PUNE VIDYARTHI GRIHA'S
COLLEGE OF ENGINEERING & TECHNOLOGY, PUNE-9
Department of Infromation Technology

Assignment No:-2 (Aggregation & Indexes)

Assignment Submission Date:

Subject: LP – I(ADBMS)

Student Name:-

Problem Statement

Implement aggregation with customer collection using MongoDB. Customer collection consist of following data

> db.customer.find();

{ "_id" : ObjectId("54265694517b30434f6a2bdc"), "custID" : "A123", "Amount" : 500, "status" : "A" }

{ "_id" : ObjectId("542656eb517b30434f6a2bdd"), "custID" : "A123", "Amount" : 250, "status" : "A" }

{ "_id" : ObjectId("54265726517b30434f6a2bde"), "custID" : "B212", "Amount" : 200, "status" : "A" }

{ "_id" : ObjectId("54265757517b30434f6a2bdf"), "custID" : "A123", "Amount" : 300, "status" : "D" }

Execute following queries on employee collection.

PART-A

a) Find the total amount of each customer.

b) Find the total amount of each customer whose status is A.

c) Find the minimum total amount of each customer whose Status is A.

d) Find the maximum total amount of each customer whose Status is A.

e) Find the average total amount of each customer whose Status is A.

PART-B

f) Create index on custID.

g) Execute getIndexes.

h) Drop the index created.