

A11y Insights Web App — UI Design Overview

This document summarizes all the **UI screens** designed for the A11y Insights application, focusing on a dark professional theme optimized for accessibility testers, developers, and managers.

Design Goals

- Professional dark theme with blue highlights
 - Fully accessible (WCAG 2.2 AA compliant)
 - Keyboard navigable and screen reader friendly
 - Developer-focused layout with actionable sections
 - Consistent Inter font with high contrast and modern UI
-

Dashboard Screen

Purpose:

To provide an overview of all accessibility reports, insights, and metrics at a glance.

Layout Overview:

- **Top Bar:** Logo (A11y Insights), search field, and profile/settings icon
- **Sidebar Navigation:** Dashboard, Upload/Analyze, Reports, Settings
- **Main Section:**
 - **Summary Cards:** Total Reports, Open Issues, Last Analysis Run
 - **Recent Reports Table:** Columns for Report Title, Date, Platform, Issues Found, and Status

Accessibility Considerations:

- High color contrast ($\geq 4.5:1$)
 - Visible keyboard focus states
 - ARIA roles for cards and tables
 - Semantic HTML structure
-

Upload / Analyze Screen

Purpose:

To let users input accessibility analysis data either by **JIRA Ticket** or **User Story**.

Layout Overview:

- **Top Toggle:** Analyze via JIRA Ticket | Analyze via User Story
- **Form Fields (JIRA Mode):**
 - Ticket ID (*required*)
 - Summary, Description (*optional*)

- Collapsible Metadata section with Project, Pillar, Team, Assignee, Fix Version, Priority
- **Button:** Analyze Ticket (high contrast blue)
- **Form Fields (User Story Mode):**
- User Story Title, Description, Acceptance Criteria
- Optional Metadata: Platform, Priority, Sprint, Labels
- **Button:** Run Accessibility Analysis

Accessibility Considerations:

- Labeled form inputs and ARIA descriptions
- Large clickable areas
- Keyboard shortcuts: Alt+J / Alt+U for toggle modes

Reports Screen

Purpose:

To display a list of all generated accessibility reports and allow quick actions.

Layout Overview:

- **Top Bar:** Logo, Search, Profile Icon
- **Sidebar Navigation:** Dashboard, Upload/Analyze, Reports (*active*), Settings
- **Main Table:**
- Columns: Report Title, Ticket ID, Platform, Date, Issues Found, Status
- **Action Buttons (per row):** View Results, Edit, Export, Add to JIRA

Accessibility Considerations:

- Proper table semantics with headers and ARIA roles
- Focus outlines and hover indicators
- Action buttons are keyboard navigable and screen reader labeled

Results Page

Purpose:

To display detailed accessibility report results generated in Markdown and JSON formats.

Layout Overview:

- **Breadcrumb:** Dashboard / Reports / Report Title / Ticket ID
- **Header Section:**
- Title: Accessibility Analysis — [User Story / Ticket]
- Metadata Chips: Platform, Date, Status, Ticket ID
- Action Buttons: Edit Report, Add to JIRA, Export as Markdown, Export as PDF
- **Content Toggle:** Markdown View | JSON View
- **Markdown View:**

- Displays structured accessibility report:
 - Accessibility Developer Checklist (with Intent, Examples, Implementation Tips, WCAG Reference)
 - Accessibility Acceptance Criteria (for JIRA)
- **JSON View:** Collapsible, syntax-highlighted JSON structure

Accessibility Considerations:

- ARIA-live for view toggle feedback
 - Keyboard shortcuts: Alt+M (Markdown), Alt+J (JSON), Alt+E (Edit), Alt+X (Export)
 - Semantic sectioning (<main>, <section>, <article>)
 - Resizable text and zoom-friendly
-

Overall Theme & Typography

- **Primary Color:** Blue (#1E88E5)
 - **Background:** Deep Charcoal (#0E0E0E)
 - **Cards / Panels:** #1A1A1A
 - **Text:** White and light gray with strong contrast
 - **Font:** Inter (16px base)
 - **Button Style:** Rounded corners (8px), blue glow on hover
-

Summary of User Flow

1. **Dashboard:** Overview of reports and key metrics.
 2. **Upload/Analyze:** Enter JIRA ticket or user story details to run analysis.
 3. **Reports:** View all past analyses with actions.
 4. **Results:** Review Markdown or JSON accessibility report and export/share.
-

Future Enhancements

- Search and filter reports by WCAG criterion
- Integrate AI summary for findings
- Add team collaboration and report comments
- Real-time accessibility score visualization