**Step-by-Step Guide: Install Mondo Cucina App on Your Phone**

**🚀 Method 1: Local Network Installation (For Testing)**

**Step 1: Start the Development Server**

On your computer, run:

npm run dev

You should see something like:

➜ Local: http://localhost:5176/

➜ Network: http://192.168.1.53:5176/

**Step 2: Connect Your Phone**

1. **Make sure your phone is on the same Wi-Fi network** as your computer
2. **Open your phone's browser** (Chrome, Safari, etc.)
3. **Type this URL**: http://192.168.1.53:5176
   * Replace 192.168.1.53 with your actual IP address from Step 1

**Step 3: Install as PWA**

**📱 On Android (Chrome):**

1. **Open the app** in Chrome browser
2. **Look for "Add to Home Screen"** banner at the bottom
3. **If no banner appears**, tap the **3-dot menu** → **"Add to Home Screen"**
4. **Confirm installation** by tapping "Add"
5. **App icon appears** on your home screen

**📱 On iPhone (Safari):**

1. **Open the app** in Safari browser
2. **Tap the Share button** (square with arrow up)
3. **Scroll down** and tap **"Add to Home Screen"**
4. **Edit the name** if desired, then tap **"Add"**
5. **App icon appears** on your home screen

**🌐 Method 2: Production Deployment (Recommended)**

**Step 1: Build the App**

npm run build

**Step 2: Deploy to Netlify**

1. **Go to** [netlify.com](https://netlify.com/)
2. **Sign up/Login** with your account
3. **Drag and drop** the build folder to Netlify
4. **Get your live URL** (e.g., https://your-app-name.netlify.app)

**Step 3: Install from Live URL**

**📱 On Android:**

1. **Open Chrome** on your phone
2. **Visit your Netlify URL**
3. **Chrome will show "Add to Home Screen"** banner
4. **Tap "Add"** to install
5. **App installs** like a native app

**📱 On iPhone:**

1. **Open Safari** on your phone
2. **Visit your Netlify URL**
3. **Tap Share** → **"Add to Home Screen"**
4. **Tap "Add"** to install
5. **App installs** with your custom icon

**✅ What You'll Get After Installation:**

**📱 Native App Experience:**

* **App icon** on your home screen
* **Splash screen** when opening
* **No browser UI** - looks like a real app
* **Offline functionality** - works without internet
* **Background sync** - data syncs when back online

**🔧 App Features:**

* **Fill job order forms** offline
* **Capture signatures** with touch
* **Upload photos** from camera
* **Export to Excel/PDF**
* **Professional reports**

**🔍 Troubleshooting:**

**If Local Network Doesn't Work:**

1. **Check Windows Firewall** - might be blocking connections
2. **Try different IP** - use ipconfig to find correct one
3. **Use ngrok** for public URL:
4. npm install -g ngrok
5. ngrok http 5176

**If Install Option Doesn't Appear:**

1. **Use HTTPS** - PWAs require secure connection
2. **Clear browser cache** and try again
3. **Try different browser** (Chrome works best)

**If App Doesn't Work Offline:**

1. **Refresh the app** once after installation
2. **Check service worker** is registered
3. **Try filling a form** - should work without internet

**🎯 Quick Test Steps:**

**After Installation:**

1. **Turn off Wi-Fi** on your phone
2. **Open the app** from home screen
3. **Fill out a job order form**
4. **Add signature and photos**
5. **Submit form** - should save offline
6. **Turn Wi-Fi back on**
7. **Check admin panel** - data should sync

**📞 Need Help?**

If you encounter any issues:

1. **Check console logs** in browser developer tools
2. **Verify your IP address** is correct
3. **Ensure both devices** are on same network
4. **Try the production deployment** method instead

The app is designed to work perfectly on mobile devices with full offline capabilities! 🚀📱