Module 4 Assignment – Setting up MongoDB in Cloud

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IFT 598: Middleware Programming & Database Security

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**Schema definition and datatypes for mongoDB**

Mongoose schemas are model configuration objects. Models, not schemas, are what make it possible to read and write data from MongoDB. Each schema specified in a JavaScript file corresponds to a collection in MongoDB and specifies the format of the collection's documents.

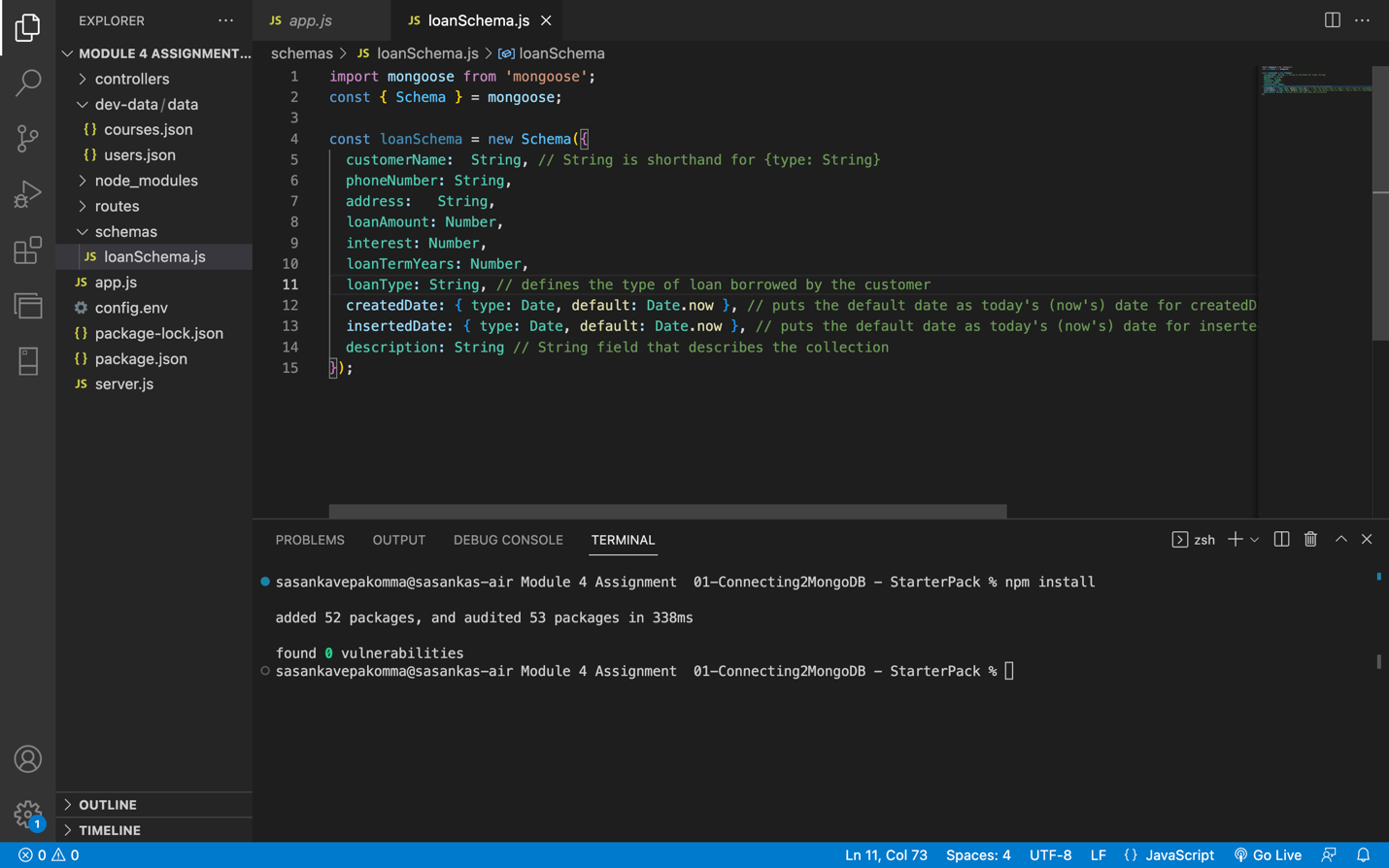
A schema helps state the properties for the documents to be inserted to the MongoDB database and define custom validations.

A Mongoose schema oversees specifying a document's structure, selecting default values, validators, etc., whereas a Mongoose model oversees specifying an interface to the database.

Some of the data types supported in MongoDB are:

* String
* Integer
* Boolean
* Double
* Min/ Max keys
* Arrays
* Timestamp
* Object
* Null
* Symbol
* Date
* Object ID
* Binary data
* Code
* Regular expression

**loanSchema.js screenshot**

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**Inserting the documents and query results screenshots**

Graphical user interface, application

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**Github link**

<https://github.com/vsasanka/IFT598MiddlewareProg-DBSecurity/tree/main/Module%204%20Assignment%20%2001-Connecting2MongoDB%20-%20StarterPack>