Microproject#2 (Beta Var 1.0)

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Course Name: JavaScript Frameworks

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MongoDB, Express, and Node.js application

Screenshots of codes

1. itemController class

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```

2. itemModel class

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3. itemRoutes class

4. server.js class

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       V CONNECTIONS
                                                 rergs /...
//server.js class
import express from 'express';
import dotenv from 'dotenv';
import connectDB from './config/db.js';
import itemRoutes from './routes/itemRoutes.js';
        > admin
> config
> local
         > = mongodbVSCodePl...
                                                 dotenv.config();
connectDB();
                                                 const app = express();
app.use(express.json());
•

∨ PLAYGROUNDS

        No MongoDB playground files found in the

→ HELP AND FEEDBACK

       Extension Documentation
        MongoDB Documentation
        Suggest a Feature
      Report a Bug

Create Free Atlas Cluster
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```

5. package.json class

```
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                                                                                                                                                                                                                                                                                                   1) package.json × JS playground-1.mongodb.js

∨ CONNECTIONS

                                                                        "type": "module",
"name": "men-create-app",
"version": "1.0.0",
"main": "index.js",
           > admin
> config
> local
            > = mongodbVSCodePl...
                                                                        "dev": "nodemon serve
}, "keywords": [],
"author": "',
"license": "ISC",
"description": "",
"dependencies": "
"dotenv": "16.5.0",
"express": "05.1.0",
"mongoose": "^8.13.2"
},
•

∨ PLAYGROUNDS

            No MongoDB playground files found in the
                                                                        },
"devDependencies": {
"nodemon": "^3.1.9"

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          EXERTION Documentation
MongoDB Documentation
Suggest a Feature
         Report a Bug

Create Free Atlas Cluster
                                                                                                                                                                                                                               Start JSON Server Ln 22, Col 1 Spaces: 2 UTF-8 LF {} JSON 😝 @ Go Live
```

6. db.js class

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ightarrow
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          V CONNECTIONS
           > admin
> config
> local
                                                                   const connectOB = async () => {
  try {
    // Use the connection string from.env to establish a connection to MongoDB.
    await mongoose.connect(process.env.MONGO_URI, {
        useNewMrlParser: true,
        useUnifiedTopology: true,
    }
}
            > 
mongodbVSCodePl...
                                                                       onsole.log('≥ MongoDB Connected');
catch (err) {
console.error('X MongoDB connection failed:', err);
process.exit(1); // Process exit with failure
•

✓ PLAYGROUNDS

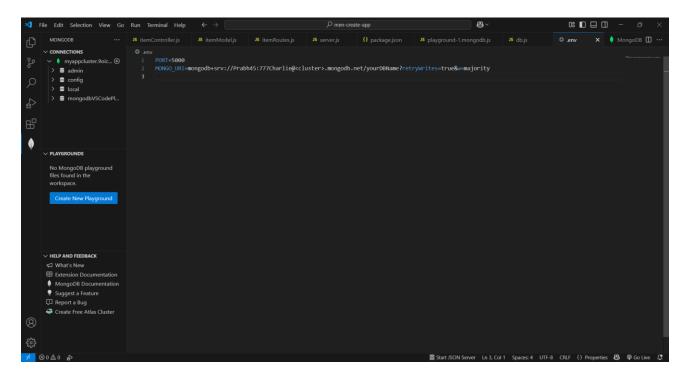
            No MongoDB playground files found in the

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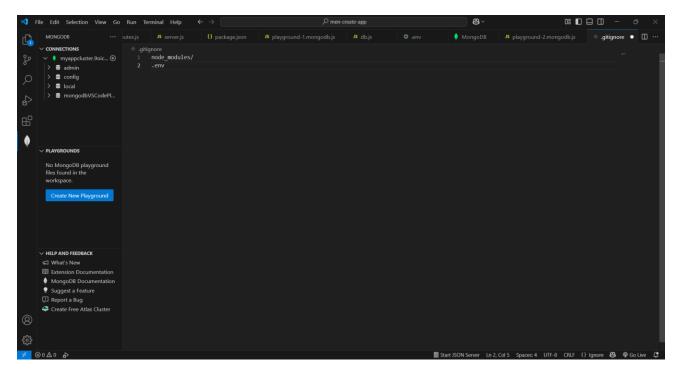
          Extension Documentation
           MongoDB Documentation
           Suggest a Feature
         Report a Bug

Create Free Atlas Cluster
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```

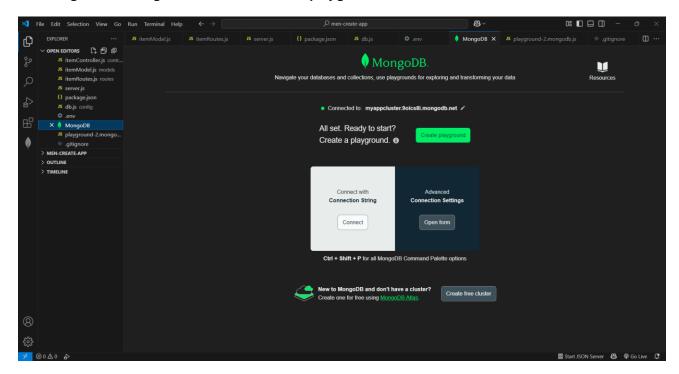
7. .env class



8. Gitignore file



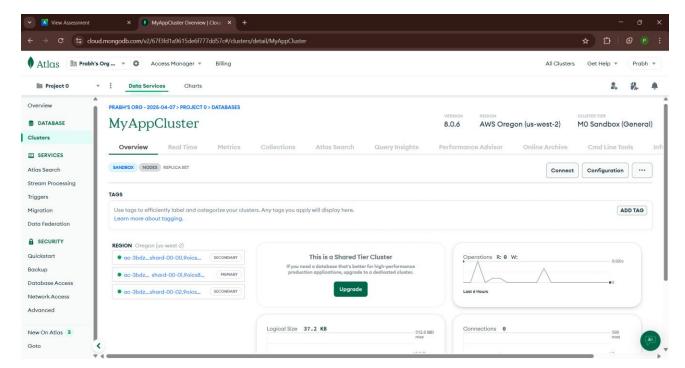
9. MongoDB building connection and create playground



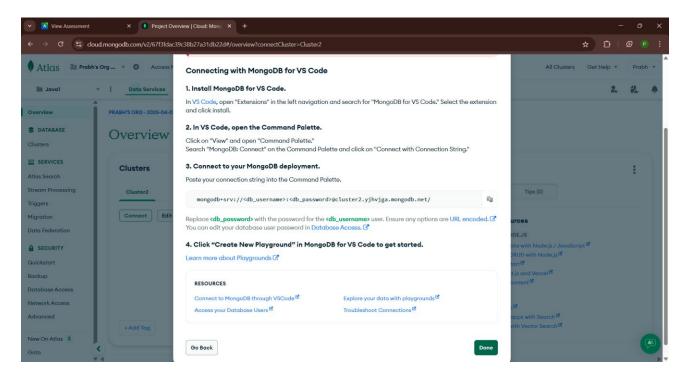
10. Playground-2.mongoDB.js class

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```

11. MongoDB Atlas cluster making



12. Connection with VS Code



Output:

