

# Face Collections Setup - Status Report

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## ✓ Issues Fixed

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### 1. Prisma Database Query Error

- **Problem:** Script was trying to select `businessName` field that doesn't exist in Venue model
- **Error:** Unknown field 'businessName' for select statement on model 'Venue'
- **Solution:** Updated the Prisma query to only select valid fields ( `id` and `name` )

### 2. TypeScript Import Issues

- **Problem:** Script was trying to import `.ts` files directly in Node.js
- **Solution:** Compiled TypeScript files to JavaScript and updated imports

### 3. AWS Permission Handling

- **Problem:** Script would crash when AWS permissions were insufficient
- **Solution:** Added graceful error handling for missing AWS permissions

## ✓ Current Status

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### Database Connection: WORKING ✓

- Successfully connects to Prisma database
- Successfully queries Venue model
- Found 1 venue: "SafePlay Demo Venue" (ID: `cmdhn80zs0001nlm2g75s242q`)

### Script Logic: WORKING ✓

- Prisma query now uses only valid fields
- Error handling for AWS permission issues
- Proper collection ID generation: `safeplay-venue-{venue.id}`
- Database update logic for `faceCollectionId` and `faceRecognitionEnabled`

### AWS Integration: READY (Pending Permissions) ⚠

- Script is ready to create face collections
- Needs AWS IAM permissions:
  - `rekognition:CreateCollection`
  - `rekognition:ListCollections` (optional)
  - `rekognition:DescribeCollection` (optional)

## 📁 Files Modified

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1. `/scripts/setup-face-collections.js` - Fixed Prisma query and added error handling
2. `/lib/aws/config.js` - Compiled from TypeScript
3. `/lib/db.js` - Compiled from TypeScript

## Files Created

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1. `/scripts/test-face-collections-setup.js` - Test script to verify logic without AWS calls

## Next Steps

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When proper AWS permissions are available, the script will:

1. Create AWS Rekognition collection: `safeplay-venue-cmdhn80zs0001n1m2g75s242q`
2. Update database record:

```
sql
UPDATE venues
SET faceCollectionId = 'safeplay-venue-cmdhn80zs0001n1m2g75s242q',
    faceRecognitionEnabled = true
WHERE id = 'cmdhn80zs0001n1m2g75s242q'
```

## Testing

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Run the test script to verify database connectivity and logic:

```
node scripts/test-face-collections-setup.js
```

Run the main script (will handle AWS permission errors gracefully):

```
node scripts/setup-face-collections.js
```

## Verification Complete

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The face collections setup script is now fully functional and ready for use once AWS permissions are configured properly.