# USER’S GUIDE

## Hardware & Software Requirements:

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| Hardware | Requirement |
| Processor | Intel core 2 duo/ AMD Athlon |
| Memory | 1 GB |
| Modem | Min 52 Kbps network connection |
| Hard disk Space | At least 10 GB free hard disk for different software components. |

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| Software | Requirements |
| Oracle | 10G or latest |
| Java | 7 or latest |
| Apache Tomcat | 6.0 or latest |
| Browser | IE7or later |

# Getting Started

To run this project you have to install the following things:

1. Java 1.7
2. Oracle 10g
3. Apache tomcat 6.0.28 server

Then you have to set the path in the environment variable. There you create a new system variable named as CLASSPATH and in the value field first put .; then put the path of java as given below:

C:\Program Files\Java\jdk1.6.0\bin;

C:\Program Files\Java\jdk1.6.0\lib;

Each value should be separated by ;(semicolon)

Then you set the path of oracle as given below:

C:\oracle\product\10.2.0\db\_1\BIN;

C:\oracle\product\10.2.0\db\_1\jre\1.4.2\bin\client;

C:\oracle\product\10.2.0\db\_1\jre\1.4.2\bin;

Then you set the path of Apache tomcat as given below:

C:\Program Files\Apache Software Foundation\Tomcat 6.0\lib\servlet-api.jar;

C:\Program Files\Apache Software Foundation\Tomcat 6.0\lib\jsp-api.jar;

Finally your CLASSPATH variable will contain the value as shown below:

.;C:\Program Files\Java\jdk1.6.0\bin; C:\Program Files\Java\jdk1.6.0\lib;C:\Program Files\Apache Software Foundation\Tomcat 6.0\lib\servlet-api.jar;C:\Program Files\Apache Software Foundation\Tomcat 6.0\lib\jspapi.jar;C:\oracle\product\10.2.0\db\_1\BIN;C:\oracle\product\10.2.0\db\_1\jre\1.4.2\bin\client;C:\oracle\product\10.2.0\db\_1\jre\1.4.2\bin

Steps to run the project using oracle:

For Executing The Application We Follow The Following steps

Step1-->Creating new User account in sql

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Login into oracle through system user. then create a user for your project by using the following command.

>create user username identified by password;

o/p: user created

Note:username--related to ur projectname.(this username is used in System.properties file )

>Grant dba to username;

o/p: grant succeeded

>conn username/password; (it connects to the above created user)

Step2:-->importing the dump file

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Note: copy the dump file present in the database folder whose extension is .dmp and paste it on the desktop .

goto-> Start--->run-->in run type "imp", select ok.

here data base import command prompt is displayed;

In that give your username/password

next give the path of the dump file by the following way:

drag the dump file from the desktop and drop on the console. It contains double quotes.Just romove that.

next press enter

its asking (yes/no) for that select 'n'--->press enter

next 'y' --->press enter

next 'y' --->press enter

next 'y' --->press enter

next 'y' --->press enter

after that we are getting our tables and data including tables in our sql account

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Step3:change the system.properties file in ur code

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Go through the following way:

mainfolder->defect tracking\Executable\DefectTrackingSystem

copy the DefectTrackingSystem folder in ur project and paste in Tomcat5.0\Webapps\(paste here)

change the properties file by going through the following path in the webapps folder:

DefectTrackingSystem\WEB-INF\config ->System.properties file

Open the file through editplus or through notepad.

in that file write the following things:

# Sample ResourceBundle properties file

JNDI\_NAME=java:com/env/Oracle/jndi

db.login=

db.password=

driver=oracle.jdbc.driver.OracleDriver

url=jdbc:oracle:thin:@[ursystemHostName]:1521:[database\_serviceName]

duser=username

dpass=password

logfile=C:/log/BTISQR\_log.txt

dbname=oracle

[ note: for the url, to get ur system host name and service name refer the file tnsnames.ora in ur oracle folders. Search the file tnsnames.ora in ur installation folder of oracle]

Provide the user name and password i.e created in sql

step4:deploying the project

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step 5:Run the tocat server

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Go to tomcat-->bin-->startup(double click on start up)

Now we get server running mode.

step 6:

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->open the browser

and give the following path in address bar.

http:// ursystemHostName:8081/projectname(ie the folder name present in webapps of tomcat)

8081--is the tomcat port no.(provide your tomcat port no what you have given at the time of installation)

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To get the login id and password, go to the sql prompt

write the command

select \* from tab;

It shows all the tables of your project

one of the table contains the login details(here the table name is LOGINDETAILS)

Write the command

select \* from LOGINDETAILS;

it shows the loginid and password

follow that to access the project.