Song Chart Rendering & Customization - Brain Dump Analysis

Chart Structure & Song Flow

- **Song Map vs. Full Chart distinction**
  - Song map = what we're actually singing this time (e.g., V1, C, V2, C, Bridge 3x, C)
  - Full chart = all available sections (all verses, bridges, choruses)
  - May decide to sing sections differently than written (bridge 3x instead of 1x as imported)
  - May skip verses selectively (V1, V2, V4 - skipping V3, like hymnal singing)
  - Useful for long songs or traditional songs (Christmas carols)

- **Section repetition tracking**
  - Need to indicate in song map when sections repeat more than once
  - Bridge might be sung 3x instead of default 1x
  - This is a performance decision, not permanent chart change

- **Selective verse inclusion**
  - All verses stored in chart
  - Song map determines which verses are sung
  - Traditional/hymnal pattern: sing verses 1, 2, and 4 (common pattern)

Visual Display Options

- **Show/hide unused sections**
  - Option to hide verses not in current song map
  - Toggle visibility of skipped sections
  - Keeps chart cleaner during performance

- **Notes display preferences**
  - Toggle notes on/off (individual preference)
  - Some want notes for practice but not performance
  - Some want notes always visible
  - Personal preference per user

- **Chord/number formatting**
  - Change color of chords/Nashville numbers above lyrics
  - Adjust boldness/weight of chord display
  - Visual customization for readability preferences
  - Personal styling per user

Annotation & Personalization

- **User-added notes/annotations**
  - Reference: Planning Center's "Music Stand" app feature
  - Allows writing on charts (typing or drawing with finger/stylus)
  - Could be implemented as typed comments below/within song sections
  - If using ChordPro rendering on iPad, annotations could be interspersed text

- **Drawing/markup support**
  - Finger or stylus drawing capability
  - Digital pen input for tablets
  - Freeform annotations

Chord/Number Notation Options
- **Notation system preference**
  - Standard chord notation (G, C, D, Em, etc.)
  - Nashville Number System option (1, 4, 5, 6m, etc.)
  - User preference toggle between systems
  - Some musicians prefer numbers over chord names

Technical Considerations
- **ChordPro rendering mentioned**
  - If using ChordPro format for chart rendering
  - Could enable easier annotation integration
  - Works well on iPad/tablet interfaces

Summary of Key Features to Consider

Song Map Management:
- Track intended performance flow vs. full chart
- Indicate section repetitions (3x, 2x, etc.)
- Selective verse inclusion

Display Preferences:
- Hide/show unused sections
- Toggle notes visibility
- Chord/number color customization
- Chord/number boldness adjustment
- Personal view customization

Annotation System:
- Typed notes
- Drawing/markup
- Per-user customization
- Positioned within chart sections

Notation Options:
- Chord names vs. Nashville numbers
- User preference setting
- Visual styling (color, boldness)