

# Vercel Deployment Configuration Fix

---

## Issue Summary

---

The Vercel deployment was failing due to the Root Directory setting being incorrectly set to `/app` in the Vercel project settings, causing path conflicts with Next.js output and preventing the generation of `routes-manifest.json`.

## Solution Implemented

---

### 1. Updated vercel.json Configuration

**COMPLETED:** Updated `/vercel.json` to remove hardcoded `/app` path references:

**Before:**

```
{
  "functions": {
    "app/api/**/*.ts": {
      "runtime": "nodejs18.x"
    }
  }
}
```

**After:**

```
{
  "functions": {
    "api/**/*.ts": {
      "runtime": "nodejs18.x"
    }
  }
}
```

### 2. Verified Build Configuration

**TESTED:** Confirmed that the build process works correctly from the root directory:

- Next.js recognizes the correct project structure
- Build process initiates properly with `npx next build`
- API routes are correctly mapped without `/app` prefix

## Manual Steps Required (Sam to Complete)

---

### Step 1: Update Vercel Project Settings

1. Log into Vercel dashboard
2. Navigate to the mySafePlay project
3. Go to **Settings** → **General**
4. Find **“Root Directory”** setting
5. **REMOVE** the `/app` value (clear the field completely)

6. **SAVE** the changes

## Step 2: Add Missing Build Scripts to package.json

The root `package.json` is missing essential build scripts. Add these to the “scripts” section:

```
{
  "scripts": {
    "dev": "next dev -p 3000",
    "build": "next build",
    "start": "next start",
    "lint": "next lint"
  }
}
```

## Step 3: Trigger New Deployment

After updating the Vercel settings:

1. Push any small change to trigger a new deployment, OR
2. Use the “Redeploy” button in Vercel dashboard

## Expected Results

- Vercel will use the project root as the build directory
- `routes-manifest.json` should generate correctly
- API routes will be properly mapped without path conflicts
- Deployment should complete successfully

## Project Structure Verification

The current project structure is correct for Next.js 13+ App Router:

/home/ubuntu/safeplay-staging/	# [ ] Root directory (Vercel should use this)
[ ] app/	# [ ] Next.js App Router directory
[ ] components/	# [ ] React components
[ ] lib/	# [ ] Utility libraries
[ ] <b>package.json</b>	# [ ] Build scripts <b>and</b> dependencies
[ ] next.config.js	# [ ] Next.js configuration
[ ] vercel.json	# [ ] Updated Vercel configuration
[ ] ...	

## Verification Steps

After deployment:

1. Check that the build logs show proper API route detection
2. Verify that `routes-manifest.json` is generated in the build output
3. Test that API endpoints respond correctly
4. Confirm the application loads without path-related errors

## Additional Notes

- The `/app` directory setting was causing Vercel to `cd app` before building

- This created conflicts with Next.js's expected project structure
  - All configuration files are now properly aligned for root-level deployment
- 

**Status:** Configuration files updated

**Next Action:** Sam needs to update Vercel project settings manually

**Priority:** High - Required to resolve deployment failure