**NEW POLL PROJECT**

**Methods Used & Their Effectiveness:**

**✅ What Worked Well:**

**File structure organization - Clean /src/ prefix structure**

**Server Actions pattern - Proper separation of concerns**

**Dynamic routing - [id] routes worked seamlessly**

**State management - URL params for passing vote data**

**Tailwind CSS - Quick styling and responsive design**

**Mock data approach - Fast prototyping without database setup**

**Component separation - Server vs Client Components**

**Form handling - Native forms with validation**

**⚠️ What Had Issues:**

**Git push with large files - .next folder caused 44MB upload, network timeout**

**Cache corruption - Webpack cache needed manual clearing**

**Authentication bypass - Had to mock user for demo purposes**

**File path corrections - Some initial path mismatches needed fixes**

**🔄 What Could Be Improved:**

**Database integration - Currently using mock data**

**Real authentication - Using demo user instead of actual auth**

**Error boundaries - Could add React error boundaries**

**Loading states - Could be more sophisticated**

**Type safety - Some any types could be more specific**

**📝 Key Learnings:**

**Always include .next/ in .gitignore**

**Mock data is effective for rapid prototyping**

**URL state passing works well for simple data**

**Tailwind gradients create quick visual appeal**