

Hours Panel Visual Guide for DUN

A detailed visual reference accompanying the **Hours Panel Features** requirements. This guide describes every UI element, color, spacing, and interactive behavior for the day scheduler, using established DUN design language (accent color, transparency levels, fade timings) so that a coding AI can implement the panel accurately.

1. Container & Banner Alignment

- **Container:** All scheduler content is inside the central wrapper (`#dun-app`), centered with:

```
margin: 0 auto;  
max-width: 90vw;  
max-width: 1200px;  
padding: 0 1.5rem;
```

On screens $\leq 600\text{px}$, padding shrinks to `0 .75rem`.

- **Banner** sits fixed at top:
 - Height: `56px`; background `#212121`; full width; box-shadow `0 2px 4px rgba(0,0,0,0.5)`.
 - Logo left, inputs and filter on right (same as Tasks Panel styling).
 - Content below scrolls under banner; banner opacity remains 100%.
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2. Timeline Header

- Directly below banner, centered heading:
 - **Clock icon** + "Hours" text in accent `#00CE77`, font-size `1.5rem`, margin-top `64px` to clear banner.
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3. Hour Grid Layout

- Vertical column spanning **12 AM** → **12 AM** (48 half-hour rows).
 - **Hour lines:** `1px solid #333333` at each full hour; **HALF-hour lines:** `1px dashed #2a2a2a`.
 - **Left labels:** plain numbers (`12`, `1`, `2` ...) vertically aligned with full-hour lines; font-size `0.875rem`; color `#dddddd`; **bold** for PM labels.
 - Row height: `1.5rem` per 30-minute block.
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4. Task Blocks

- **Creation:** blocks appear at the clicked time slot, width spans full timeline minus gutter.
- **Fill:** solid accent background `rgba(0, 206, 247, 0.85)`; white text; border-radius `4px`.
- **Text:** left padding `0.5rem`; font-size `1rem`; white; `text-overflow: ellipsis`; `max-width: calc(100% - 2rem)`.
- **Hover:** block fill brightens by 20% (via `filter: brightness(1.2)`).
- **Drag placeholder:** uses accent at 30% opacity, dashed border `2px dashed #00CEF7`.
- **Selected** (during drag): outline `2px solid #00CEF7`, 100% fill.
- **Delete icon:** small `×` in block's top-right; size `1rem`; color white at 80% opacity; on hover 100%.

5. Resize Handle

- **Position:** bottom edge of each block, full width of block.
- **Appearance:** `4px` high strip of accent color `#00CEF7` at bottom, inside block.
- **Cursor:** `ns-resize` on hover.
- **Interaction:** dragging up/down resizes in 15-min increments; handle highlight = accent at 100% with slight glow.

6. Current-Time Indicator

- **Line:** `1px solid #00CEF7` spanning full width.
- **Icon:** clock (`fa-clock`) in accent, diameter `1.25rem`, positioned just outside right edge of grid.
- **Position:** aligned to the nearest minute row; moves every minute by `setInterval`.
- **Auto-scroll:** if line moves out of viewport, panel scrolls to recenter it.

7. Limit Lines

- Two persistent lines:
- **STOP** at 6:00 PM
- **SLEEP** at 11:00 PM

Characteristic	Details
Thickness	3× the normal hour-line width
Pattern	diagonal stripes (CSS repeating-linear-gradient at 45°) over accent <code>#00CEF7</code>
Icon	octagon with <code>STOP</code> text and pill icon for Sleep (<code>ZZZ</code>); size <code>1.25rem</code> , accent fill
Remaining Time	small text (<code>0.875rem</code>) in accent, e.g. "9 h 30 m" just to the right of the icon

Characteristic	Details
Drag Handle	the icon itself is draggable; on hover changes to <code>ns-resize</code> ; dragging snaps 15 min
Overlap	blocks cannot be drawn past these lines; overlap attempt flashes block red then reverts.

8. Visual Feedback & Animations

- **Hover Effects:**
 - Blocks lighten by 20% on hover.
 - Icons (delete, current-time, limit handles) fade in (`0.2s`) and fade out (`0.5s`) when mouse enters/exits.
- **Flash Animation:**
 - On overlap rejection, block border glows red (`rgba(255,0,0,0.8)`) for 400 ms, then returns.
- **Smooth Transitions:**
 - All movements and resizes animate over `150ms` ease-in-out.

End of Hours Panel Visual Guide