

TISCO Market - Frontend Design Document

1. Design System Overview

1.1 Design Philosophy

Based on the inspiration images provided, TISCO Market will embody a **modern, premium, and minimalist** design approach that emphasizes:

- **Clean aesthetics** with generous white space
- **Smooth, rounded elements** with subtle shadows
- **Contemporary color schemes** with professional gradients
- **Product-focused layouts** that highlight merchandise effectively
- **Intuitive navigation** with clear visual hierarchy

2. Visual Identity & Brand Elements

2.1 Color Palette (Based on Reference Images)

Primary Colors

```
CSS

/* From Nitec/headphones inspiration */
--primary-blue: #2563eb;    /* Deep blue (main brand) */
--primary-blue-light: #60a5fa; /* Light blue accents */
--accent-lime: #84cc16;     /* Vibrant lime green (CTA) */
--accent-orange: #f97316;   /* Warm orange highlights */
--accent-teal: #14b8a6;     /* Teal secondary accent */
```

Neutral Colors

```
CSS

--white: #ffffff;
--gray-50: #f9fafb; /* Light background */
--gray-100: #f3f4f6; /* Card backgrounds */
--gray-200: #e5e7eb; /* Borders */
--gray-400: #9ca3af; /* Muted text */
--gray-600: #4b5563; /* Secondary text */
--gray-900: #111827; /* Primary text */
```

Gradients & Effects

CSS

```
-gradient-hero: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
-gradient-card: linear-gradient(145deg, #f8fafc 0%, #e2e8f0 100%);
-glass-effect: rgba(255, 255, 255, 0.15);
-shadow-soft: 0 10px 25px rgba(0, 0, 0, 0.1);
-shadow-card: 0 4px 15px rgba(0, 0, 0, 0.08);
```

2.2 Typography System

Font Stack

CSS

```
/* Primary Font - Modern Sans-Serif */
-font-primary: 'Inter', -apple-system, BlinkMacSystemFont, 'Segoe UI', sans-serif;

/* Secondary Font - For headings */
-font-heading: 'Poppins', 'Inter', sans-serif;

/* Monospace - For code/technical content */
-font-mono: 'JetBrains Mono', 'Fira Code', monospace;
```

Typography Scale

CSS

```
-text-xs: 0.75rem; /* 12px - Small labels */
-text-sm: 0.875rem; /* 14px - Body small */
-text-base: 1rem; /* 16px - Body text */
-text-lg: 1.125rem; /* 18px - Large body */
-text-xl: 1.25rem; /* 20px - Small headings */
-text-2xl: 1.5rem; /* 24px - Section headings */
-text-3xl: 1.875rem; /* 30px - Page headings */
-text-4xl: 2.25rem; /* 36px - Hero headings */
-text-5xl: 3rem; /* 48px - Large hero */
```

3. Component Design System

3.1 Cards & Containers (Inspired by Almina Fashion)

Product Cards

CSS

```
.product-card {
  background: white;
  border-radius: 16px;
  padding: 20px;
  box-shadow: 0 4px 20px rgba(0, 0, 0, 0.08);
  transition: all 0.3s cubic-bezier(0.4, 0, 0.2, 1);
  border: 1px solid rgba(255, 255, 255, 0.2);
}

.product-card:hover {
  transform: translateY(-4px);
  box-shadow: 0 12px 40px rgba(0, 0, 0, 0.12);
}
```

Glass Cards (Premium Effect)

```
css

.glass-card {
  background: rgba(255, 255, 255, 0.15);
  backdrop-filter: blur(20px);
  border: 1px solid rgba(255, 255, 255, 0.2);
  border-radius: 20px;
  box-shadow: 0 8px 32px rgba(0, 0, 0, 0.1);
}
```

3.2 Buttons & Interactive Elements

Primary Button (Lime Green CTA)

```
css
```

```
.btn-primary {  
  background: linear-gradient(135deg, #84cc16, #65a30d);  
  color: white;  
  border: none;  
  border-radius: 12px;  
  padding: 12px 24px;  
  font-weight: 600;  
  transition: all 0.3s ease;  
  box-shadow: 0 4px 12px rgba(132, 204, 22, 0.3);  
}  
  
.btn-primary:hover {  
  transform: translateY(-2px);  
  box-shadow: 0 8px 20px rgba(132, 204, 22, 0.4);  
}
```

Secondary Button

```
css  
  
.btn-secondary {  
  background: rgba(37, 99, 235, 0.1);  
  color: #2563eb;  
  border: 1px solid rgba(37, 99, 235, 0.2);  
  border-radius: 12px;  
  padding: 12px 24px;  
  font-weight: 500;  
  transition: all 0.3s ease;  
}
```

3.3 Navigation Elements

Top Navigation Bar

```
css  
  
.navbar {  
  background: rgba(255, 255, 255, 0.95);  
  backdrop-filter: blur(20px);  
  border-bottom: 1px solid rgba(0, 0, 0, 0.05);  
  height: 72px;  
  position: sticky;  
  top: 0;  
  z-index: 50;  
}
```

Navigation Pills (Category Tags)

CSS

```
.nav-pill {  
  background: rgba(37, 99, 235, 0.1);  
  color: #2563eb;  
  border-radius: 24px;  
  padding: 8px 16px;  
  font-size: 14px;  
  font-weight: 500;  
  transition: all 0.2s ease;  
}  
  
.nav-pill.active {  
  background: #2563eb;  
  color: white;  
  box-shadow: 0 4px 12px rgba(37, 99, 235, 0.3);  
}
```

4. Layout Specifications

4.1 Grid System

CSS

```
/* Container widths */  
.container-sm { max-width: 640px; }  
.container-md { max-width: 768px; }  
.container-lg { max-width: 1024px; }  
.container-xl { max-width: 1280px; }  
.container-2xl { max-width: 1536px; }  
  
/* Grid layouts */  
.grid-products {  
  display: grid;  
  grid-template-columns: repeat(auto-fill, minmax(280px, 1fr));  
  gap: 24px;  
}  
  
.grid-services {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(320px, 1fr));  
  gap: 32px;  
}
```

4.2 Spacing System

CSS

```
--space-1: 4px; /* 0.25rem */
--space-2: 8px; /* 0.5rem */
--space-3: 12px; /* 0.75rem */
--space-4: 16px; /* 1rem */
--space-6: 24px; /* 1.5rem */
--space-8: 32px; /* 2rem */
--space-12: 48px; /* 3rem */
--space-16: 64px; /* 4rem */
--space-20: 80px; /* 5rem */
--space-24: 96px; /* 6rem */
```

5. Page-Specific Design Patterns

5.1 Homepage Design

Hero Section (Inspired by Nitec's carousel)

CSS

```
.hero-section {
  background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
  border-radius: 24px;
  margin: 24px;
  padding: 80px 40px;
  color: white;
  position: relative;
  overflow: hidden;
}

.hero-content {
  max-width: 600px;
  z-index: 2;
}

.hero-product {
  position: absolute;
  right: 80px;
  top: 50%;
  transform: translateY(-50%);
  z-index: 1;
}
```

Featured Products Grid

CSS

```
.featured-section {  
  padding: 80px 24px;  
}  
  
.products-grid {  
  display: grid;  
  grid-template-columns: repeat(3, 1fr);  
  gap: 32px;  
  margin-top: 48px;  
}  
  
@media (max-width: 768px) {  
  .products-grid {  
    grid-template-columns: 1fr;  
    gap: 24px;  
  }  
}
```

5.2 Shop Page Design

Filter Sidebar (Left Side)

CSS

```
.filter-sidebar {  
  width: 280px;  
  background: rgba(255, 255, 255, 0.8);  
  backdrop-filter: blur(10px);  
  border-radius: 16px;  
  padding: 24px;  
  height: fit-content;  
  position: sticky;  
  top: 96px;  
}  
  
.filter-group {  
  margin-bottom: 32px;  
}  
  
.filter-title {  
  font-weight: 600;  
  color: #111827;  
  margin-bottom: 16px;  
}
```

Product Grid (Main Content)

```
css  
  
.shop-main {  
  flex: 1;  
  margin-left: 32px;  
}  
  
.products-header {  
  display: flex;  
  justify-content: between;  
  align-items: center;  
  margin-bottom: 32px;  
}  
  
.product-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fill, minmax(280px, 1fr));  
  gap: 24px;  
}
```

5.3 Service Booking Design

Service Cards Layout (Inspired by Almina's product layout)

CSS

```
.service-card {  
  background: white;  
  border-radius: 20px;  
  padding: 32px;  
  box-shadow: 0 8px 24px rgba(0, 0, 0, 0.06);  
  border: 1px solid rgba(0, 0, 0, 0.04);  
  transition: all 0.3s cubic-bezier(0.4, 0, 0.2, 1);  
}  
  
.service-icon {  
  width: 64px;  
  height: 64px;  
  background: linear-gradient(135deg, #2563eb, #1d4ed8);  
  border-radius: 16px;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  margin-bottom: 24px;  
}
```

Booking Form Design

CSS

```
.booking-form {
  background: rgba(255, 255, 255, 0.9);
  backdrop-filter: blur(20px);
  border-radius: 20px;
  padding: 40px;
  box-shadow: 0 12px 32px rgba(0, 0, 0, 0.1);
  border: 1px solid rgba(255, 255, 255, 0.2);
}

.form-group {
  margin-bottom: 24px;
}

.form-input {
  width: 100%;
  padding: 16px 20px;
  border: 1px solid rgba(0, 0, 0, 0.1);
  border-radius: 12px;
  background: rgba(255, 255, 255, 0.8);
  font-size: 16px;
  transition: all 0.3s ease;
}

.form-input:focus {
  outline: none;
  border-color: #2563eb;
  box-shadow: 0 0 3px rgba(37, 99, 235, 0.1);
}
```

6. Mobile Design Patterns

6.1 Responsive Breakpoints

```
CSS

/* Mobile First Approach */
@media (min-width: 640px) { /* sm */}
@media (min-width: 768px) { /* md */}
@media (min-width: 1024px) { /* lg */}
@media (min-width: 1280px) { /* xl */}
@media (min-width: 1536px) { /* 2xl */}
```

6.2 Mobile Navigation

```
CSS
```

```
.mobile-menu {  
  position: fixed;  
  top: 0;  
  left: 0;  
  width: 100%;  
  height: 100vh;  
  background: rgba(0, 0, 0, 0.95);  
  backdrop-filter: blur(20px);  
  z-index: 100;  
  transform: translateX(-100%);  
  transition: transform 0.3s cubic-bezier(0.4, 0, 0.2, 1);  
}  
  
.mobile-menu.open {  
  transform: translateX(0);  
}
```

6.3 Mobile Product Cards

```
css  
  
@media (max-width: 768px) {  
  .product-card {  
    padding: 16px;  
    border-radius: 12px;  
  }  
  
  .product-grid {  
    grid-template-columns: repeat(2, 1fr);  
    gap: 16px;  
  }  
}
```

7. Animation & Interactions

7.1 Micro-animations

```
css
```

```
/* Page transitions */
.page-transition {
  opacity: 0;
  transform: translateY(20px);
  animation: fadeInUp 0.6s cubic-bezier(0.4, 0, 0.2, 1) forwards;
}

@keyframes fadeInUp {
  to {
    opacity: 1;
    transform: translateY(0);
  }
}

/* Hover effects */
.interactive:hover {
  transform: translateY(-2px);
  transition: transform 0.2s cubic-bezier(0.4, 0, 0.2, 1);
}
```

7.2 Loading States

```
css

.skeleton {
  background: linear-gradient(90deg, #f0f0f0 25%, #e0e0e0 50%, #f0f0f0 75%);
  background-size: 200% 100%;
  animation: loading 1.5s infinite;
}

@keyframes loading {
  0% { background-position: 200% 0; }
  100% { background-position: -200% 0; }
}
```

8. Accessibility Considerations

8.1 Color Accessibility

- All color combinations meet WCAG AA contrast ratio (4.5:1)
- Interactive elements have focus states with clear visual indicators
- Color is not the only means of conveying information

8.2 Interactive Elements

CSS

```
.focus-visible {  
  outline: 2px solid #2563eb;  
  outline-offset: 2px;  
}  
  
.btn:focus-visible {  
  box-shadow: 0 0 0 3px rgba(37, 99, 235, 0.3);  
}
```

8.3 Motion Preferences

CSS

```
@media (prefers-reduced-motion: reduce) {  
  *,  
  *::before,  
  *::after {  
    animation-duration: 0.01ms !important;  
    animation-iteration-count: 1 !important;  
    transition-duration: 0.01ms !important;  
  }  
}
```

9. Component Library Structure

9.1 Atomic Design Approach

Atoms

- Button variations (Primary, Secondary, Ghost)
- Input fields (Text, Email, Password, Select)
- Icons (using Lucide React)
- Typography components
- Loading spinners

Molecules

- Search bar with icon
- Product card with image, title, price
- Service card with icon and description
- Navigation pills/tags
- Form groups (label + input + error)

Organisms

- Navigation header with menu
- Product grid with filtering
- Service booking form
- Footer with links and social media
- Shopping cart drawer

Templates

- Page layouts (with sidebar, without sidebar)
- Modal layouts
- Dashboard layouts

9.2 Tailwind Configuration

```
javascript
```

```
// tailwind.config.js
module.exports = {
  content: ['./src/**/*.js,ts,jsx,tsx'],
  theme: {
    extend: {
      colors: {
        primary: {
          50: '#eff6ff',
          500: '#2563eb',
          600: '#1d4ed8',
        },
        accent: {
          lime: '#84cc16',
          orange: '#f97316',
          teal: '#14b8a6',
        }
      },
      fontFamily: {
        sans: ['Inter', 'system-ui', 'sans-serif'],
        heading: ['Poppins', 'Inter', 'sans-serif'],
      },
      borderRadius: {
        'xl': '1rem',
        '2xl': '1.25rem',
        '3xl': '1.5rem',
      },
      boxShadow: {
        'soft': '0 10px 25px rgba(0, 0, 0, 0.1)',
        'card': '0 4px 15px rgba(0, 0, 0, 0.08)',
      }
    },
  },
  plugins: [
    require('@tailwindcss/forms'),
    require('@tailwindcss/aspect-ratio'),
  ],
}
```

10. Implementation Guidelines

10.1 Component Development Order

1. **Foundation Components:** Button, Input, Typography, Card
2. **Layout Components:** Header, Footer, Container, Grid
3. **Product Components:** ProductCard, ProductGrid, ProductDetail

- 4. **Service Components:** ServiceCard, BookingForm
- 5. **Navigation Components:** Navbar, Sidebar, MobileMenu
- 6. **Form Components:** ContactForm, BookingForm, CheckoutForm

10.2 Performance Considerations

- Use Next.js Image component for optimized images
- Implement lazy loading for product grids
- Use CSS-in-JS or Tailwind for styling consistency
- Minimize bundle size with tree-shaking
- Implement proper caching strategies

10.3 Testing Strategy

- Visual regression testing with Chromatic
- Component testing with Jest and Testing Library
- Accessibility testing with axe-core
- Cross-browser testing on major browsers
- Mobile device testing on various screen sizes

Design Document Version: 1.0

Based on: Nitec inspiration (Image 4) + Almina fashion inspiration (Image 5)

Next Steps: Create component library and implement design system