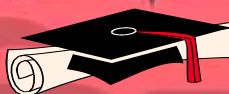**Web Appllication Development**

Practical Paper 02

- [Curriculum Code: 6629]
- [Semester: 3]
- [Duration: 1h40]
- [Total Marks: 20]

[Do not write on this question paper and return it to the Invigilator after the examination]

Total Marks	**[20.0]**

Requirements

1. Create ASP.NET MVC 5 Web Application (1 marks)

2. Using Entity Framwork (Code First Approach) for create database with two tables (2 marks):

    -   CustomerType (**TypeId**, TypeName)

    -   Customer(**Id**, FullName, Address, Phone,Gender , TypeId)

3. Insert a few records into CustomerType, Customer tables (2 marks).

4. Create controller "CustomerController" with two actions

    -   "Index" Action for filter customer. If user not select **Type** then display all data of customer else filter by "type of customer" and display to view as Figure below (9 marks):

Student information

Student Code: ....
Full name: ....
Exam No: ....

Filter customer

Type ---Select customer type--- ⌄   Submit   New customer

#	Id	FullName	Address	Gender	Type
1	C0001	Tran Tieu Vy	Q1-TPHCM	Female	Vip
2	C0002	Truong Manh Hung	Dong Da-Ha Noi	Male	Normal

- "Create" Action for add customer, validate all fields not empty, Customer Id must unique (6 marks).

Add customer

Customer Id

[   ]

Full name

[   ]

Address

[   ]

Phone

[   ]

Type Customer

[Vip   ⌄]

☐ Male

[**Save**]

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5. Fill Information of Student on View "index.cshtml" of CustomerController as Figure above (if not fill then **zero marks**).

Note: if the student uses the visual studio scaffolding features that generate **redundant** actions and views then **zero marks**.