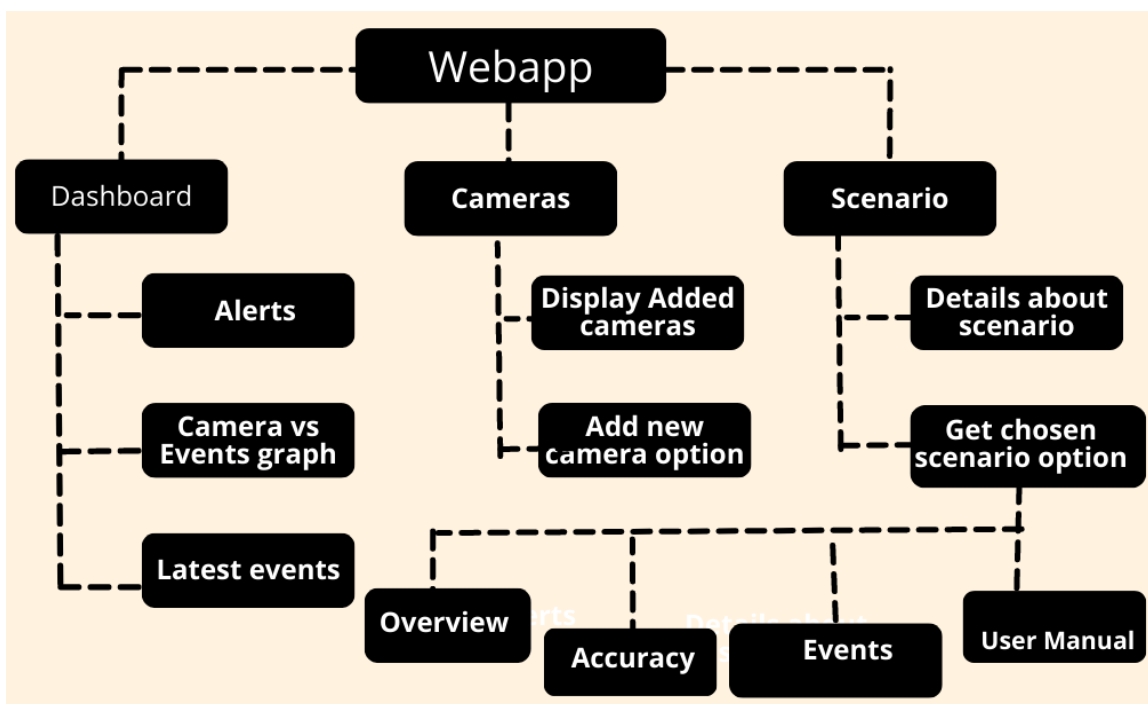# VisionAI Web-app

> VisionAI web-app is a software application that runs in a web browser. It is designed to provide a user-friendly interface and functionality that can be accessed from any device with an intpernet connection, without the need for installation on the device.

The web-app primarily consists of parts including Dashboard, Cameras and Scenarios as shown below:

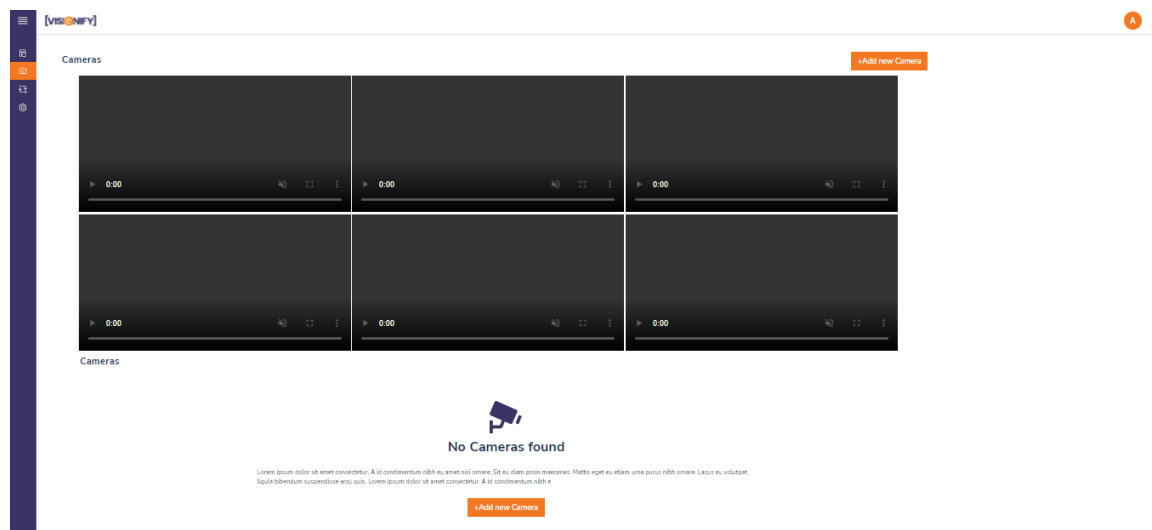The main screen that appears when you open web-app is:
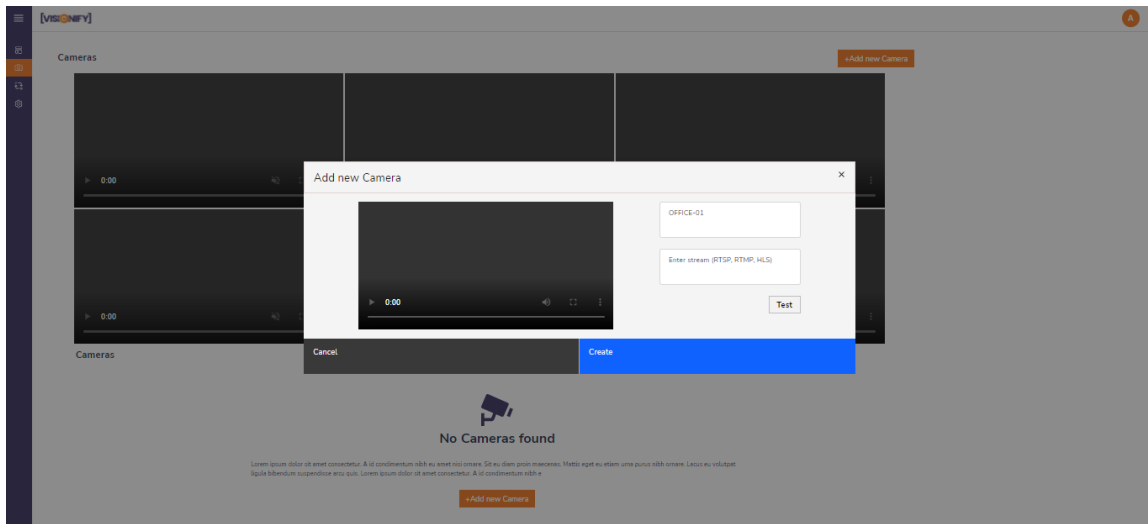
Let us see each of these parts in detail.

- Dashboard: Visionai Webapp's dashboard is a graphical user interface that displays important information about latest events in the right pane of the screen. It shows metrics such as total camera added, active camera, alerts generated on daily basis and available scenarios. It also presents a graph showing camera versus events triggered. This Dashboard's data analytics will help managers, analysts, or decision-makers quickly assess the performance and make informed decisions.
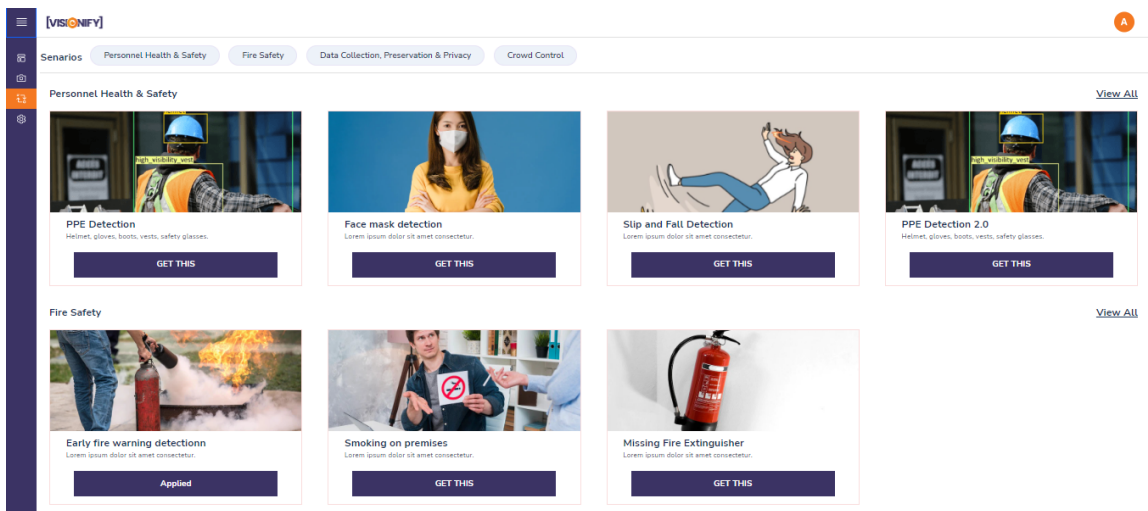

- Cameras: Cameras screen shows detailed information about added camera in the app.

It also has an option to add any new camera by providing its details such as:

- Scenario: Scenario page provides information about different scenarios available and added camera instance can be connect with these scenarios.

To get particular scenario in use, click on get this. It will open the following window:

Personal Protection Equipment (PPE) detection

Use your existing security camera infrastructure to enable PPE Compliance at your facility.

GET THIS

Overview   Accuracy   Events   User Manual

Use your existing security camera infrastructure to enable PPE Compliance at your facility.

Helmet Detection   **Vest Detection**   **Tools detection**   **Goggles detection**   **Mask detection**

Accuracy

Model : PPE detection 2.2.1

Dataset : 250,340 images

View Details | Customize

98% Accuracy   95% Recall   97% F1- Score

Here, we can find detailed information about these scenarios such as their accuracy metrics, events generated and user manual for guided instructions.

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Events

Event	Schedule	Details
Missing helmet	Immediate	This event is raised when a person is detected without a helmet.
Missing vest	Immediate	This event is raised when person is detected without a missing vest. (Configurable)
Missing goggles	Immediate	This event is raised when person is detected without a missing goggles.
Missing boots	Immediate	This event is raised when person is detected without a missing boots.
Missing Face masks	Immediate	This event is raised when person is detected without a missing face masks.
Daily Summary	Daily	A daily summary report of missed PPE events, along with image snippets.
Weekly Summary	Weekly	A weekly summary report of missed PPE events, along with image snippets.

You may also need

Face mask detection
Detect face masks for preventing the spread of COVID-19

View Details

Occupancy Monitor
Observe occupancy at worker desk or job site.

View Details

Smoke & Fire Detection
Detect early fire warning signs near machinery and storage

View Details

Exclusion Zones
Implement policies for after-hours shutdown.

View Details

Shipping Activity