Answers:

Q1.

create procedure Get\_ALL\_For\_Category

@category\_id int

as

begin

select Product\_name,b.category\_\_Name ProductName from [dbo].[Product\_table] a left join

Category\_table b on a.Category\_Id=b.ID

where a.Category\_Id in (select a.ID from Category\_table a left join

Category\_table b on a.Parent\_id=b.ID

where a.Parent\_id=@category\_id or a.ID=@category\_id)

end

ALTER procedure [dbo].[Get\_mainCategory]

as

begin

select Product\_name,b.category\_\_Name ProductName from [dbo].[Product\_table] a right join

Category\_table b on a.Category\_Id=b.ID

left join Category\_table c on c.ID=b.Parent\_id

where b.Parent\_id is null

end

database attached

Q2. API Changes

Price in dollar will keep a default value 0

Only changes will happened to object class

Where a default value of 0 will be set to price and it will make as optional so if any customer don’t wanted to use the new change thay can ignore it.

Q3.

https://github.com/DonaKurian/WebApplication1