

Code Explanation: app.js

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Block 1 (lines 1-1)

L1: ?const desktop = document.getElementById('desktop');

Explanation: JavaScript logic block.

Block 2 (lines 2-2)

L2: const windows = Array.from(document.querySelectorAll('.window'));

Explanation: JavaScript logic block.

Block 3 (lines 3-3)

L3: const dockButtons = Array.from(document.querySelectorAll('.dock-icon'));

Explanation: JavaScript logic block.

Block 4 (lines 4-4)

L4: const desktopIcons = Array.from(document.querySelectorAll('.desktop-icon'));

Explanation: JavaScript logic block.

Block 5 (lines 5-5)

L5: const menuToggle = document.getElementById('menu-toggle');

Explanation: Top menu dropdown logic (open/close, escape, outside click).

Block 6 (lines 6-6)

L6: const menuDropdown = document.getElementById('menu-dropdown');

Explanation: Top menu dropdown logic (open/close, escape, outside click).

Block 7 (lines 7-7)

L7: const menuRoot = document.querySelector('.menu-root');

Explanation: JavaScript logic block.

Block 8 (lines 8-8)

L8: const menuOptions = Array.from(document.querySelectorAll('.menu-option'));

Explanation: Menu actions that open About, Settings, or Portfolio windows.

Block 9 (lines 9-9)

L9: const appearanceOptions = Array.from(document.querySelectorAll('.appearance-option'));

Explanation: JavaScript logic block.

Block 10 (lines 10-10)

L10: const backgroundOptions = Array.from(document.querySelectorAll('.bg-option'));

Explanation: Desktop background switching from Settings tiles.

Block 11 (lines 12-12)

L12: let zIndexCounter = 10;

Explanation: JavaScript logic block.

Block 12 (lines 14-16)

L14: if (desktop) {

L15: desktop.dataset.bg = desktop.dataset.bg || 'beach';

L16: }

Explanation: JavaScript logic block.

Block 13 (lines 18-21)

L18: const bringToFront = (win) => {

L19: zIndexCounter += 1;

L20: win.style.zIndex = zIndexCounter;

L21: };

Explanation: Function to raise a window above others (z-index management).

Block 14 (lines 23-29)

L23: const setDockActive = (id, isActive) => {

L24: dockButtons.forEach((button) => {

L25: if (button.dataset.window === id) {

L26: button.classList.toggle('active', isActive);

L27: }

L28: });

L29: };

Explanation: JavaScript logic block.

Block 15 (lines 31-41)

L31: const openWindow = (id) => {

L32: const win = document.getElementById(id);

L33: if (!win) {

L34: return;

```
L35: }
L36: win.classList.add('is-open');
L37: win.classList.remove('is-minimized');
L38: win.setAttribute('aria-hidden', 'false');
L39: bringToFront(win);
L40: setDockActive(id, true);
L41: };
```

Explanation: Function to raise a window above others (z-index management).

Block 16 (lines 43-47)

```
L43: const closeWindow = (win) => {
L44: win.classList.remove('is-open', 'is-minimized', 'is-maximized');
L45: win.setAttribute('aria-hidden', 'true');
L46: setDockActive(win.id, false);
L47: };
```

Explanation: JavaScript logic block.

Block 17 (lines 49-52)

```
L49: const minimizeWindow = (win) => {
L50: win.classList.add('is-minimized');
L51: setDockActive(win.id, true);
L52: };
```

Explanation: JavaScript logic block.

Block 18 (lines 54-56)

```
L54: const toggleMaximize = (win) => {
L55: win.classList.toggle('is-maximized');
L56: };
```

Explanation: JavaScript logic block.

Block 19 (lines 58-80)

```
L58: windows.forEach((win) => {
L59: win.addEventListener('mousedown', () => bringToFront(win));
L60: const titlebar = win.querySelector('.window-titlebar');
L61: if (titlebar) {
L62: titlebar.addEventListener('mousedown', (event) => startDrag(event, win));
L63: }
L65: win.querySelectorAll('[data-action]').forEach((button) => {
L66: button.addEventListener('click', (event) => {
L67: event.stopPropagation();
L68: const action = button.dataset.action;
L69: if (action === 'close') {
L70: closeWindow(win);
L71: }
L72: if (action === 'minimize') {
L73: minimizeWindow(win);
L74: }
L75: if (action === 'maximize') {
L76: toggleMaximize(win);
L77: }
L78: });
L79: });
L80: });
```

Explanation: Function to raise a window above others (z-index management).

Block 20 (lines 82-84)

```
L82: desktopIcons.forEach((icon) => {
L83: icon.addEventListener('dblclick', () => openWindow(icon.dataset.window));
L84: });
```

Explanation: Double-click desktop icons to open corresponding windows.

Block 21 (lines 86-101)

```
L86: dockButtons.forEach((button) => {
L87: button.addEventListener('click', () => {
L88: const id = button.dataset.window;
L89: const win = document.getElementById(id);
```

```

L90:   if (!win) {
L91:     return;
L92:   }
L93:   const isOpen = win.classList.contains('is-open');
L94:   const isMinimized = win.classList.contains('is-minimized');
L95:   if (isOpen && !isMinimized) {
L96:     minimizeWindow(win);
L97:     return;
L98:   }
L99:   openWindow(id);
L100: });
L101: });

```

Explanation: Dock click behavior to open or minimize windows.

Block 22 (lines 103-109)

```

L103: const closeMenu = () => {
L104:   if (!menuDropdown || !menuToggle) {
L105:     return;
L106:   }
L107:   menuDropdown.classList.remove('is-open');
L108:   menuToggle.setAttribute('aria-expanded', 'false');
L109: };

```

Explanation: Top menu dropdown logic (open/close, escape, outside click).

Block 23 (lines 111-129)

```

L111: if (menuToggle && menuDropdown) {
L112:   menuToggle.addEventListener('click', (event) => {
L113:     event.stopPropagation();
L114:     const isOpen = menuDropdown.classList.toggle('is-open');
L115:     menuToggle.setAttribute('aria-expanded', String(isOpen));
L116:   });
L118: document.addEventListener('click', (event) => {
L119:   if (menuRoot && !menuRoot.contains(event.target)) {
L120:     closeMenu();
L121:   }
L122: });
L124: document.addEventListener('keydown', (event) => {
L125:   if (event.key === 'Escape') {
L126:     closeMenu();
L127:   }
L128: });
L129: }

```

Explanation: Top menu dropdown logic (open/close, escape, outside click).

Block 24 (lines 131-145)

```

L131: menuOptions.forEach((option) => {
L132:   option.addEventListener('click', () => {
L133:     const action = option.dataset.menuAction;
L134:     if (action === 'settings') {
L135:       openWindow('window-settings');
L136:     }
L137:     if (action === 'about') {
L138:       openWindow('window-about');
L139:     }
L140:     if (action === 'portfolio') {
L141:       openWindow('window-computer');
L142:     }
L143:     closeMenu();
L144:   });
L145: });

```

Explanation: Menu actions that open About, Settings, or Portfolio windows.

Block 25 (lines 147-147)

```

L147: let dragState = null;

```

Explanation: JavaScript logic block.

Block 26 (lines 149-169)

```
L149: const startDrag = (event, win) => {  
L150:   if (event.button !== 0) {  
L151:     return;  
L152:   }  
L153:   if (win.classList.contains('is-maximized')) {  
L154:     return;  
L155:   }  
L156:   if (event.target.closest('.window-controls')) {  
L157:     return;  
L158:   }  
L159:   event.preventDefault();  
L160:   const deskRect = desktop.getBoundingClientRect();  
L161:   const winRect = win.getBoundingClientRect();  
L162:   dragState = {  
L163:     win,  
L164:     deskRect,  
L165:     offsetX: event.clientX - winRect.left,  
L166:     offsetY: event.clientY - winRect.top  
L167:   };  
L168:   bringToFront(win);  
L169: };
```

Explanation: Function to raise a window above others (z-index management).

Block 27 (lines 171-184)

```
L171: const dragMove = (event) => {  
L172:   if (!dragState) {  
L173:     return;  
L174:   }  
L175:   const { win, deskRect, offsetX, offsetY } = dragState;  
L176:   const maxX = deskRect.width - win.offsetWidth - 10;  
L177:   const maxY = deskRect.height - win.offsetHeight - 10;  
L178:   let nextX = event.clientX - deskRect.left - offsetX;  
L179:   let nextY = event.clientY - deskRect.top - offsetY;  
L180:   nextX = Math.max(10, Math.min(nextX, maxX));  
L181:   nextY = Math.max(60, Math.min(nextY, maxY));  
L182:   win.style.left = `${nextX}px`;  
L183:   win.style.top = `${nextY}px`;  
L184: };
```

Explanation: Window drag-and-drop behavior with boundary constraints.

Block 28 (lines 186-188)

```
L186: const stopDrag = () => {  
L187:   dragState = null;  
L188: };
```

Explanation: JavaScript logic block.

Block 29 (lines 190-190)

```
L190: window.addEventListener('mousemove', dragMove);
```

Explanation: Window drag-and-drop behavior with boundary constraints.

Block 30 (lines 191-191)

```
L191: window.addEventListener('mouseup', stopDrag);
```

Explanation: JavaScript logic block.

Block 31 (lines 193-193)

```
L193: const clockEl = document.getElementById('clock');
```

Explanation: JavaScript logic block.

Block 32 (lines 195-205)

```
L195: const updateClock = () => {  
L196:   const now = new Date();  
L197:   const weekday = now.toLocaleString('en-US', { weekday: 'short' }).toUpperCase();  
L198:   const month = now.toLocaleString('en-US', { month: 'short' }).toUpperCase();  
L199:   const day = now.getDate();
```

```
L200: let hours = now.getHours();
L201: const minutes = now.getMinutes().toString().padStart(2, '0');
L202: const ampm = hours >= 12 ? 'PM' : 'AM';
L203: hours = hours % 12 || 12;
L204: clockEl.textContent = `${weekday} ${month} ${day} ${hours}:${minutes} ${ampm}`;
L205: };
```

Explanation: Live clock formatting and update interval.

Block 33 (lines 207-207)

```
L207: updateClock();
```

Explanation: Live clock formatting and update interval.

Block 34 (lines 208-208)

```
L208: setInterval(updateClock, 60000);
```

Explanation: Live clock formatting and update interval.

Block 35 (lines 210-210)

```
L210: const computerBreadcrumb = document.getElementById('computer-breadcrumb');
```

Explanation: JavaScript logic block.

Block 36 (lines 211-211)

```
L211: const computerList = document.getElementById('computer-list');
```

Explanation: JavaScript logic block.

Block 37 (lines 212-212)

```
L212: const computerPreview = document.getElementById('computer-preview');
```

Explanation: JavaScript logic block.

Block 38 (lines 213-213)

```
L213: const computerBack = document.getElementById('computer-back');
```

Explanation: JavaScript logic block.

Block 39 (lines 214-214)

```
L214: const sidebarButtons = Array.from(document.querySelectorAll('.sidebar-item'));
```

Explanation: JavaScript logic block.

Block 40 (lines 216-336)

```
L216: const computerViews = {
```

```
L217:   portfolio: {
```

```
L218:     label: 'Portfolio',
```

```
L219:     items: [
```

```
L220:       { title: 'Projects', openView: 'projects' },
```

```
L221:       { title: 'Lab', openView: 'lab' },
```

```
L222:       { title: 'Resources', openView: 'resources' },
```

```
L223:       { title: 'About', openView: 'about' },
```

```
L224:       { title: 'Contact', openView: 'contact' },
```

```
L225:       { title: 'Work Experience', openView: 'experience' }
L226:     ]
```

```
L227:   },
```

```
L228:   projects: {
```

```
L229:     label: 'Projects',
```

```
L230:     items: [
```

```
L231:       {
```

```
L232:         title: 'Sibarita',
```

```
L233:         subtitle: 'Brand identity system',
```

```
L234:         description: 'Full brand system with packaging, tone of voice, and digital
rollout. Retro meets modern with playful color and bold typography.',
```

```
L235:         tags: ['Branding', 'Packaging', 'Digital']
```

```
L236:       },
```

```
L237:       {
```

```
L238:         title: 'Neon Dunes',
```

```
L239:         subtitle: 'UX refresh',
```

```
L240:         description: 'UX polish for a travel platform focused on clarity, search, and
moments of delight across mobile and desktop.',
```

```
L241:         tags: ['UX', 'UI', 'Research']
```

```
L242:       },
```

```
L243:     ],
```

```
L244:     title: 'Bytewave',
```

L245: subtitle: 'Web experience',
L246: description: 'Landing page design and animation system for a Web3 music label with
a synthwave aesthetic.',
L247: tags: ['Web', 'Motion', 'Brand']
L248: },
L249: {
L250: title: 'Studio Vela',
L251: subtitle: 'Portfolio site',
L252: description: 'Custom portfolio with modular case studies, lightweight CMS, and
playful transitions.',
L253: tags: ['Web', 'System', 'CMS']
L254: },
L255: {
L256: title: 'Horizon',
L257: subtitle: 'Product design',
L258: description: 'Reimagined onboarding and dashboards for a productivity app used by
remote teams.',
L259: tags: ['Product', 'UI', 'Strategy']
L260: }
L261:]
L262: },
L263: lab: {
L264: label: 'Lab',
L265: items: [
L266: {
L267: title: 'Pixel Map',
L268: subtitle: 'Experimental prototype',
L269: description: 'A playful map interface that reacts to sound and scroll to reveal
hidden layers.',
L270: tags: ['Prototype', 'Interaction']
L271: },
L272: {
L273: title: 'Arcade Nav',
L274: subtitle: 'Menu concept',
L275: description: 'Navigation UI inspired by classic arcade cabinets with neon states
and chime sounds.',
L276: tags: ['Concept', 'UI']
L277: }
L278:]
L279: },
L280: resources: {
L281: label: 'Resources',
L282: items: [
L283: {
L284: title: 'Design System',
L285: subtitle: 'Components',
L286: description: 'Tokens, grids, iconography, and type ramp for fast, consistent UI
work.',
L287: tags: ['System', 'UI']
L288: },
L289: {
L290: title: 'Case Study Kit',
L291: subtitle: 'Templates',
L292: description: 'Case study layouts, storytelling prompts, and motion templates for
portfolio updates.',
L293: tags: ['Docs', 'Templates']
L294: }
L295:]
L296: },
L297: about: {

```

L298:   label: 'About',
L299:   items: [
L300:     {
L301:       title: 'Profile',
L302:       subtitle: 'Creative director',
L303:       description: 'I design bold digital experiences, combining nostalgic references
        with modern usability.',
L304:       tags: ['Bio', 'Vision']
L305:     }
L306:   ],
L307: },
L308: contact: {
L309:   label: 'Contact',
L310:   items: [
L311:     {
L312:       title: 'Email',
L313:       subtitle: 'hello@example.com',
L314:       description: 'Swap this with your real email, social links, and location
        details.',
L315:       tags: ['Email', 'Social']
L316:     }
L317:   ],
L318: },
L319: experience: {
L320:   label: 'Work Experience',
L321:   items: [
L322:     {
L323:       title: 'Lead Designer',
L324:       subtitle: 'Sunset Lab (2021 - Now)',
L325:       description: 'Led a small team delivering identity systems and playful product
        experiences.',
L326:       tags: ['Leadership', 'Brand']
L327:     },
L328:     {
L329:       title: 'UX Designer',
L330:       subtitle: 'Aether Co (2017 - 2021)',
L331:       description: 'Owned the design system and collaborated across product,
        engineering, and research.',
L332:       tags: ['Product', 'Systems']
L333:     }
L334:   ],
L335: },
L336: };

```

Explanation: Data model for My Computer sections and file preview content.

Block 41 (lines 338-338)

```
L338: let viewStack = ['portfolio'];
```

Explanation: JavaScript logic block.

Block 42 (lines 340-377)

```

L340: const renderComputerView = () => {
L341:   const viewId = viewStack[viewStack.length - 1];
L342:   const view = computerViews[viewId];
L343:   if (!view) {
L344:     return;
L345:   }
L347:   computerBreadcrumb.textContent = viewStack
L348:     .map((id) => computerViews[id].label.toUpperCase())
L349:     .join(' / ');
L351:   computerBack.disabled = viewStack.length <= 1;
L353:   computerList.innerHTML = "";
L354:   computerPreview.innerHTML = '<div class="empty-state">SELECT A FILE TO PREVIEW</div>';

```

```

L356: view.items.forEach((item) => {
L357:   const button = document.createElement('button');
L358:   button.type = 'button';
L359:   button.className = 'file-item';
L360:   button.innerHTML = '<svg class="icon small"><use href="#icon-
      folder"></use></svg><span>${item.title}</span>';
L362:   button.addEventListener('click', () => {
L363:     const currentItems = Array.from(computerList.querySelectorAll('.file-item'));
L364:     currentItems.forEach((node) => node.classList.remove('active'));
L365:     button.classList.add('active');
L367:     if (item.openView) {
L368:       viewStack.push(item.openView);
L369:       renderComputerView();
L370:       return;
L371:     }
L372:     showComputerPreview(viewId, item);
L373:   });
L375:   computerList.appendChild(button);
L376: });
L377: };

```

Explanation: Data model for My Computer sections and file preview content.

Block 43 (lines 379-396)

```

L379: const showComputerPreview = (viewId, item) => {
L380:   const tags = item.tags
L381:     ? '<div class="tags">${item.tags
L382:       .map((tag) => '<span class="tag">${tag.toUpperCase()}</span>')
L383:       .join("")}</div>'
L384:     : '';
L386:   computerPreview.innerHTML = `
L387:     <h3 class="pixel-title">${item.title.toUpperCase()}</h3>
L388:     <p class="muted">${item.subtitle || ""}</p>
L389:     <p>${item.description || ""}</p>
L390:     ${tags}
L391:   `;
L393:   computerBreadcrumb.textContent = `${viewStack
L394:     .map((id) => computerViews[id].label.toUpperCase())
L395:     .join(' / ')} / ${item.title.toUpperCase()}`;
L396: };

```

Explanation: Data model for My Computer sections and file preview content.

Block 44 (lines 398-409)

```

L398: sidebarButtons.forEach((button) => {
L399:   button.addEventListener('click', () => {
L400:     const target = button.dataset.section;
L401:     if (!computerViews[target]) {
L402:       return;
L403:     }
L404:     sidebarButtons.forEach((node) => node.classList.remove('active'));
L405:     button.classList.add('active');
L406:     viewStack = [target];
L407:     renderComputerView();
L408:   });
L409: });

```

Explanation: Data model for My Computer sections and file preview content.

Block 45 (lines 411-416)

```

L411: computerBack.addEventListener('click', () => {
L412:   if (viewStack.length > 1) {
L413:     viewStack.pop();
L414:     renderComputerView();
L415:   }
L416: });

```


Explanation: Renders file lists, breadcrumbs, and preview content in My Computer.

Block 46 (lines 418-418)

```
L418: renderComputerView();
```

Explanation: Renders file lists, breadcrumbs, and preview content in My Computer.

Block 47 (lines 420-425)

```
L420: const applyTheme = (theme) => {
```

```
L421:   if (!document.body) {
```

```
L422:     return;
```

```
L423:   }
```

```
L424:   document.body.dataset.theme = theme;
```

```
L425: };
```

Explanation: JavaScript logic block.

Block 48 (lines 427-427)

```
L427: const initialThemeButton = appearanceOptions.find((button) =>
      button.classList.contains('active'));
```

Explanation: JavaScript logic block.

Block 49 (lines 428-428)

```
L428: applyTheme((initialThemeButton && initialThemeButton.dataset.theme) || 'light');
```

Explanation: JavaScript logic block.

Block 50 (lines 430-436)

```
L430: appearanceOptions.forEach((button) => {
```

```
L431:   button.addEventListener('click', () => {
```

```
L432:     appearanceOptions.forEach((item) => item.classList.remove('active'));
```

```
L433:     button.classList.add('active');
```

```
L434:     applyTheme(button.dataset.theme || 'light');
```

```
L435:   });
```

```
L436: });
```

Explanation: Theme toggling (light/dark) from Settings.

Block 51 (lines 438-446)

```
L438: backgroundOptions.forEach((button) => {
```

```
L439:   button.addEventListener('click', () => {
```

```
L440:     backgroundOptions.forEach((item) => item.classList.remove('active'));
```

```
L441:     button.classList.add('active');
```

```
L442:     if (desktop) {
```

```
L443:       desktop.dataset.bg = button.dataset.bg || 'beach';
```

```
L444:     }
```

```
L445:   });
```

```
L446: });
```

Explanation: Desktop background switching from Settings tiles.

Block 52 (lines 448-448)

```
L448: const paintCanvas = document.getElementById('paint-canvas');
```

Explanation: Paint app drawing logic, including resize and clearing.

Block 53 (lines 449-449)

```
L449: const paintColor = document.getElementById('paint-color');
```

Explanation: JavaScript logic block.

Block 54 (lines 450-450)

```
L450: const paintSize = document.getElementById('paint-size');
```

Explanation: JavaScript logic block.

Block 55 (lines 451-451)

```
L451: const paintClear = document.getElementById('paint-clear');
```

Explanation: JavaScript logic block.

Block 56 (lines 453-503)

```
L453: if (paintCanvas) {
```

```
L454:   const ctx = paintCanvas.getContext('2d');
```

```
L455:   let drawing = false;
```

```
L457:   const resizeCanvas = () => {
```

```
L458:     const rect = paintCanvas.getBoundingClientRect();
```

```
L459:     const scale = window.devicePixelRatio || 1;
```

```
L460:     paintCanvas.width = rect.width * scale;
```

```
L461:     paintCanvas.height = rect.height * scale;
```

```

L462:   ctx.setTransform(1, 0, 0, 1, 0, 0);
L463:   ctx.scale(scale, scale);
L464:   ctx.fillStyle = 'ffffff';
L465:   ctx.fillRect(0, 0, rect.width, rect.height);
L466: };
L468:   resizeCanvas();
L469:   window.addEventListener('resize', resizeCanvas);
L471:   const startDraw = (event) => {
L472:     drawing = true;
L473:     ctx.beginPath();
L474:     ctx.moveTo(event.offsetX, event.offsetY);
L475:   };
L477:   const draw = (event) => {
L478:     if (!drawing) {
L479:       return;
L480:     }
L481:     ctx.lineTo(event.offsetX, event.offsetY);
L482:     ctx.strokeStyle = paintColor.value;
L483:     ctx.lineWidth = Number(paintSize.value);
L484:     ctx.lineCap = 'round';
L485:     ctx.lineJoin = 'round';
L486:     ctx.stroke();
L487:   };
L489:   const endDraw = () => {
L490:     drawing = false;
L491:     ctx.closePath();
L492:   };
L494:   paintCanvas.addEventListener('mousedown', startDraw);
L495:   paintCanvas.addEventListener('mousemove', draw);
L496:   paintCanvas.addEventListener('mouseup', endDraw);
L497:   paintCanvas.addEventListener('mouseleave', endDraw);
L499:   paintClear.addEventListener('click', () => {
L500:     ctx.clearRect(0, 0, paintCanvas.width, paintCanvas.height);
L501:     resizeCanvas();
L502:   });
L503: }

```

Explanation: Paint app drawing logic, including resize and clearing.

Block 57 (lines 505-505)

```
L505: const musicTitle = document.getElementById('music-title');
```

Explanation: Music player behavior: station selection, play/pause, volume display.

Block 58 (lines 506-506)

```
L506: const musicSubtitle = document.getElementById('music-subtitle');
```

Explanation: JavaScript logic block.

Block 59 (lines 507-507)

```
L507: const musicPlay = document.getElementById('music-play');
```

Explanation: JavaScript logic block.

Block 60 (lines 508-508)

```
L508: const volumeSlider = document.getElementById('music-volume');
```

Explanation: JavaScript logic block.

Block 61 (lines 509-509)

```
L509: const volumePercent = document.getElementById('music-volume-percent');
```

Explanation: JavaScript logic block.

Block 62 (lines 510-510)

```
L510: const stationButtons = Array.from(document.querySelectorAll('.station-item'));
```

Explanation: Music player behavior: station selection, play/pause, volume display.

Block 63 (lines 512-512)

```

L512: let activeStation = stationButtons.find((button) => button.classList.contains('active'))
      || stationButtons[0];

```

Explanation: Music player behavior: station selection, play/pause, volume display.

Block 64 (lines 513-513)

L513: let isPlaying = true;

Explanation: JavaScript logic block.

Block 65 (lines 515-529)

L515: const updateMusicUI = () => {

L516: if (activeStation && musicTitle && musicSubtitle) {

L517: musicTitle.textContent = activeStation.dataset.track || 'UNKNOWN';

L518: musicSubtitle.textContent = activeStation.dataset.genre || 'RADIO';

L519: }

L520: if (musicPlay) {

L521: musicPlay.textContent = isPlaying ? '||' : '>';

L522: }

L523: stationButtons.forEach((button) => {

L524: button.classList.toggle('is-playing', isPlaying && button === activeStation);

L525: });

L526: if (volumeSlider && volumePercent) {

L527: volumePercent.textContent = `\${volumeSlider.value}%`;

L528: }

L529: };

Explanation: Music player behavior: station selection, play/pause, volume display.

Block 66 (lines 531-539)

L531: stationButtons.forEach((button) => {

L532: button.addEventListener('click', () => {

L533: stationButtons.forEach((item) => item.classList.remove('active'));

L534: button.classList.add('active');

L535: activeStation = button;

L536: isPlaying = true;

L537: updateMusicUI();

L538: });

L539: });

Explanation: Music player behavior: station selection, play/pause, volume display.

Block 67 (lines 541-546)

L541: if (musicPlay) {

L542: musicPlay.addEventListener('click', () => {

L543: isPlaying = !isPlaying;

L544: updateMusicUI();

L545: });

L546: }

Explanation: JavaScript logic block.

Block 68 (lines 548-550)

L548: if (volumeSlider) {

L549: volumeSlider.addEventListener('input', updateMusicUI);

L550: }

Explanation: JavaScript logic block.

Block 69 (lines 552-552)

L552: updateMusicUI();

Explanation: JavaScript logic block.

Block 70 (lines 554-554)

L554: openWindow('window-computer');

Explanation: Initializes the UI by opening the main window.