**database structure**

incidents -> accounts -> contacts  
incident -> account, 1=>M,  
account -> contact , 1=> M.

Incident, incident name - primary key, autogenerated, string  
Account, Name - > unique string field

**Functionality**

create web api, asp core, ef code first (edited)

Introduce the API to create the following records: contacts, accounts, incidents (edited)

account cannot be created without contact

incident cannot be created without account

logic for incident creation method

**Request example**

request body  
{   
account name,  
contact first name,  
contact last name,  
contact email, // unique identifier,  
incident description,  
}

**Validation**

if account name is not in the system -> API must return 404 – NotFound  
if contact is in the system (check by email) -> update contact record, link contact to account if it has not been linked prevoisly.  
Otherwise,

* create new contact with **first name**, **last name**, **email** and
* link just created contact to the account
* create new incident, for account and populate incident description field