**Project Synopsis**

CRIME   
MANAGEMENT

Submitted for partial fulfillment of award of

### Bachelor of Technology in Information Technology

**Introduction to Java**

Java is the purely object-oriented language that is receiving wide attention from both industry and academia. Java was developed by James Gosling and his team at Sun Microsystems in California. The language was based on C and C++ and was originated intended for writing programs that control consumer appliances. The language was the first called Oak, named after the oak tree outside of Gosling’s office, but the name was already taken, so the team renamed it Java.

Basically java is divided into 3 editions as

* Core java (J2SE = Java 2 Standard Edition)
* Micro java (J2ME = Java 2 Micro Edition)
* Advance java (J2EE = Java 2 Enterprise Edition)

**Features of OOPS-**

* Emphasis is on data rather than procedure.
* Programs are divided into parts what are known as objects data structures are designed such that they characterize the objects.
* Methods that operate on the data of an object are tied together in the data structures.
* Data is hidden and cannot be accessed by external functions.
* Objects may communicate with each other through methods.
* New data and methods can be easily added whenever necessary.
* Follows bottom-up approach in program design.

**JAVA includes**

* Class
* Object
* Inheritance
* Abstraction
* Encapsulation
* Polymorphism
* Abstract Classes
* Interfaces
* Packages

**Java Environment**

Java environment includes a large number of development tools and hundreds of classes and methods. The development tolls are part of the system known as Java Development Kit (JDK).

* Applet viewer( for viewing Java applets)
* Javac (Java complier)
* Java( Java interpreter)
* Javap ( Java dissembler)
* Javah(for C header files)
* Javadoc(for creating HTML documents)
* Jdb(java debugger)

**Java Program Structure**

|  |
| --- |
| Documentation Section |
| Package Statement |
| Import Statements |
| Interface Statements |
| Class Definitions |
| Main Method Class  {  Main Method Definition  } |

**Introduction about the project**

The project titled as “Online Crimefile Management “is a web based application. This software provides facility for reporting online crimes, complaints, missing persons, show mostwanted person details . Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability.The main modules in this project

**Modules**

* Visitors
* Registered Users
* Administrator

**The visitor module include,**

* View Hotnews: This module help the visitor to see the latest hotnews which can updated by the admin.

**The registered user module includes,**

* Add Complaint: This module help the user to report online complaints.
* Add Crime report: This module help the user to report online crimes.
* Add Missing person: This module help the user to report online missing persons details also we have to add photos of missing person using hetrogenious database.
* View Missing persons: This module help the user to view all the missing person details.
* View Mostwanted persons: This module help the user to view all mostwanted persons which can be given by the administrator.
* Edit Complaint: This module help the user to edit his complaint details.
* Edit Account: This module help the user to update his or her profile.
* View complaint status: This module allows us to view the status of all complaint that you have posted earlier.
* View crime status: This module allows us to view the status of the all crimes that you have posted earlier.
* Add and View feedback: This module helps the user to add and view feedbacks

**The administrator module includes,**

* View and reply user complaint: This module helps the admin to view and reply user’s complaint details
* View and reply user crimes: This module helps the admin to view and reply user’s crimes details
* New admin: This module used for add new admin
* Add and delete latest hotnews: This module helps the admin to add and delete latest hotnews.
* View and delete user’s feedback: This module helps the admin to add and delete user’s feedback
* Add, delete and view mostwanted persons: This module helps the admin to add, delete and view mostwanted person details
* Add, delete and view missing persons: This module helps the admin to add, delete and view missing person details
* Add and view Criminal registeration: This module helps the admin to add and view criminal registrations
* Add and view FIR: This module helps the admin to add and view Fir reports
* Add and view history sheet: This module helps the admin to add and view history reports
* View and delete all complaint reply: This module helps the admin to view and delete complaint reply.
* Add and view prisoner report: This module helps the amin to add and prisoner reports
* Change password: This module helps the admin to update his or her password

Technologies Used:

* JAVA
* JDBC
* MySQL
* JSP
* SERVLETS
* STRUTS FRAMEWORK

**Data Flow Diagram**

**Context flow diagram**

User

Administrator

UserID, Complaints

Complaint Management

Solutions, Feedback

**DFD- Administrator**

View user details

User name, Password

Registration details

Complaints

Feedback

Add Solutions

FIR

Mortem Details

View Reports

Add Reports

FIR No: Details

FIR Details

Complaint Details

Complaints

FIR

Mortem details

Reports

User

Mortem Details

DFD USER.

Verify Add FIR Reports

ComplaintsAdd mortem analysis

Username/Password View Complaints

View Feedback

RegistrationAdministrator

User

Login

Complaints

Username/Password

UserAdministrator

**5. Software and Hardware Specifications**

**5.1 Hardware Specification**

Processor : Pentium IV

RAM : 128 MB

Hard disk : 20 GB

FDD : 1.44MB

Monitor : 14 inch

Mouse : 3 Button scroll

CD Drive : 52 X

Keyboard : 108 keys

**5.2 Software Specification**

Operating System : Windows 2000/xp/2007

Languages : java 2(EJB2.0, JDBC, JSP, Servlet, Java Mail)

Front End : HTML, JavaScript

Platform : J2EE

Web Servers : Web Logic8.1/Tomcat 5.0

Backend : My SQL