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const express = require('express');
const mongoose = require('mongoose');
const bodyParser = require('body-parser');
const path = require('path');

const app = express();
const PORT = process.env.PORT || 3000;
const MONGODB_URI = 'mongodb://localhost:27017/recipeDB';

mongoose.connect(MONGODB_URI, {
  useNewUrlParser: true,
  useUnifiedTopology: true,
  useCreateIndex: true,
});
const db = mongoose.connection;
db.on('error', console.error.bind(console, 'MongoDB connection error:'));
db.once('open', () => {
  console.log('Connected to MongoDB');
});

app.use(bodyParser.urlencoded({ extended: true }));
app.use(express.static(path.join(__dirname, 'public')));

const recipeSchema = new mongoose.Schema({
  title: String,
  description: String,
  ingredients: String,
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    instructions: String,
    imageUrl: String,
  });

const Recipe = mongoose.model('Recipe', recipeSchema);

app.post('/submit_recipe', (req, res) => {
  const { recipeTitle, recipeDescription, recipeIngredients, recipeInstructions } = req.body;

  const newRecipe = new Recipe({
    title: recipeTitle,
    description: recipeDescription,
    ingredients: recipeIngredients,
    instructions: recipeInstructions,
    imageUrl: ""
  });

  newRecipe.save()
    .then(() => {
      console.log('Recipe saved successfully');
      res.redirect('/submit_recipe.html');
    })
    .catch(err => {
      console.error('Error saving recipe:', err);
      res.status(500).send('Error saving recipe');
    });
});
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app.get('/discover_recipes', (req, res) => {  
  Recipe.find({})  
    .then(recipes => {  
      res.send(recipes);  
    })  
    .catch(err => {  
      console.error('Error fetching recipes:', err);  
      res.status(500).send('Error fetching recipes');  
    });  
});
```

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app.listen(PORT, () => {  
  console.log(`Server is running on http://localhost:${PORT}`);  
});
```