide customers with designs as per their demands. INFOWIZ also provide **JOB Oriented Industrial Training of 1 year and 6/4/2 Months** in CSE, IT, ECE, EE, ME, Civil, BBA,BCA,MBA, MCA & also for Non-technical students . We help students in building their career.

**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 Automated 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