Project Sentinel: User Dashboard Specification v1.0

SENTINEL PROJECT *Building the future of intelligent monitoring*

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Overview

The User Dashboard provides a central hub for users to view key metrics, recent activity, and navigate core application features. This specification outlines the requirements and design concepts for the initial release.

Key Components

1. Metrics Overview

The Metrics Overview section will display key performance indicators (KPIs) relevant to the user's role and permissions:

- Visual representation of critical metrics
- Configurable time periods (daily, weekly, monthly)
- Interactive elements for drilling down into data
- Alert indicators for metrics outside normal ranges

2. Recent Activity Feed

The Recent Activity Feed will show a chronological list of the user's recent actions within the system:

- Timestamp and action description
- Filterable by activity type
- Limited to 20 most recent entries by default
- Option to load additional historical entries

3. Navigation Panel

The Navigation Panel will provide quick links to other application sections:

- Role-based visibility of navigation options
- Customizable favorites section
- Visual indicators for sections with notifications or alerts
- Collapsible design to maximize dashboard space

Dashboard Widgets

Table 1: Proposed Dashboard Widgets

Widget Name	Data Source	Refresh Rate	Permissions Required
Sales KPI	Sales API	1 hour	Sales Role
System Health	Status API	5 minutes	Admin Role
Task Completion	Tasks Database	15 minutes	Standard User
Alerts Summary	Alerts Engine	2 minutes	All Users

Visual Layout

Figure 1: Dashboard Layout Concept

DASHBOARD

METRICS

KPI 1 → KPI 2

KPI 3 → KPI 4

ACTIVITY FEED
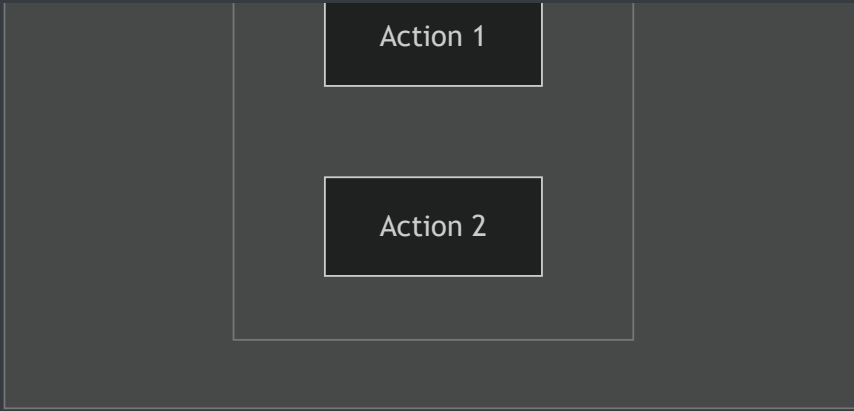
- Activity

- Activity

- Activity

- Activity

- Activity

QUICK ACTIONS

NAVIGATION PANEL
USER PROFILE & SETTINGS

User Customization

Users will have the ability to:

- Rearrange dashboard widgets via drag-and-drop

- Hide/show specific metrics based on preference

- Save multiple dashboard configurations

- Set a default dashboard view

Technical Requirements

- Responsive design for desktop and tablet views

- Widget-based architecture for easy feature expansion

- Client-side caching of dashboard state

- Real-time data updates where appropriate

Implementation Phasing

1. **Phase 1:** Core layout and navigation implementation

2. **Phase 2:** Metrics visualization and data integration

3. **Phase 3:** User customization and personalization features

Document Approvals:

Role	Name	Date	Signature
Product Manager			
Engineering Lead			
UX Design Lead			