Artifitia Solutions LLP
KSITIL Special Economic Zone,
Unit No. 26, Upper Basement,
Sahya Building Govt. Cyberpark,
Nellikode, PO, Kozhikode, Kerala 673016

ARTIFITIA
S O L U T I O N S

MERN INTERVIEW ASSIGNMENT

Assignment: Build a MERN Product Management Application

Duration: 3days

Requirements:

❖ Create a Product Management application using MERN stack.
❖ Design the application using figma link provided below.
❖ Functionalities required are :
- ➢ User authentication(Signup and login)
- ➢ Add category
- ➢ Add sub-category
- ➢ Add products to the sub-category
- ➢ Compulsory to add product multiple variants.
- ➢ Each variant should have respective ram, price and qty.
- ➢ Display the products
- ➢ Edit product
- ➢ Implement Wishlist using Redux or useContext state management
- ➢ Implement search box with product name
- ➢ Implement filter with sub-category
- ➢ Implement pagination

❖ Use backend architectures like MVC, Clean, etc
❖ More importance given to functionality.
❖ Write clean, readable, and well-structured code, and use meaningful variable and function names.
❖ Host Your application somewhere if possible

Figma: shorturl.at/ejuWZ

Submission Guidelines:

❖ Fork this repository to your own GitHub account.

❖ Implement the MERN application according to the requirements mentioned above

❖ Commit your changes regularly, with clear and concise commit messages.

❖ Ensure your code is well-documented with comments where necessary.

❖ Write a README file that explains how to run the application and any additional information you think is necessary.