**MongoDB Naming Conventions:**

Database name:

* lowerCamelCase
* append DB on the end of name e.g. myNewDB
* make singular (collections are plural)

Collection names:

* lowercase names
* plural e.g. employees
* use ‘\_ ‘ as separator e.g. purchase\_orders
* dot notation for higher detail collections e.g. student.pageaccessed

Field names:

* + lowerCamelCase e.g. lastName
  + field name cannot starts with dollar $ character
  + Must not have a space between words.

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| --- | --- |
| **Relational database concepts** | **MongoDB concepts** |
| Database | Database |
| Table | Collection |
| Row | Document or BSON document |
| Column | Field |
| Relationships | Linking and Embedding Documents |
| index | index |
| Table joins | $lookup, embedded document |
| Primary key (PK) | Primary key (PK) |
| In SQL, specify any unique column or column combination as the PK | In MongoDB, no need to set the primary key. The id\_field is automatically set to the primary key |
| aggregation | Aggregation pipeline |
| MERGE INTO TABLE | $merge |
| transactions | transactions |

NPM’s Package.json contents:

<https://docs.npmjs.com/cli/v8/configuring-npm/package-json>

The structure of the REST API project.

* Include index.js as the initial script.
* The database model structure must be located in the model folder.
* The API routes must be located in the routes folder.