

# TV Layout Update Summary

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## Task Completed Successfully

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Updated the TV Layout implementation to accurately match the **Graystone Layout floor plan drawing**.

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## What Was Done

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### 1. Discovered & Analyzed the Design Reference

- **Located:** `tests/layout_import/Graystone Layout.png`
- **Analyzed:** Floor plan showing 25 TVs across 8 different zones
- **Identified:** All TV positions and their corresponding areas

### 2. Reviewed Current Implementation

- **File:** `src/components/TVLayoutView.tsx`
- **Issue:** TV positions in the grid didn't match the floor plan drawing
- **Issue:** Area labels and zones weren't accurately representing the floor plan

### 3. Implemented Updates

#### TVLayoutView.tsx Changes

- ✓ **Reorganized all 25 TV positions** to match the Graystone Layout drawing exactly
- ✓ **Updated area assignments** for each TV to match the drawing
- ✓ **Added SOUTH area** for TV 03 (was missing)
- ✓ **Enhanced floor plan legend** with color-coded zone indicators
- ✓ **Improved area label positioning** to match the floor plan structure
- ✓ **Updated title** to "Graystone Sports Bar TV Layout"
- ✓ **Added directional labels** (North/South) for better orientation
- ✓ **Updated TV labels** to display as "TV 01", "TV 02", etc.

#### TVButton.tsx Changes

- ✓ **Added SOUTH area color** (cyan) to the area color scheme
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## Updated Layout Map

### Zone Distribution (25 TVs Total)

Zone	TVs	Location
EAST	TV 01, TV 02	Top right corner
PARTY EAST	TV 20, TV 13, TV 15, TV 21, TV 22	Left side
BAR	TV 14, TV 19, TV 11, TV 16, TV 18, TV 12	Center area
DINING	TV 07, TV 09, TV 06, TV 08, TV 05, TV 10	Right side
PARTY WEST	TV 24, TV 25	Bottom left
PATIO	TV 23	Far left bottom
WEST	TV 04	Bottom center
SOUTH	TV 03	Bottom right

## Visual Improvements

- 1. **Color-Coded Legend:** Easy-to-read legend showing all 8 zones with matching colors
- 2. **Better Spatial Organization:** TVs now positioned to reflect actual floor plan layout
- 3. **Strategic Label Placement:** Area labels positioned to avoid overlapping TV buttons
- 4. **Consistent Naming:** TV numbers match the drawing format (TV 01, TV 02, etc.)
- 5. **Area Background Colors:** Each TV button has a subtle background gradient matching its zone

## Pull Request Created

**PR #262:** Update TV Layout to Match Graystone Layout Drawing

**URL:** <https://github.com/dfultonthebar/Sports-Bar-TV-Controller/pull/262>

**Branch:** `feature/update-tv-layout-to-match-drawing`

**Status:**  Open and ready for review

## Files Modified

1. `src/components/TVLayoutView.tsx` - Main TV layout component
2. `src/components/TVButton.tsx` - Individual TV button component

## Development Workflow Followed

As per `ssh.md`, the following workflow was followed:

1. ☒ Cloned repository locally with sparse checkout
2. ☒ Created feature branch: `feature/update-tv-layout-to-match-drawing`
3. ☒ Made code changes to match the Graystone Layout drawing
4. ☒ Committed changes with descriptive message
5. ☒ Pushed to remote repository
6. ☒ Created Pull Request (not auto-merged as per guidelines)

## Next Steps

### For You:

1. **Review the PR:** Visit <https://github.com/dfultonthebar/Sports-Bar-TV-Controller/pull/262>
2. **Visual Verification:** Test the application to see how the updated layout looks
3. **Approve & Merge:** Once satisfied, merge the PR to main branch

### Optional Deployment (if needed):

If you want to deploy to the server mentioned in `ssh.md`:

```
sshpass -p '6809233DjD$$$' ssh -p 224 -o StrictHostKeyChecking=no -o ServerAliveInterval=30 -o ServerAliveCountMax=3 ubuntu@24.123.87.42 "cd ~/Sports-Bar-TV-Controller && git pull origin main"
```

## Reference





All changes were made based on the floor plan drawing located at:

- **Path:** `tests/layout_import/Graystone Layout.png`
- **Description:** Floor plan showing the Graystone Sports Bar layout with 25 TV positions

## Summary

The TV Layout section has been successfully updated to closely match the Graystone Layout drawing! The implementation now accurately reflects:

- ☒ All 25 TV positions matching the floor plan

-  Correct zone assignments for each TV
-  Visual improvements with color-coded zones
-  Better organization and readability
-  Consistent naming matching the drawing

**The PR is ready for your review and approval!** 