



# Tech Product Recommender – User Manual

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## System Requirements

- A web browser (Chrome, Firefox, Edge, etc.)
  - Active internet connection (optional)
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## Accessing the Application

You can access the app in one of two ways:

- If running locally via Docker: `http://localhost:8081`
- If running manually via npm start: `http://localhost:3000`

Once loaded, you'll see a simple and clean form at the top of the page.

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## How to Use the App

The app is designed to be easy for everyone to use. Here's what you need to do:

### Step 1: Choose Device Type

- Select whether you're looking for a Laptop or a Phone.

This step is required before anything else. The next input stays locked until you do this.

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### Step 2: Choose Usage Type

Once you've selected a device, the Usage Type dropdown will be unlocked.

You'll see usage profiles specific to the device:

- Laptops: Office/Professional, Gaming, Basic, etc.
- Phones: Basic use, Photography, Gaming, etc.

Choose the one that best describes how you plan to use your device.

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### Step 3: Enter Your Budget

- Type your maximum budget in INR (Indian Rupees).
- Make sure to enter a reasonable amount depending on your selected usage.

⚠ You can enter low values (e.g., ₹10,000) but try to match your usage expectations accordingly. For example, don't expect a high-end gaming laptop under ₹10,000.

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### Step 4: Get Recommendations

- Once all fields are filled, product recommendations will appear below the form — up to five at a time.
- Each recommendation is shown as a card with the following info:
  - Brand and model
  - Key specs (RAM, processor, battery, camera, etc.)
  - Price

You can scroll to see all five suggestions.

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#### Extra Features

-  **Refresh Button**
    - Click the Refresh button if you want to see five new recommendations (based on the same input).
  -  **Show Similar**
    - Each product card has a Show Similar button. Click it to get five new recommendations that are similar to that product.
    - These are not based on your original form input, but on the features of the selected product.
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### **Tips for Best Results**

- Make sure to enter a realistic budget based on what you're looking for.
  - Pick the correct usage type to get the most suitable options.
  - Use the "Show Similar" feature if a particular product seems close to what you want.
  - Refresh results if you're not satisfied — the system offers variety.
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### **Notes**

- This app is designed to recommend devices already in the dataset.
  - The suggestions are based on technical specifications and usage fit, not brand popularity.
  - The same product may appear again with different recommendations if it's highly relevant.
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### **Having Trouble?**

- If nothing shows up after you submit, try adjusting the budget or usage type.
- If you click "Show Similar" and don't see changes, refresh or try a different product.
- Make sure the backend server is running properly if you're using it locally.