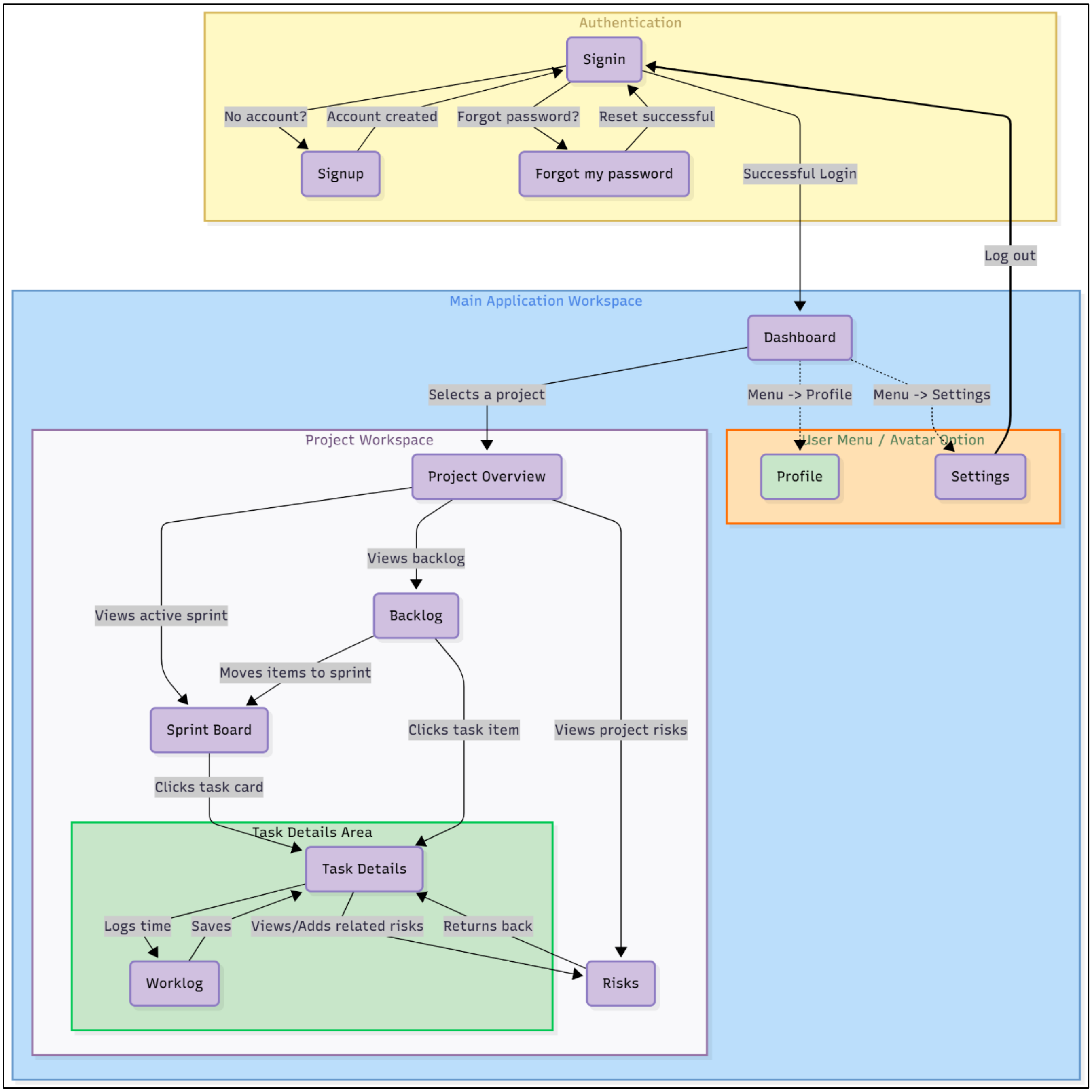
5 User Interface and User Experience Design

5.1 Screen Diagram



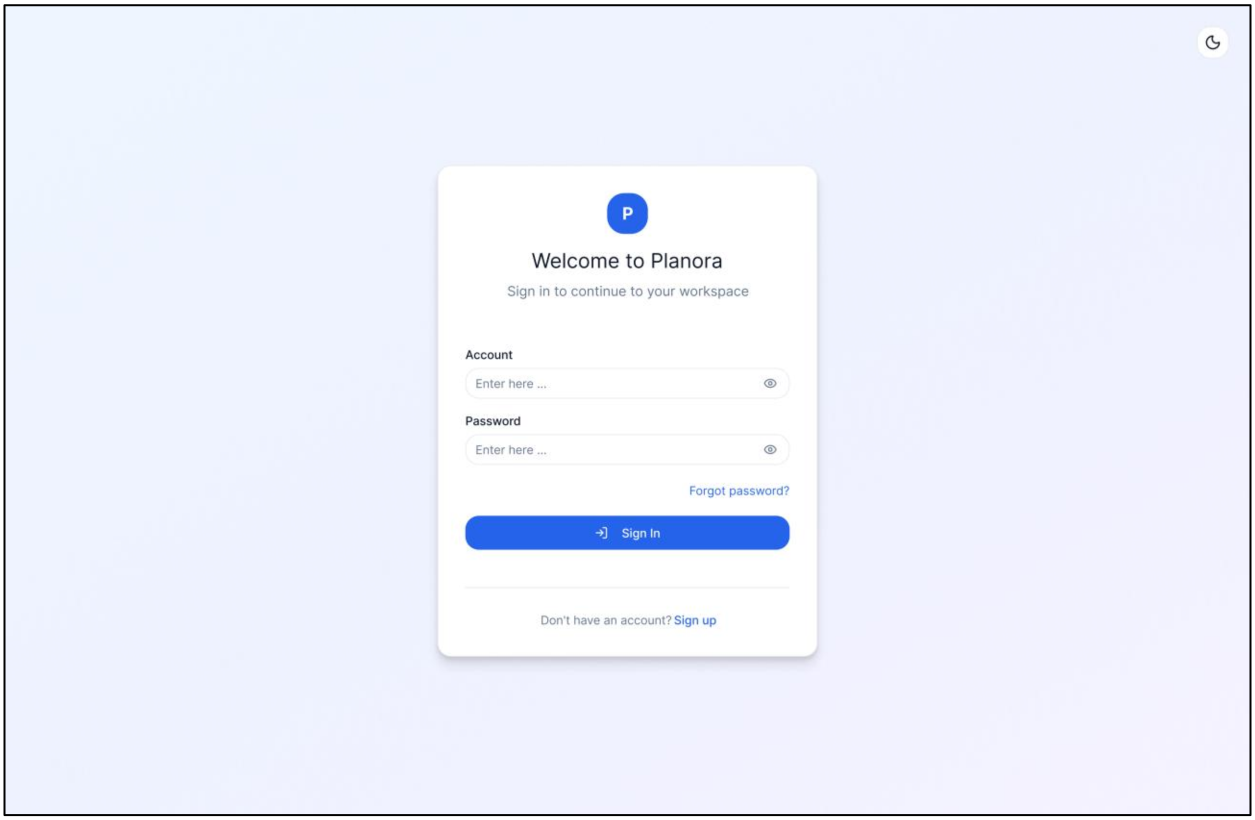
Picture: Screen Diagram

Seq	Screen	Description
1	Signin	Login interface for existing users to access the system.
2	Signup	Registration interface for new users to create an account.
3	Forgot my password	Password recovery screen for users who have lost their login credentials.
4	Dashboard	The central landing page after logging in, providing a high-level overview of all projects and general statistics.
5	Project	The overview screen for a specific project, showing summary metrics and progress.
6	Backlog	A repository for managing pending requirements, user stories, and tasks not yet assigned to an active cycle.
7	Sprint	The active board (e.g., Scrum/Kanban) displaying the status of tasks in the current iteration.
8	Task	A detailed view of a specific work item, containing descriptions, comments, attachments, and history.
9	Worklog	Interface (or modal) for users to log the time and effort spent on a specific task.
10	Risks	A management screen to track, assess, and mitigate potential risks associated with the project or tasks.
11	Profile	User profile screen displaying personal details such as avatar, name, email, and role.
12	Settings	Configuration screen for application preferences, password management, and the Log out function.

5.2 Screen Specifications

5.2.1 Login

This interface serves as the entry point for the "Planora" workspace, providing a clean, focused environment for users to authenticate or navigate to account recovery/creation.



<u>**A. Presentation Format (UI Layout)**</u>

The screen utilizes a minimalist, centered layout designed to reduce distractions and focus attention on the authentication form.

Global Layout (Background & Utilities)

- **Background:** A solid, light grayish-blue background color covering the entire viewport.
- **Theme Toggle:** A circular "Moon" icon located in the top-right corner, indicating a switch for Dark Mode.

Authentication Card (Centered Container)

- **Container:** A white, rounded rectangular card with a soft drop shadow, centered vertically and horizontally on the screen.
- **Header Section:**
  - **Logo:** A circular blue avatar with a white "P" in the center.
  - **Title:** "Welcome to Planora" (Bold, large font).
  - **Subtitle:** "Sign in to continue to your workspace" (Grey, smaller font).
- **Form Section:**
  - **Input Field 1 (Account):** Labeled "Account". Contains placeholder text "Enter here ..." and a visibility (eye) icon on the right.
  - **Input Field 2 (Password):** Labeled "Password". Contains placeholder text "Enter here ..." and a visibility (eye) icon on the right.
  - **Helper Link:** "Forgot password?" link aligned to the right, below the password field.
- **Primary Action:**
  - **Button:** A full-width, bright blue button labeled "Sign In" with a right-arrow icon (→).
- **Footer Section:**
  - **Divider:** A faint horizontal line separating the form from the footer.

Registration Prompt: Text reading "Don't have an account?" followed by a blue "Sign up" link.

B. Event Handling (Interaction Logic)

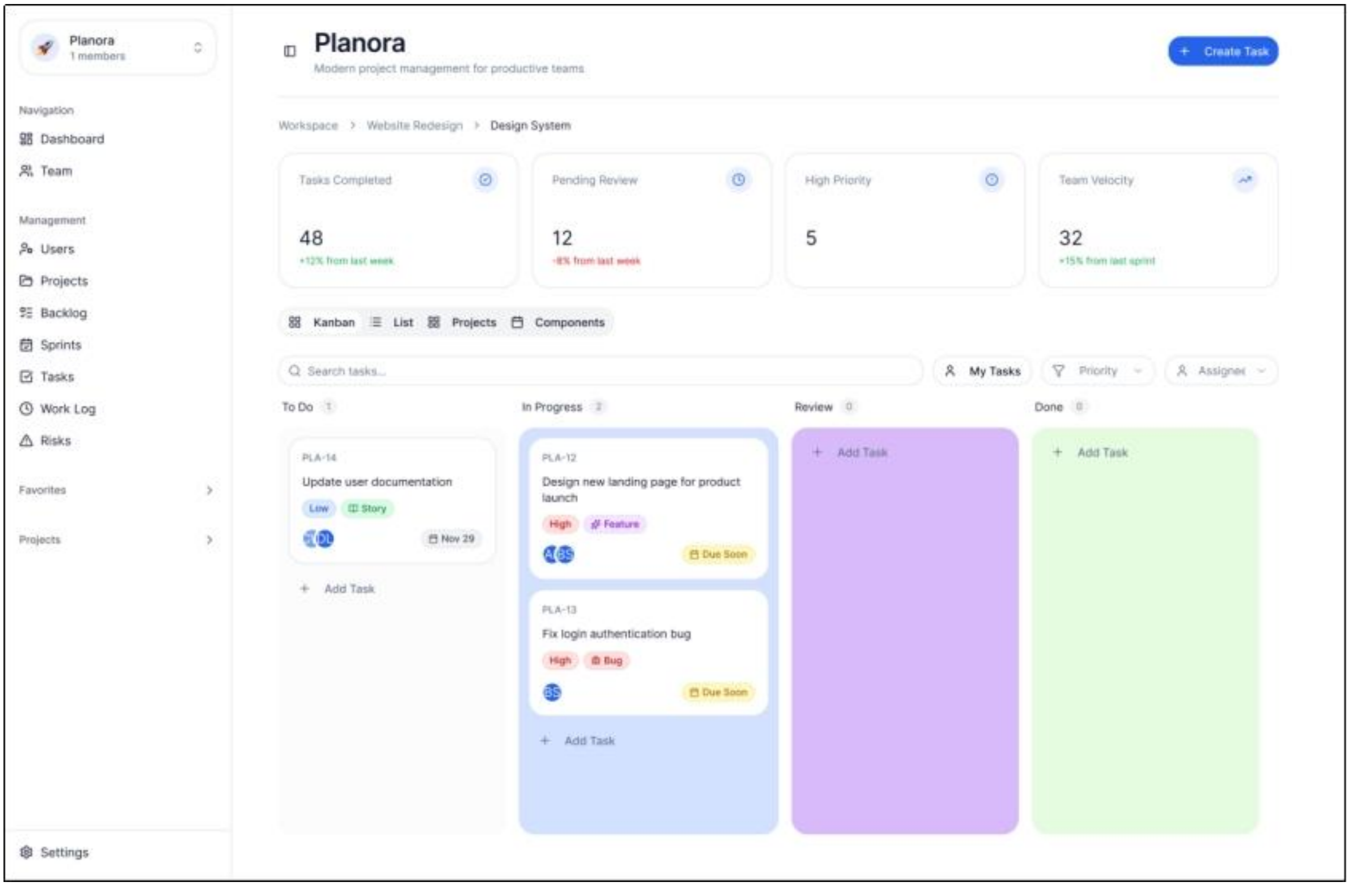
The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Toggle Theme	Click "Moon" Icon (Top Right)	**Action:** Switch the entire UI to Dark Mode (background becomes dark, card adjusts contrast).

Enter Credentials	Type in "Account" / "Password" fields	**Action:** Capture input characters.
Toggle Visibility	Click "Eye" Icon (Inside Input)	**Action:** Reveal or mask the text content of the respective input field (Password or Account).
Recover Password	Click "Forgot password?"	**Transition:** Navigate to the "Reset Password" screen.
Submit Form	Click "Sign In" Button	**Action:** Validate inputs. If valid, authenticate with backend. **Transition:** On success, redirect to the Project Dashboard.
Create Account	Click "Sign up" Link	**Transition:** Navigate to the "Registration" screen.

5.2.2 Dashboard

This interface allows users to track the health of a specific project **Planora** through metrics and actively manage tasks using a Kanban board.



A. Presentation Format (UI Layout)

The screen is divided into two main panels: The Navigation Sidebar (Left) and the Main Workspace (Right).

Navigation Sidebar (Left Panel)

- **Workspace Switcher:** Top dropdown (e.g., "Personal Workspace") to switch between different team environments.
- **Links** to "Dashboard" and "Team".
- **Management:** The core functional menu matching your previous user flow:
  - Users, Projects, Backlog, Sprints, Tasks, Work Log, Risks.
- **Favorites & Projects:** Collapsible sections for quick access.
- **Settings:** Located at the bottom footer.

Header & Controls (Top Right Panel)

- **Breadcrumbs & Title:** Displays the current path (Workspace > Website Redesign > Design System) and the Project Title ("Planora Design System").
- **Primary Action:** A prominent blue **"+ Create Task"** button.
- **Key Metrics (KPI Cards):** Four summary cards at the top:
  - Tasks Completed: (e.g., 48, +12%).
  - Pending Review: (e.g., 12, -8%).
  - High Priority: (e.g., 5).
  - Team Velocity: (e.g., 32).
- **View Switcher:** Tabs to toggle view modes: **Kanban** (Active), **List**, **Projects**, **Components**.
- **Filter Bar:**
  - Search input ("Search tasks...").
  - Quick filters: "My Tasks", "Priority", "Assignee".

Kanban Board (Main Content Area)

- **Columns:** Organized by workflow status: **To Do** (1), **In Progress** (2), **Review** (0), **Done** (0).
- **Task Cards:** Each card displays:
  - ID: (e.g., PLA-14).
  - Title: (e.g., "Update user documentation").
  - Tags: Priority (Low/High), Type (Story/Feature/Bug).
  - Assignees: Avatar circles.
  - Due Date/Status: (e.g., "Nov 29" or "Due Soon").
- **"Add Task" Button:** A ghost button at the bottom of each column for quick inline creation.

B. Event Handling (Interaction Logic)

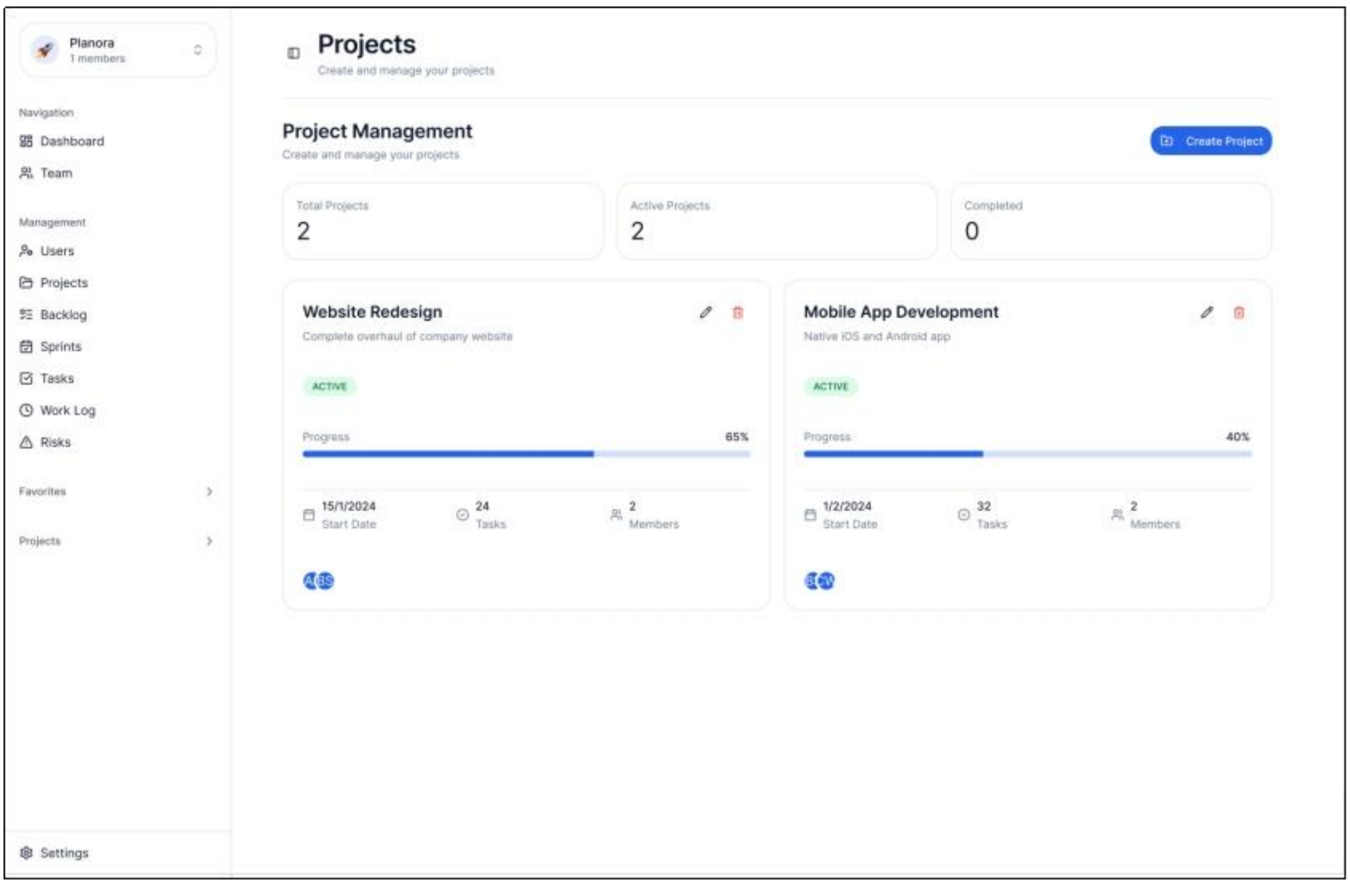
The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Switch View Mode	Click **"List"** or **"Projects"** tab	**Action:** Re-render the main content area to show tasks in a table list or project grid format without reloading the page.
Create New Task	Click **"+ Create Task"** (Top Right)	**Action:** Open a "Create Task" Modal overlay with fields for Title, Description, Assignee, and Priority.
Quick Add Task	Click **"+ Add Task"** (Bottom of Column)	**Action:** An input field appears inline within that column to quickly type a task name and press Enter.
View Task Details	Click on a **Task Card** (e.g., PLA-12)	**Transition:** Navigate to the **Task Details** screen (or open a side-drawer details panel).
Move Task (Status)	**Drag and drop** a card (e.g., from "To Do" to "In Progress")	**Action:** Update the task status in the database automatically.
Filter Tasks	Type in **"Search tasks..."**	**Action:** Real-time filtering of the visible cards on the board to match keywords.
Filter by Person	Click **"My Tasks"** button	**Action:** Hide all cards except those where the Assignee matches the current logged-in user.
Access Risks	Click **"Risks"** in	**Transition:** Navigate to the **Risks** management

	Sidebar	screen.
View Backlog	Click **"Backlog"** in Sidebar	**Transition:** Navigate to the **Backlog** screen to view unscheduled tasks.
Settings	Click **"Settings"** (Bottom Left)	**Transition:** Navigate to the global **Settings** page.

5.2.3 Projects

This interface serves as the central hub for overseeing all ongoing, active, and completed projects within the workspace. It provides high-level status visibility and entry points to specific project details.



A. Presentation Format (UI Layout)

The screen follows the standard split-panel layout: a fixed Navigation Sidebar on the left and a scrollable Main Workspace on the right.

Navigation Sidebar (Left Panel)

- **Structure:** Identical to the Dashboard sidebar.
- **Workspace Switcher:** "Planora" (1 members) dropdown at the top.
- **Navigation:** Links to **Dashboard** and **Team**.
- **Management:** Active link on **Projects** (highlighted/bolded). Other links: Users, Backlog, Sprints, Tasks, Work Log, Risks.
- **Footer:** Settings option.

Header & Metrics (Top Right Panel)

- **Page Title:** "Projects" with a subtitle "Create and manage your projects".
- **Section Header:** "Project Management" with a repeating subtitle "Create and manage your projects".
- **Primary Action:** A prominent blue **"+ Create Project"** button located in the top right.
- **Summary Metrics:** Three horizontal cards displaying high-level counts:
  - **Total Projects:** (e.g., 2).
  - **Active Projects:** (e.g., 2).
  - **Completed:** (e.g., 0).

Project Grid (Main Content Area)

- **Layout:** A responsive grid displaying projects as detailed cards.
- **Project Card Components:**
  - **Header:** Project Title (e.g., "Website Redesign") and Description (e.g., "Complete overhaul of company website").
  - **Controls:** Edit (Pencil icon) and Delete (Trash can icon) buttons in the top right of the card.
  - **Status Badge:** A "pill" shaped badge (e.g., **ACTIVE** in green text with green background).

- Progress Bar: A visual bar indicating completion percentage (e.g., 65% filled with blue).
- **Meta Data Row:**
  - **Start Date:** Calendar icon + Date (e.g., 15/1/2024).
  - **Tasks:** Checkmark icon + Count (e.g., 24 Tasks).
  - **Members:** User icon + Count (e.g., 2 Members).

Team: Stacked avatar circles (Initials like A, B, S) showing assigned members.

B. Event Handling (Interaction Logic)

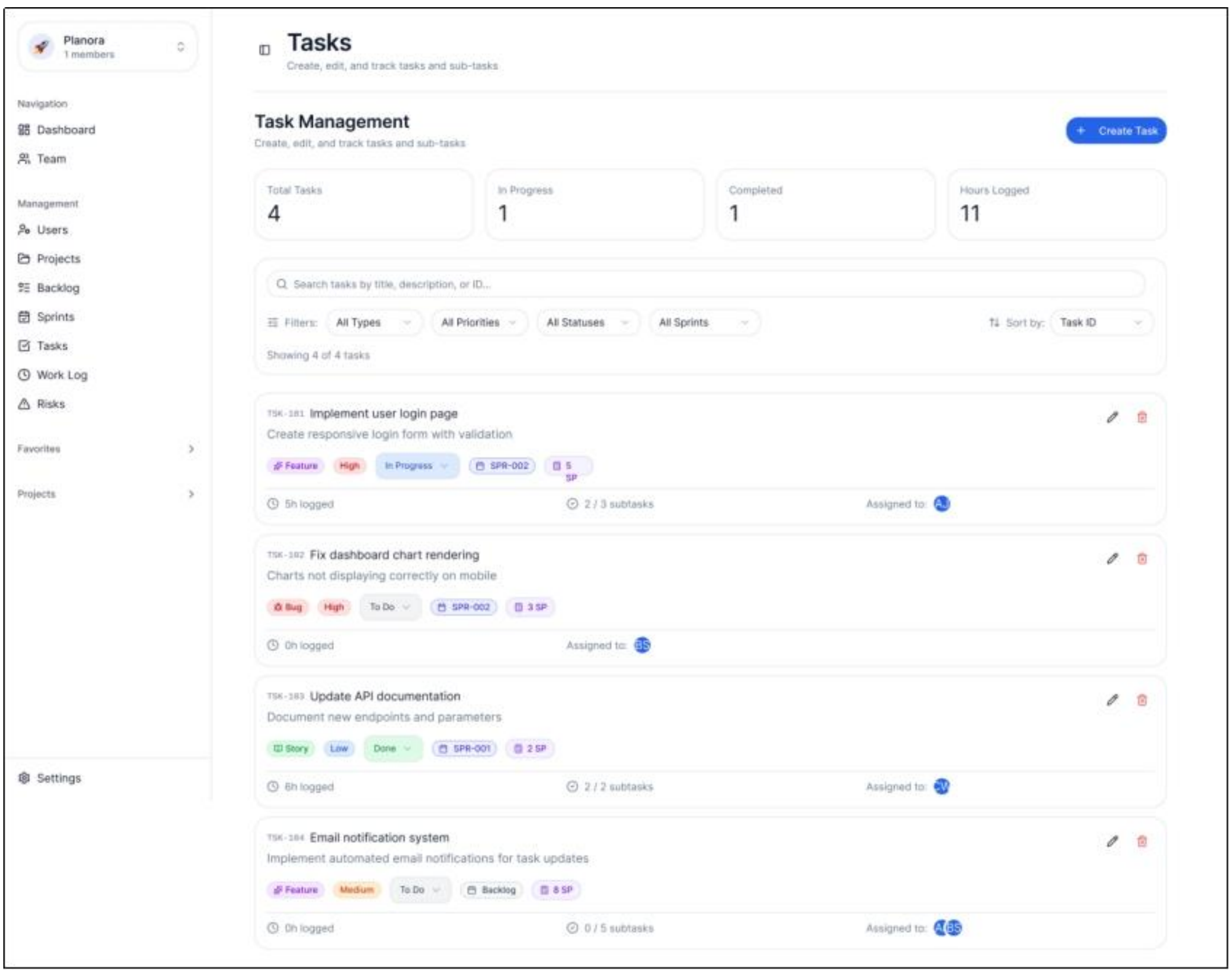
The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Creating New Project	Click "+ Create Project" Button	**Action:** Open a "New Project" Modal with fields for Title, Description, Start/End Date, and Team Members.
Edit Project	Click "Pencil" Icon (Card Top Right)	**Action:** Open the "Edit Project" Modal pre-filled with current project data.
Delete Project	Click "Trash" Icon (Card Top Right)	**Action:** Display a confirmation dialog ("Are you sure you want to delete...?"). **Confirm:** Remove project from database and refresh grid.
View Project Details	Click Project Card Body (e.g., "Website Redesign")	**Transition:** Navigate to the specific **Project Dashboard** (the Kanban view described earlier) for that project.

Navigate Sidebar	Click "Dashboard" or "Tasks"	**Transition:** Navigate to the respective module page.
Manage Team	Click Member Avatars on Card	**Transition:** Navigate to the "Team Settings" or "Project Members" list for that specific project.

5.2.4 Tasks

This interface allows for granular tracking of individual work items across the entire workspace. Unlike the Kanban view, this list view focuses on detailed metadata, filtering, and reporting metrics (like hours logged and story points).



A. Presentation Format (UI Layout)

The screen maintains the consistent split-panel layout, with a specific focus on a vertical list presentation for the main content.

Navigation Sidebar (Left Panel)

- **Structure:** Identical to the Dashboard and Project screens.
- **Active State:** The **"Tasks"** link in the Management section is highlighted/bolded to indicate the current page.
- **Links:** Dashboard, Team, Users, Projects, Backlog, Sprints, **Tasks**, Work Log, Risks.

Header & Metrics (Top Right Panel)

- **Page Title:** "Tasks" with subtitle "Create, edit, and track tasks and sub-tasks".
- **Section Header:** "Task Management" with specific action instructions.
- **Primary Action:** A **"+ Create Task"** button (Blue) in the top right.
- **Performance Metrics:** Four summary cards providing instant project health data:
  - **Total Tasks:** (e.g., 4).
  - **In Progress:** (e.g., 1).
  - **Completed:** (e.g., 1).
  - **Hours Logged:** (e.g., 11).

Control Bar (Filter & Sort)

- **Search:** A wide input field: "Search tasks by title, description, or ID..."
- **Filters:** Four dropdown menus to refine the list:
  - *All Types* (Feature, Bug, Story).
  - *All Priorities* (High, Medium, Low).
  - *All Statuses* (To Do, In Progress, Done).
  - *All Sprints* (e.g., Sprint 1, Backlog).
- **Sort:** A dropdown labeled "Sort by: **Task ID**" (or Due Date, Priority).
- **Counter:** Text indicating "Showing 4 of 4 tasks".

Task List (Main Content Area)

- **Layout:** A vertical stack of detailed row cards.

- **Row Components (Example: TSK-101):**
  - **Identifier:** Task ID in gray (e.g., TSK-101).
  - **Content:**
    - **Title:** Bold text (e.g., "Implement user login page").
    - **Description:** Secondary text (e.g., "Create responsive login form with validation").
  - **Tags & Badges:** A row of color-coded "pills":
    - *Type:* Purple "Feature", Red "Bug", Green "Story".
    - *Priority:* Red "High", Orange "Medium", Blue "Low".
    - *Status:* Blue "In Progress", Gray "To Do", Green "Done".
    - *Sprint:* Blue outlined "SPR-002" or Gray "Backlog".
    - *Points:* Purple outlined "5 SP" (Story Points).
  - **Meta Data Footer:**
    - **Time:** Clock icon + text (e.g., "5h logged").
    - **Subtasks:** Check-circle icon + text (e.g., "2 / 3 subtasks").
    - **Assignee:** "Assigned to:" label with Avatar circles (e.g., AJ, BS).
  - **Row Actions:** Located on the far right of the row:
    - **Edit:** Pencil icon.
    - **Delete:** Trash can icon (Red).

B. Event Handling (Interaction Logic)

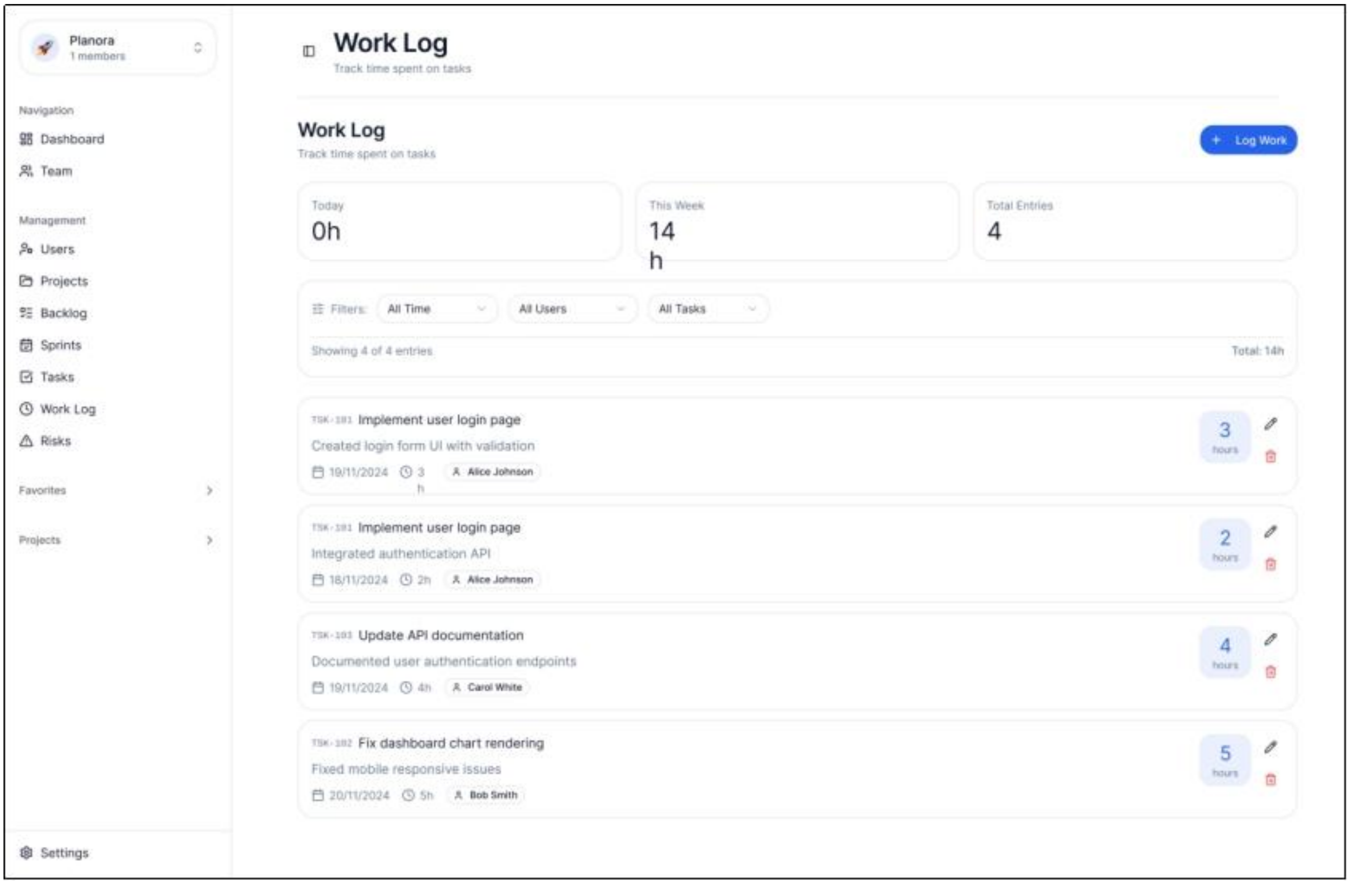
The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Search Tasks	Type in "Search tasks..." input	**Action:** Real-time filtering of the task list to match keywords in Title, Description, or ID.

Apply Filters	Click "All Types" / "All Priorities" etc.	**Action:** Dropdown opens. Selection refreshes the list to show only matching items (e.g., only "High" priority).
Create Task	Click "+ Create Task" Button	**Action:** Open "Create Task" Modal with extended fields (Time Estimate, Story Points, Sprint assignment).
Edit Task	Click "Pencil" Icon (Row Right)	**Action:** Open "Edit Task" Modal pre-filled with current task data.
Delete Task	Click "Trash" Icon (Row Right)	**Action:** Display confirmation dialog. On confirm, remove task from list and update "Total Tasks" metric.
View Details	Click Task Title or ID (e.g., TSK-101)	**Transition:** Navigate to the detailed **Task View** page (showing comments, history, and attachments).
Update Status	Click Status Badge (e.g., "In Progress")	**Action:** (Optional) Quick-toggle dropdown to change status directly from the list view.
Sort List	Click "Sort by" Dropdown	**Action:** Reorder the list based on selected criteria (e.g., Highest Priority first).

5.2.5 Worklog

This interface is designed to track time spent on specific tasks, providing both high-level summaries and detailed entry logs. It allows team members to log hours and managers to review effort distribution.



A. Presentation Format (UI Layout)

The screen follows the consistent split-panel layout, prioritizing a vertical list of time entries.

Navigation Sidebar (Left Panel)

- **Structure:** Standard "Planora" sidebar structure.
- **Active State:** The **"Work Log"** link in the Management section is highlighted/bolded.
- **Links:** Dashboard, Team, Users, Projects, Backlog, Sprints, Tasks, **Work Log**, Risks.

Header & Metrics (Top Right Panel)

- **Page Title:** "Work Log" with subtitle "Track time spent on tasks".
- **Section Header:** Repeated "Work Log" title and subtitle.
- **Primary Action:** A blue **"+ Log Work"** button in the top right corner.
- **Summary Cards:** Three KPI cards displaying time metrics:
  - **Today:** "0h".
  - **This Week:** "14h".

- **Total Entries:** "4".

Control Bar (Filter & Sort)

- **Filters:** Three dropdown menus for refining the log list:
  - *Time Range:* "All Time".
  - *User:* "All Users".
  - *Task:* "All Tasks".
- **Footer/Meta:** "Showing 4 of 4 entries" on the left and "Total: 14h" on the right.

Work Log List (Main Content Area)

- **Layout:** A vertical stack of white cards, each representing a single work log entry.
- **Entry Card Components:**
  - **Header:** Task ID (e.g., TSK-101) followed by the Task Title (e.g., "Implement user login page") in bold.
  - **Description:** A specific note about the work done (e.g., "Created login form UI with validation").
  - **Meta Data Row:**
    - **Date:** Calendar icon + Date (e.g., 19/11/2024).
    - **Duration:** Clock icon + Time (e.g., 3h).
    - **User:** User icon + Name pill (e.g., Alice Johnson).
  - **Time Badge:** A large light-blue badge on the right showing the logged hours (e.g., "3 hours").
  - **Actions:** Small Pencil (Edit) and Trash Can (Delete) icons vertically stacked on the far right.

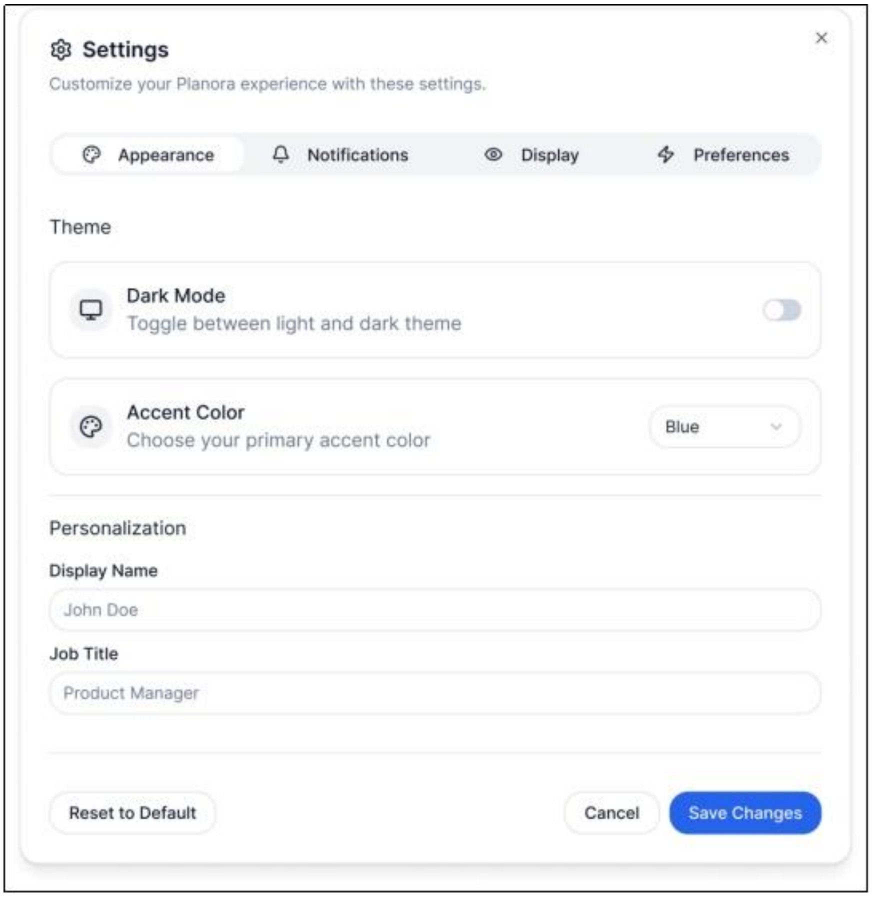
<u>B. Event Handling (Interaction Logic)</u>

The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Log New Work	Click "+ Log Work" Button	**Action:** Open a "Log Time" Modal with fields for Task ID, Duration (hours), Date, and Description.
Filter Logs	Click "All Time" / "All Users"	**Action:** Dropdown opens. Selection refreshes the list to show specific entries (e.g., only "This Week").
Edit Entry	Click "Pencil" Icon (Card Right)	**Action:** Open the "Edit Work Log" Modal pre-filled with the selected entry's data.
Delete Entry	Click "Trash" Icon (Card Right)	**Action:** Display confirmation dialog. On confirm, remove the entry and recalculate "This Week" and "Total" metrics.
View Task Context	Click Task Title (e.g., "Implement...")	**Transition:** Navigate to the specific **Task Details** page for that task ID.
Filter by User	Click User Pill (e.g., Alice Johnson)	**Action:** Quickly apply a filter to show only work logs created by that specific user.

5.2.6 Settings

This interface is presented as a modal or a focused settings panel that allows users to customize the visual aspects and personal profile details of their workspace experience.



A. Presentation Format (UI Layout)

The design is contained within a clean, white card structure, likely appearing as an overlay (modal) on top of the main application.

Header Section

- **Title:** "Settings" accompanied by a generic gear icon.
- **Subtitle:** "Customize your Planora experience with these settings."
- **Close Action:** A standard **"X"** icon located in the top-right corner to dismiss the modal.

Navigation Tabs

- **Style:** A horizontal, pill-shaped segmented control bar.
- **Tabs:**
  - **Appearance** (Currently Active: White background with shadow).
  - **Notifications** (Inactive).

  - **Display** (Inactive).
  - **Preferences** (Inactive).

Content Area: Theme

- **Section Header:** "Theme" (Text label).
- **Dark Mode Card:**
  - **Icon:** Monitor/Display icon in a circle.
  - **Label:** "Dark Mode" with subtitle "Toggle between light and dark theme".
  - **Control:** A standard **Toggle Switch** (currently set to Off/Grey).
- **Accent Color Card:**
  - **Icon:** Paint palette icon in a circle.
  - **Label:** "Accent Color" with subtitle "Choose your primary accent color".
  - **Control:** A **Dropdown Menu** currently displaying "Blue".

Content Area: Personalization

- **Section Header:** "Personalization" (Text label).
- **Input Field 1:**
  - **Label:** "Display Name".
  - **Value:** Text input currently filled with "John Doe".
- **Input Field 2:**
  - **Label:** "Job Title".
  - **Value:** Text input currently filled with "Product Manager".

Footer Action Bar

- **Separation:** A divider line separates the content from the footer.
- **Secondary Actions:**
  - **Reset:** A "Reset to Default" ghost button on the far left.
  - **Cancel:** A "Cancel" outlined button on the right.
- **Primary Action:**
  - **Save:** A solid blue "Save Changes" button on the far right.

B. Event Handling (Interaction Logic)

The table below describes how specific user interactions are handled within this specific design.

Event / User Action	Trigger Element	System Response / Transition
Close Modal	Click "X" Icon (Top Right)	**Action:** Close the Settings modal without saving unsaved changes.
Switch Tab	Click "Notifications" / "Display" etc.	**Action:** Switch the main content view to the selected category (e.g., show Notification preferences).
Toggle Dark Mode	Click Toggle Switch	**Action:** Immediately switch the UI theme to Dark Mode (visual preview) or toggle the switch state to "On".
Select Accent	Click "Blue" Dropdown	**Action:** Open a list of color options (e.g., Red, Green, Purple). selection updates the primary color used in buttons/links.
Edit Profile	Click/Type in "Display Name" or "Job Title"	**Action:** Capture text input for user profile updates.
Reset Settings	Click "Reset to Default"	**Action:** Revert all unsaved changes in the current tab to their original system defaults.
Discard Changes	Click "Cancel" Button	**Action:** Close the modal and discard any changes made during the session.

Save Settings	Click "Save Changes" Button	**Action:** Persist changes to the user's profile database and close the modal.

5.2.7 Remaining Screen

This link figma prototypes for remaining screen: Planora-Prototype