Implement an ASP.NET Web API, which will GET and Upsert Locations and Chargepoints. Use MS SQL DB

It needs to implement the following requests:

- POST Location (api/locations)– accepts a **LocationRequestModel**. Creates a new **Location**
- PATCH Location (api/locations/{locationId})– accepts a **PatchLocationRequestModel** and updates existing Location. Updates only the passed fields.
- GET Location (api/locations/{locationId}) – get the full Location by LocationId
- PUT Chargepoints (api/locations/{locationId}) – accepts **ChargePointRequestModel**. Upserts the given **Chargepoints**. Remark: The chargepoints, which miss in the request and appear in the DB should be set with Status = Removed

Location model:

Property	Type	Required	Description
LocationId	string(39)	Yes	Uniquely identifies the location. This field can never be changed, modified or renamed.
Type	string(45)	Yes	Parking, Airport, OnStreet, Unknown
Name	string(255)	No	Display name of the location.
Address	string(45)	Yes	Street/block name and house number if available.
City	string(45)	Yes	City or town.
PostalCode	string(10)	Yes	Postal code of the location.
Country	string(45)	Yes	Country
ChargePoints	ChargePoint model	No	List of ChargePoints that belong to this Location.
LastUpdated	DateTime	Yes	Last updated

ChargePoint model:

Property	Type	Required	Description

ChargePointId	string(39)	Yes	Uniquely identifies the ChargePoint. This field can never be changed, modified or renamed.
Status	string(39)	Yes	Available, Blocked, Charging, Removed, Reserved, Unknown
FloorLevel	string(4)	No	Level on which the charging station is located.
LastUpdated	DateTime	Yes	Last updated

LocationRequestModel

Property	Type	Required	Description
LocationId	string(39)	Yes	Uniquely identifies the location. This field can never be changed, modified or renamed.
Type	string(45)	Yes	Parking, Airport, OnStreet, Unknown
Name	string(255)	No	Display name of the location.
Address	string(45)	Yes	Street/block name and house number if available.
City	string(45)	Yes	City or town.
PostalCode	string(10)	Yes	Postal code of the location.
Country	string(45)	Yes	Country
LastUpdated	DateTime	Yes	Last updated

PatchLocationRequestModel

Property	Type	Required	Description
LocationId	string(39)	Yes	Uniquely identifies the location. This field can never be changed, modified or renamed.

Type	string(45)	No	Parking, Airport, OnStreet, Unknown
Name	string(255)	No	Display name of the location.
Address	string(45)	No	Street/block name and house number if available.
City	string(45)	No	City or town.
PostalCode	string(10)	No	Postal code of the location.
Country	string(45)	No	Country
LastUpdated	DateTime	No	Last updated

ChargePointRequestModel model:

Property	Type	Required	Description
LocationId	string(39)	Yes	Uniquely identifies the ChargePoint. This field can never be changed, modified or renamed.
ChargePoints	List<ChargePoint>	No	List of ChargePoint model that belong to this Location.