Assignment B1

Title: study of open source Nosel database Mongo DB CInstallation, Bosic (RUD operation execution).

Problem Statement:

Implement, database with suitable example using monga DB & implement study of open source No ser database: Mongo DB (Installation , Bosic eRUD operat).

objective in . Understand concept of Nosal DB · Understand concept of mongo PB with CRUD operation.

understand the basic installation & admin strative commands of mongoDB.

5/W & H/W. 1- Mongo DB, Fedora Os

Outcome: - Implement the commands Implement the database in mongoob.

Theory :

MongoDB Rs an open-source docu-- ment database that provides high availability, & automatic scaling

Document database

A record for manga DB is a

document which is a data structure

compared of field & value points.

Monga DB documents one similar to

TSON objects. The values of fields may

include other documents arrays &

arrays of documents

e.g. & name: "Sue",
age 126,

Status: "A",

groups: ["news", "sports"]

create operation

documents to a collection. If the collection does not currently exist, Posest operations on s will create the collection.

MangaDB provides the following methods to prosent documents porto a collection.

· db collection insertance()

In mongo DB, insert operations target a single collection. All write aperations in mongo DB are atomic on the level of single document collection.

collection is a group of Mongo DB document. It is equivalent of an RDBMS table. A collection exists within single database. collection do not enforce a schema documents within a collection can have different fields in a collection are of single related purpose.

Document - A abcument is set of ley value paix document have dynain Schema. Dynamic schema means that documents in the same collection do not need to have same set of fields.

Success fully emplemented success fully emplemented mongo DB to CRUD operations & installation of mongo DB on system.