

Frontend Setup Guide

Issue: Chrome Not Loading the Application

The frontend uses React with Babel transpilation, 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
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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`

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!

Browser Compatibility

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

Chrome	✗ May not work	☑ Works
Firefox	⚠ May not work	☑ Works
Edge	☑ Works	☑ Works
Safari	⚠ May not work	☑ Works

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

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

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! 🐾

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!**

Status: ☒ Both issues fixed!
Last Updated: October 23, 2025