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CLASS: BE-CSE-C

SUBJECT: OBJECT ORIENTED SOFTWARE ENGINEERING

TITLE: ONLINE CATERING HUB

### **ACTIVITY 1:**

**Divide students into teams and assign them a mini project (e.g., build a simple to-do list app).**

### **PROBLEM STATEMENT :**

Event catering and professional cooking services are often limited to word-of-mouth or local contacts, making it difficult for skilled chefs to showcase their talent to a wider audience. At present, my mother manages bookings for weddings, parties, and large functions only through local phone calls, which restricts her ability to grow and reach more clients. A dedicated website is needed to present her catering services, highlight past event experiences, display menus and customer reviews, and provide simple booking and inquiry options. This platform will help expand her reach from local to global, connecting her cooking services with clients beyond geographical boundaries.

### **CODING :**

#### **APP.tsx:**

```
import { motion } from 'framer-motion';
import { Button } from '@/components/ui/button';
import { useLanguage } from '@/contexts/LanguageContext';
import heroImage from '@/assets/hero-catering.jpg';

export const HeroSection = () => {
  const { t } = useLanguage();

  return (
    <section className="relative min-h-screen flex items-center justify-center overflow-hidden">
      {/* Background Image */}
      <div className="absolute inset-0 z-0">
        <img
          src={heroImage}
          alt="Premium Catering Setup"
          className="w-full h-full object-cover"
        />
        <div className="absolute inset-0 bg-primary/60 backdrop-blur-[1px]"></div>
      </div>
    </section>
  );
}
```

```
/* Content */
<div className="relative z-10 max-w-4xl mx-auto px-4 sm:px-6 lg:px-8 text-center">
  <motion.div
    initial={{ opacity: 0, y: 50 }}
    animate={{ opacity: 1, y: 0 }}
    transition={{ duration: 0.8 }}
    className="space-y-8"
  >
    /* Main Heading */
    <motion.h1
      initial={{ opacity: 0, y: 30 }}
      animate={{ opacity: 1, y: 0 }}
      transition={{ duration: 0.8, delay: 0.2 }}
      className="font-heading text-4xl md:text-6xl lg:text-7xl font-bold text-primary-foreground leading-tight"
    >
      {t('heroTitle')}
    </motion.h1>

    /* Subtitle */
    <motion.p
      initial={{ opacity: 0, y: 30 }}
      animate={{ opacity: 1, y: 0 }}
      transition={{ duration: 0.8, delay: 0.4 }}
      className="text-lg md:text-xl text-primary-foreground/90 max-w-2xl mx-auto font-medium"
    >
      {t('heroSubtitle')}
    </motion.p>

    /* CTA Buttons */
    <motion.div
      initial={{ opacity: 0, y: 30 }}
      animate={{ opacity: 1, y: 0 }}
      transition={{ duration: 0.8, delay: 0.6 }}
      className="flex flex-col sm:flex-row gap-4 justify-center items-center"
    >
      <Button
        variant="gold"
        size="lg"
        className="px-8 py-4 text-lg font-semibold"
      >
        {t('bookNow')}
      </Button>
      <Button
        variant="premium"
        size="lg"
        className="px-8 py-4 text-lg bg-primary-foreground/10 border-primary-foreground text-primary-foreground hover:bg-primary-foreground hover:text-primary"
      >
        View Menu
      </Button>
    </motion.div>
  </motion.div>
</div>
```

```

        </motion.div>
    </motion.div>

    /* Floating Elements */
    <motion.div
        animate={{ y: [-10, 10, -10] }}
        transition={{ duration: 4, repeat: Infinity, ease: "easeInOut" }}
        className="absolute top-1/4 left-1/4 w-16 h-16 bg-secondary/20 rounded-full blur-xl"
    />
    <motion.div
        animate={{ y: [10, -10, 10] }}
        transition={{ duration: 5, repeat: Infinity, ease: "easeInOut" }}
        className="absolute top-1/3 right-1/4 w-20 h-20 bg-primary/20 rounded-full blur-xl"
    />
</div>

    /* Scroll Indicator */
    <motion.div
        animate={{ y: [0, 10, 0] }}
        transition={{ duration: 2, repeat: Infinity }}
        className="absolute bottom-8 left-1/2 transform -translate-x-1/2"
    >
        <div className="w-6 h-10 border-2 border-primary-foreground/60 rounded-full flex justify-center">
            <div className="w-1 h-3 bg-primary-foreground/60 rounded-full mt-2"></div>
        </div>
    </motion.div>
</section>
);
};


```

## APP.CSS:

```

#root {
    max-width: 1280px;
    margin: 0 auto;
    padding: 2rem;
    text-align: center;
}

.logo {
    height: 6em;
    padding: 1.5em;
    will-change: filter;
    transition: filter 300ms;
}
.logo:hover {
    filter: drop-shadow(0 0 2em #646cffaa);
}
.logo.react:hover {
    filter: drop-shadow(0 0 2em #61dafbaa);
}
```

```

@keyframes logo-spin {
  from {
    transform: rotate(0deg);
  }
  to {
    transform: rotate(360deg);
  }
}

@media (prefers-reduced-motion: no-preference) {
  a:nth-of-type(2) .logo {
    animation: logo-spin infinite 20s linear;
  }
}

.card {
  padding: 2em;
}

.read-the-docs {
  color: #888;
}

```

## OUTPUT:

