

> db.createCollection("Employee");

Emp-SSN → string

Emp-name → string

Emp-address → string

Emp-salary → integer.

Emp-DOB → date

Emp-dependancy → array

Emp-experience → integer

> db.createCollection("Department");

D-id → string

D-name → string

D-manager → string

> db.createCollection("Project");

P-id → string

P-name → string

P-start-date → date

P-end-date → date

Employee works on p-id with the array concept

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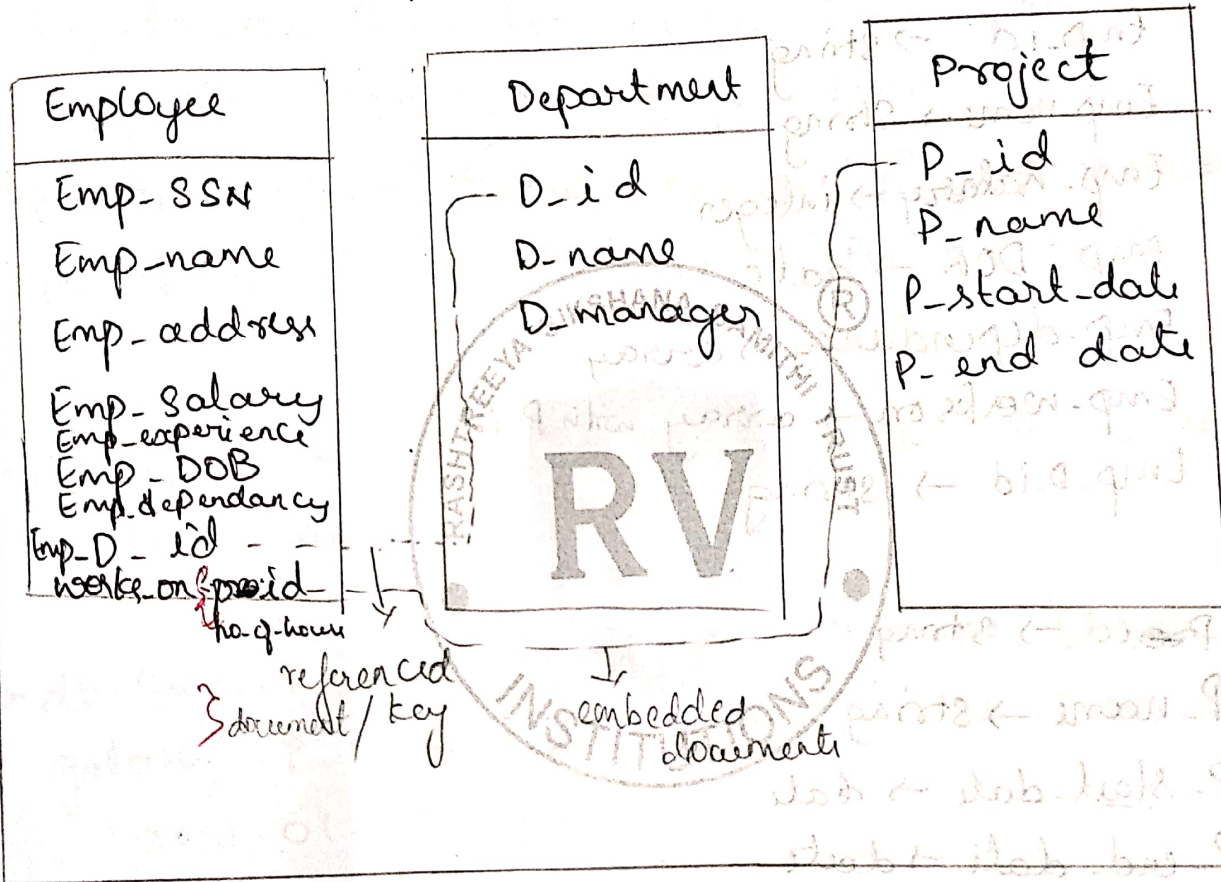
OBSERVATION / DATA SHEET

Date 22-09-22 Name Harshitha D.S

Dept./Lab DBS lab Class MCA Dec Expt./No. 04

Title Mongodb program of employee database.

Employee-database



To find embedded / referenced documents

* identify the cardinality

* Employee document has a refer of department id.

Signature of
Teacher incharge

*Employee and project id have few to few cardinality

*Project and Employee has one to many so we use Department id in the project

After embedding & reference the collection & key of will be

Emp-id \rightarrow string

Emp-name \rightarrow string

Emp-Salary \rightarrow integer

Emp-DOB \rightarrow date

Emp-dependancy \rightarrow array

Emp-works on \rightarrow array with P-id

Emp-D-id \rightarrow string

P-id \rightarrow string

P-name \rightarrow string

P-start-date \rightarrow date

P-end-date \rightarrow date

db Employee, insert ({ Emp-SSN: 'E01', Emp-Name:

Emp-Address: 'Bargaila', Emp-Salary: 60000, Emp-DOB: '1978-04-01', Emp-dependancy: [{ name: 'Girija', Emp-SSN: 'E02', Emp-Experience: '04', Emp-Dep-id: 'P01' }], Emp-works on: [{ P-id: 'P01', Emp-SSN: 'E01' }] }