**Nxtra Data Limited (IBM + Airtel)**

**WAS Team - Middleware Data**

Day 1 (24.05.2016) : Softwares being used in the Data Center :

1) IBM Websphere – Installation Problems. Solved it. Install using the Installation Manager agent.installer.linux.gtk.x86\_1.6.2000.20130301\_2248 file given in the repository.

2) Oracle Weblogic – Installed using the wls1036\_generic.jar software which is availabe in the repository. After the free download, just install it using the ./install command on the command terminal.

Day 2 (25.05.2016) :

1) All application servers maintains the data in a generalised form, so that anybody can use your code anywhere. For example, if you code in Java programming language, the deployment of the code will take place in the application server.

Day 3 (26.05.2016) :

1) Installed the Weblogic Software and Created the domain and given the tutorial links to create servers and stuff. The basic stuff but a major step in my intern.

Day 4 (27.05.2016) :

1) Installed the Oracle Database 11g and SQLDeveloper and Eclipse for deployment of the softwares using WebLogic.

2) Depoloyed the Shopping Cart application.

Day 5 (30.05.2016) :

1) Managing the sessions.

2) Depolying applications using command terminal.

Day 6 (31.05.2016) :

1) Developing the code in Netbeans 8.1

2) Sample Applications such as making a HTML page and the JAVA classes.

3) Deployed lots of applications such as HelloWorld, Benfits, Calendar and Calculator.

Day 7 (01.06.2016) :

1) Created the Data Source and connected the database to the Oracle Weblogic

Day 8 (02.06.2016) :

1) Executed the Database and taking data from the database and deployed on the server.

Day 9 (03.06.2016) :

1) Created multiple servers and clusters in Weblogic server.

Day 10 (06.06.2016)

1) Put the weblogic module inside the Apache server and redirected the depoloyments to the apache web server. Implemented the load balancing.

2) Worked on WLST to deploy application through python scripts.

Day 11 (07.06.2016)

1) JMS Client Queue Send and Receive.

2) Installed Jdeveloper.

Day 12 (08.06.2016)

1) JMS Client Topic Send and Receive.

2) Non-Durable Subscribers and Durable Subscribers in JMS Topic.

3) JMS Priority – FIFO (First In and First Out) and LIFO (Last In and First Out).

Day 13 (09.06.2016)

1) Chat Application in Weblogic using websockets – EchoEndPoint – deployed and ran through ant.

2) Created clusters and other services through python scripts in the WLST.

3) SQL Developer – executing SQL scripts

Day 14 (10.06.2016)

1) Chat Server Application and deploying it.

Day 15 (13.06.2016)

1) Chat application on console and on single web page.

Day 16 (14.06.2016)

1) GUI Chat Application on weblogic server.

Day 17 (15.06.2016)

1) Anonymous Chat server where no username and only room.

2) On submitting the message, the random ID is getting generated.

Day 18 (16.06.2016)

1) Anonymous Chat Server now on every refresh is generating a unique ID.

2) Seeing to libraries in adding of chatbots and emojis.

Day 19 (17.06.2016)

1) Working on regular expressions in chatbot in javascript and HTML.

2) Working on the CSS styling of chatbot.

Day 20 (20.06.2016)

1) Successfully integrated the chatbot in the anonymous chat application.

2) Added the emojis library to the integrated chatbot.

Day 21 (21.06.2016)

1) Still the problem of adding a smiley which was coming in a UNICODE form. Solve it later.

2) Started to make a .jar file for easy accessibility of the site.

Day 22 (22.06.2016)

1) Completed the .jar file.

2) Started to add more functionalities in chatbot.

Day 23 (23.06.2016)

1) Working on the front-end of the application with ruby engine.

Day 24 (24.06.2016)

1) Successfully designed the front-end of the chatbot.

Day 25 (27.06.2016)

1) Integrated the front-end of the application with the minimal functionalities chatbot.

Day 26 (28.06.2016)

1) Improving the chatbot with adding more features.

Day 27 (29.06.2016)

1) Added the feature where the chatbot learns from itself.

Day 28 (30.06.2016)

1) Trying to integrate the front end with the added features chatbot.

Day 29 (01.07.2016)

1) Successfully integrated the chatbot with the front-end.

2) Trying to store the messages in a database in the chatbot.

Day 30 (08.07.2016)