**Task 5: Grid-based wireframe design**

Submit your responses in the template below:

**1. Grid Setup**

* **Desktop:  
  I would use a 12-column grid, with a gutter width of 24px and margins of 120px on either side. This allows for flexibility and alignment of multiple content types like product cards, filters, and navigation while maintaining readability and alignment on wide screens.**
* **Mobile:  
  I would use a 4-column grid, with gutter widths of 16px and margins of 16px. This keeps content clean and stackable, enabling scalability while supporting touch interaction targets according to accessibility guidelines (minimum 44px height/tap area).**

**2. Wireframe Blocks**

**Key components to include across screens:**

* **Header: Contains logo, search bar, cart icon, and hamburger menu (on mobile).**
* **Navigation Bar: Includes primary links like “Shop,” “Deals,” “My Orders,” and “Profile.”**
* **Product Cards: Uniform cards with image, title, price, and “Add to Cart” button.**
* **Filters Panel: Category, dietary preference, price range (desktop sidebar; collapsible on mobile).**
* **Footer: Contains links to policies, help, contact, and social media icons.**

**3. Screen Breakdown**

* **Homepage:**
  + **Hero banner with call-to-action.**
  + **Product categories (displayed as visual tiles).**
  + **Featured deals section (carousel on mobile).**
  + **“Top Picks for You” (personalized row of product cards).**
  + **Footer with links and contact.**
* **Product Listing Page:**
  + **Filter panel (on left for desktop, dropdown on mobile).**
  + **Sort options (e.g., Price Low to High).**
  + **Responsive grid of product cards (4 per row on desktop, 2 on mobile).**
  + **Pagination or infinite scroll control.**
* **Cart/Checkout Page:**
  + **Cart summary with product details, quantity selector, and delete option.**
  + **Order summary sidebar (desktop) or expandable panel (mobile).**
  + **Address and payment form sections.**
  + **“Place Order” button with visual confirmation microinteraction.**

**4. Consistency**

**To ensure consistency:**

* **I’d use Figma components and styles for UI elements (e.g., product card, button, icons).**
* **Apply a universal grid system across all screens.**
* **Maintain typography scale, button sizes, and spacing tokens using a shared design system.**
* **Use atomic design principles to keep wireframes modular and scalable.**

**5. Labeling**

**Each section would include:**

* **Header: “Global Nav”**
* **Hero Banner: “Promotional CTA”**
* **Product Cards: “Product Grid”**
* **Filter Panel: “Faceted Filters”**
* **Cart Section: “Cart Item Block,” “Order Summary”**
* **Form Fields: “Address Input,” “Payment Method”**
* **These labels aid developers and stakeholders in understanding the purpose and behavior of each element during design handoff and review.**