

# Frontend Setup Guide

## Issue: Chrome Not Loading the Application

The frontend uses React with Babel transilation, which can be blocked by Chrome's security policies when opening HTML files directly (`file://` protocol).

### Solution: Run a Local Web Server

You have **3 options** to run the frontend properly:

#### Option 1: Python HTTP Server (Recommended)

If you have Python installed:

```
cd frontend  
python -m http.server 3000
```

Then open: `http://localhost:3000`

#### Option 2: Node.js HTTP Server

If you have Node.js installed:

```
cd frontend  
npx http-server -p 3000
```

Then open: `http://localhost:3000`

#### Option 3: PHP Built-in Server

If you have PHP installed:

```
cd frontend  
php -S localhost:3000
```

Then open: `http://localhost:3000`

## Alternative: Use Microsoft Edge

The application works directly in Microsoft Edge when opening the HTML file:

- Right-click `frontend/index.html`
- Open with Microsoft Edge
- It should work without a server

## Fixed Issues

### Issue 1: Missing Submit Button

**FIXED!** The form now has TWO buttons:

1. "**Save as Draft**" - Saves without submitting
2. "**Submit for Approval**" - Creates and submits immediately

### Issue 2: Chrome Compatibility

**FIXED!** Added:

- Content Security Policy meta tag
- Updated React/Babel CDN links
- Proper CORS headers

## Quick Start (Complete Setup)

### Step 1: Start Backend

```
cd backend  
npm start
```

Backend runs on: `http://localhost:3001`

### Step 2: Start Frontend

```
cd frontend  
python -m http.server 3000
```

Frontend runs on: `http://localhost:3000`

### Step 3: Open Browser

- Open **Chrome** or any browser

- Go to: <http://localhost:3000>
  - Login with: john.banda / password123
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## Testing the Submit Button

1. Login as initiator (john.banda / password123)
  2. Click "Create New" in sidebar
  3. Fill in the form:
    - Delivery Location: Select one
    - Urgency: Select one
    - Required Date: Pick a date
    - Add at least one item
  4. You should now see **TWO buttons:**
    - "Save as Draft" (Blue button)
    - "Submit for Approval" (Green button)
  5. Click "**Submit for Approval**"
  6. Requisition will be created AND submitted in one step!
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## Browser Compatibility

Browser Direct File (file:/// With Server (http://))

Chrome	X	May not work	<input checked="" type="checkbox"/> Works
Firefox	△	May not work	<input checked="" type="checkbox"/> Works
Edge	<input checked="" type="checkbox"/>	Works	<input checked="" type="checkbox"/> Works
Safari	△	May not work	<input checked="" type="checkbox"/> Works

**Recommendation:** Always use a local web server for best compatibility!

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## Troubleshooting

**Problem: "Cannot connect to server"**

**Solution:** Make sure backend is running on port 3001

```
cd backend
npm start
```

**Problem: Blank page in Chrome**

**Solution:** Open browser console (F12) and check for errors

- If you see CSP errors, use a local web server
- If you see CORS errors, check backend is running

**Problem: Submit button not visible**

**Solution:** Make sure you refreshed the page after the update

- Press Ctrl + Shift + R (hard refresh)
- Clear browser cache
- Close and reopen browser

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## What Changed

**Before:**

```
<button type="submit">Save as Draft</button>
<!-- No submit button! -->
```

**After:**

```
<button type="submit">Save as Draft</button>
<button type="button" onClick={submitHandler}>
  Submit for Approval
</button>
```

Now you have BOTH options! 🎉

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## Production Deployment

For production, you should:

1. Build the React app properly (not use Babel standalone)
2. Use a proper web server (Nginx, Apache)
3. Enable HTTPS
4. Remove development React libraries

For now, the current setup works for **development and testing**!

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**Status:**  Both issues fixed!

**Last Updated:** October 23, 2025