MongoDB and Mongoose with Next.js

This example shows how you can use a MongoDB database to support your Next.js application.

Pet is an application that allows users to add their pets' information (e.g., name, owner's name, diet, age, dislikes, likes, and photo). They can also delete it or edit it anytime.

Deploy your own

Once you have access to [the environment variables you'll need](#), deploy the example using [Vercel](#):

▲ | Deploy

How to use

Execute [`create-next-app`](#) with [npm](#) or [Yarn](#) to bootstrap the example:

```
npx create-next-app --example with-mongodb-mongoose with-mongodb-mongoose-app
# or
yarn create next-app --example with-mongodb-mongoose with-mongodb-mongoose-app
# or
pnpm create next-app -- --example with-mongodb-mongoose with-mongodb-mongoose-app
```

Configuration

Step 1. Get the connection string of your MongoDB server

In the case of MongoDB Atlas, it should be a string like this:

```
mongodb+srv://<username>:<password>@my-project-abc123.mongodb.net/test?
retryWrites=true&w=majority
```

For more details, follow this [MongoDB Guide](#) on how to connect to MongoDB.

Step 2. Set up environment variables

Copy the `.env.local.example` file in this directory to `.env.local` (which will be ignored by Git):

```
cp .env.local.example .env.local
```

Then set each variable on `.env.local`:

- `MONGODB_URI` should be the MongoDB connection string you got from step 1.

Step 3. Run Next.js in development mode

```
npm install
npm run dev
```

```
# or

yarn install
yarn dev
```

Your app should be up and running on http://localhost:3000! If it doesn't work, post on GitHub discussions.

Deploy on Vercel

You can deploy this app to the cloud with Vercel (Documentation).

Deploy Your Local Project

To deploy your local project to Vercel, push it to GitHub/GitLab/Bitbucket and import to Vercel.

Important: When you import your project on Vercel, make sure to click on **Environment Variables** and set them to match your `.env.local` file.

Deploy from Our Template

Alternatively, you can deploy using our template by clicking on the Deploy button below.

▲ **Deploy**