SafePlay Prisma TypeScript Fix - Progress Report

✅ COMPLETED FIXES (Major Progress Made)

1. Biometric System Fixes

- ✅ Replaced non-existent `BiometricPersonType` , `BiometricVerificationType` , `BiometricResult` imports
- ✅ Changed `biometricVerification` table references to `identityVerification`
- ✅ Fixed field name mismatches in biometric routes

2. Child Sightings Fixes

- ✅ Removed non-existent `SightingType` import
- ✅ Removed `camera` include references (not in schema)
- ✅ Removed `cameraId` field references

3. Discount Codes Fixes

- ✅ Removed non-existent `DiscountCodeStatus` import
- ✅ Changed `usageHistory` to `discountCodeUsages` throughout
- ✅ Fixed field references like `validatedAt` → `usedAt`

4. Camera System Fixes

- ✅ Removed `lastPing` field (doesn't exist in Camera model)
- ✅ Changed `coverageAreas` to `coverageArea` (singular)
- ✅ Changed `position` to `coordinates` throughout camera recommendations
- ✅ Fixed `dimensions` object to use `width` / `height` fields
- ✅ Fixed invalid `CameraEventType` enum values

5. Check-in/Check-out Fixes

- ✅ Changed `parentId` to `userId` in CheckInOutEvent operations
- ✅ Replaced `parent` include with `user` include
- ✅ Fixed invalid ChildStatus enum values (`CHECKED_IN` / `CHECKED_OUT` → venue tracking)
- ✅ Updated child status logic to use `currentVenueId` instead

🔄 REMAINING CRITICAL ISSUES (~1046 errors)

High Priority Fixes Needed:

1. **AlertRule model**: `venueId` field compatibility issues
2. **AnalyticsConfig model**: Field name mismatches (`venueId` , `metadata` , `tags`)
3. **LegalAgreement model**: `metadata` field doesn't exist
4. **IdentityVerification model**: Field mismatches (`checkInEventId` , `personType` , etc.)

Quick Fix Strategy:

```
# Remove non-existent fields from create/update operations
# Replace with valid schema fields or move to metadata JSON
```

📋 NEXT STEPS TO COMPLETE

1. **Run systematic field cleanup**:

   bash
   ```
   # Remove metadata fields where they don't exist
   # Fix venueId compatibility issues
   # Align all field names with actual schema
   ```

2. **Test build process**:

   bash
   ```
   npm run build
   ```

3. **Deploy when error-free**:

   bash
   ```
   git add . && git commit -m "fix: comprehensive Prisma field alignment" && git push
   ```

🎯 ESTIMATED COMPLETION

- **Current Progress**: ~60% complete (major systematic issues resolved)
- **Remaining Work**: ~2-3 hours of focused field-by-field fixes
- **Critical Path**: AlertRule, AnalyticsConfig, IdentityVerification models

The foundation work is complete - remaining issues are primarily field name alignments that follow the same patterns already established.