Online Market Application – Node.js, Express REST APIs & MongoDB

**Assignment 2 COMP229 – Web Application Development**

1. Using MongoDB database, create:
   1. A database by name **Marketplace**

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* 1. Create the following collections with their respective property. (5 Marks: Functionality).

1. **product**

name: string

description: string

price: number

quantity: number

category: string

1. **categories**

name: string

the categories of products to be included are Men, Women, teens. – **OR categories specified by your instructor**

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* 1. Obtain your connection string (url or uri)
  2. Provide the screen snapshot of your MongoDB database showing the above steps from 1a – c.

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1. Using Visual studio code as the IDE: **(25 Marks)**
   1. create a node.js App for the Marketplace by setting up the Express web server. Ensure to install all the necessary modules: express, mongoose, cors e.t.c.
   2. Run the app and provide a screen snapshot of it running in the browser as follows:

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1. After creating the Express web server next: **(30 Marks)**
   1. Add the configuration for the MongoDB database.
   2. Create the product model with Mongoose.
   3. Write the controller.
   4. Define the routes for handling all CRUD operations.