As you said that a product can have 100 – 500 specification, I thought that creating a table with 500 columns will not be a good idea. So, I decided to create a table that contains EAN, Material Number and another column called Specifications that saves all the specifications in JSON format. This is a better and faster way to save that much information for an entity.

Also, to make the information dynamic, I created 2 table to save the product languages and specifications. Then I will create the form in the website with this information. For example, I can save as many languages as I want “English”, “Spanish”, “German” etc. Also, I can save as many specifications as I want “Width”, “Height” etc. So, everything is dynamic.

The JSON for saving the products specification values has this format:

|  |
| --- |
| [  {  "specificationName": "Height",  "languages": [  {  "languageName": "English",  "value": "40"  },  {  "languageName": "French",  "value": "2"  },  {  "languageName": "Spanish",  "value": "67"  },  {  "languageName": "German",  "value": "13"  },  {  "languageName": "Japanese",  "value": "85"  },  {  "languageName": "Chinese",  "value": "64"  },  {  "languageName": "Punjabi",  "value": "37"  }  ]  },  {  "specificationName": "Width",  "languages": [  {  "languageName": "English",  "value": "15"  },  {  "languageName": "French",  "value": "50"  },  {  "languageName": "Spanish",  "value": "68"  },  {  "languageName": "German",  "value": "38"  },  {  "languageName": "Japanese",  "value": "85"  },  {  "languageName": "Chinese",  "value": "41"  },  {  "languageName": "Punjabi",  "value": "35"  }  ]  }  ] |