Web Component Dev. CA1: React Garden Shop

Due Date: November 4th

For this Continuous Assessment, you are asked to develop a React application for a local gardening centre. The centre sells products in three main categories:

- Plants
- Tools
- Garden Care

The web app should allow customers to browse, shop, and place orders through a simple interface. Requirements:

1. User Sign-In:
   - Users must enter their name and telephone number to log into the app.

2. Shopping Features:
   - Once logged in, users can browse and shop items from any of the three sales categories.
   - Purchased items are added to an online shopping basket.
   - Users should have the option to remove items from the basket.

3. Checkout Process:
   - When the checkout option is selected user details along with a summary of purchased items and their total price is displayed.

The sample images provided represent a possible layout.

You are free to propose and implement alternative UI designs, provided they meet the functional requirements. The images shown represent a possible way to present the shopping menu as a developer you are free to change UI presentation.

As part of this project, you should demonstrate the use of reusable React components.

Product Card Component: Displays product name, price, and an "Add to Basket" button. Can be reused for all product categories.

Input Component: Reusable input field (for text, numbers, or telephone) used across login and checkout forms.

Marking Scheme

Product Listing	Displays product data correctly	**5**
Shopping basket Checkout	Displays selected items, total price, and user details accurately. Checkout workflow functions correctly.	**15**
Shopping basket - functionality	Correctly adds/removes items; updates total dynamically	**10**
GUI	Intuitive interface; good use of layout and styling) Selecting, deleting and filtering orders	**25**
Component design	Reusable, well-structured components	**15**
Use of hooks	Demonstrates correct use of React hooks	**10**
innovation features	Extra new detail to spec.	**10**
Presentation / Code Walkthrough	Code/Design walkthrough	**10**