


Responder

by BWARE

Responder Native Mobile App

Product Overview

Responder is a native mobile app, available for Android and iOS both user segments. The purpose of the app is to digitalize Safety Manager, a health and security compliance framework, offered by BWARE, and increase its adoption across businesses and governments.

Business Challenges

- Health and security compliance monitoring for dispersed workforces
- Tedious and time consuming process of compliance monitoring
- Low workforce efficiency resulting in delay in project completion
- Health and security hazards were causing distrust in employees
- Cope with ever-changing workplace safety

Solution

Responder is helping the clients of BWARE to systematically, efficiently and affordably meet their health and safety requirements to drive workforce's efficiency, drive employee-satisfaction and stay compliant to the law of the land.

Users can:

- Create, edit, and sign off actions required on a site.
- View workplace (Site Specific) plans created in Safety Manager, or build basic plans like checklists, emergency plans, training competency matrix, etc.
- View or Edit existing Task Analysis (TA) and Safe Work Method statements (SWMS).
- Run competency assessment for workers.
- Sign in and Sign out of workplaces.
- View site specific information including pdf's of any forms completed for workplaces either on the app or from Safety Manager.

Result

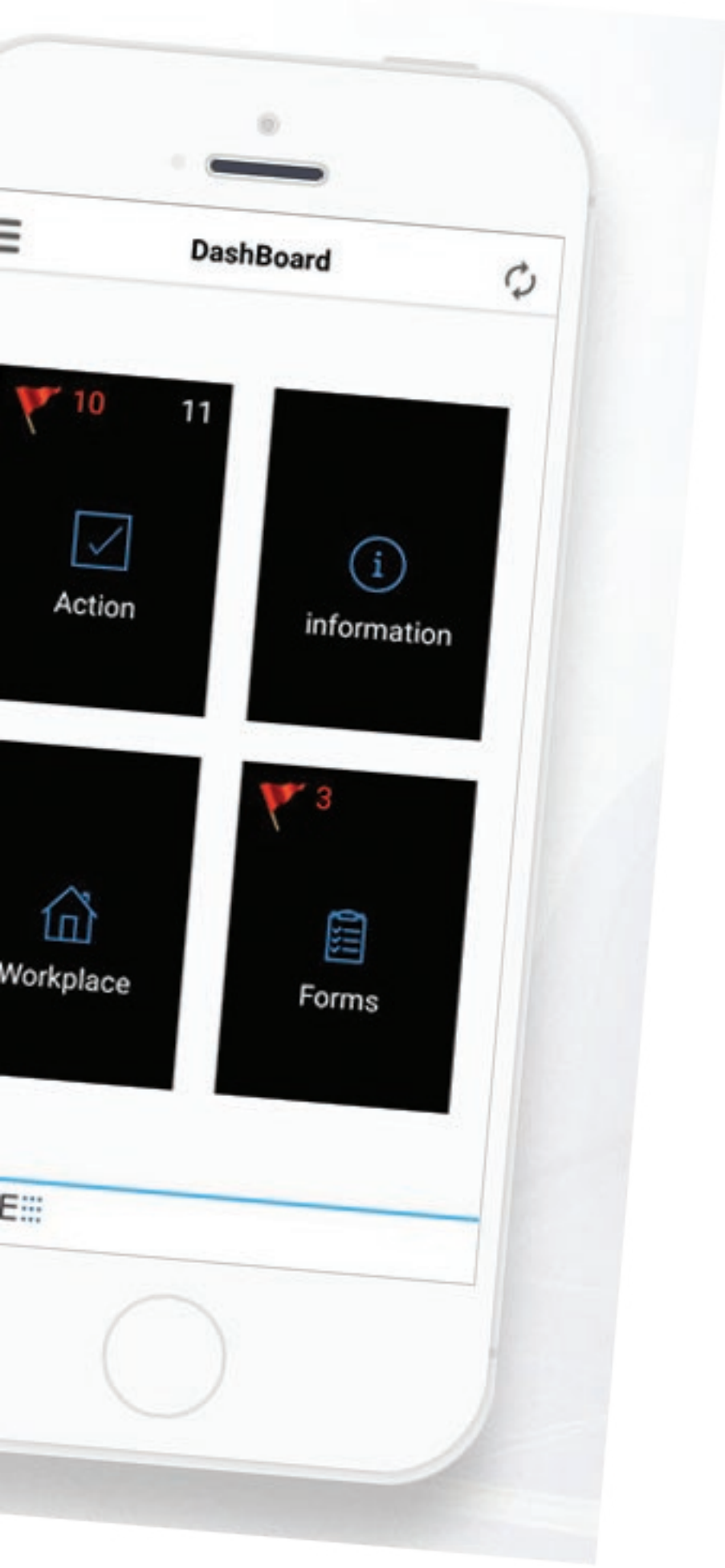
Contractors or managers can keep a tab on attendance, productivity, pending work, completed work, future planning and other vital determinants. Key benefits can be summarized as:

- Improved workforce or staff management
- Improved efficiency
- Less hazards or risks
- Faster delivery
- Improved brand reputation

Why it Interested Us?

Real-time data accessibility, better accuracy, better integration and better security -- roping in all enterprise-level features in one app was a challenging task to let the clients have an easier, faster and securer reporting mechanism in hand. Thanks to the in-depth expertise of our Android and iOS Swift mobile app developers, who completed the project as per the client satisfaction harnessing the core building blocks, viz., Activity, View, Intent, Service, Content Provider and Fragment etc., of the native SDKS.





Strategy

- Understanding the likes and dislikes of mobile app users
- Building simple and interactive UI
- Enabling strong synchronization of data from different plug-ins
- Incorporating effective privacy safety settings
- Building a modular and scalable mobile app

Development

Leveraging the architectural components of the native SDKs of Android and iOS Swift frameworks respectively keeping the health and security compliance challenges management in the mind, our experienced mobile app developers realized the discussed strategy to build the right mobile app compatible with Android and iOS operating systems.

Testing

We subjected Responder to a rigorous mobile app testing method, where its capabilities were judged in different conditions, and surfaced issues were addressed by our mobile app developers. Take a brief note of the test portfolio.

1. Interrupt conditions

A mobile is a place for voice and non-voice activities and, hence, it's a must that the running app experiences least impedance from them.

2. Installation/Uninstallation

Installation and uninstallation is an integral part of the user-experience and determines the success of an app. We made it utterly simple for the user.

3. Network conditions

The performance and behavior of an app varies as per the network conditions. Hence, we kept the application light-weight as much as possible to let users don't get discouraged owing to the sluggishness of the network.

4. Performance conditions

We checked the compatibility of different apps and services that an Android or iOS user may run his/her device with Responder.

5. Device integration conditions

We mapped the response of the plug-in used in the app with respective hardware components including, GPS, video and camera, and more.

Publishing

We uploaded the app on Google Play and iTunes adhering to the respective protocols to make sure users have a quick and easy access to Responder. We are committed to improve the user-experience, and for that we keep monitoring the reviews posted by end-users. Thus, we provide a complete end-to-end application management service to our client.

About Us

Root Info Solutions (RIS) is a globally recognized Information Technology consulting and software outsourcing company based in the UK. In addition, we have an offshore software development and implementation center in New Delhi, India. We provide enterprise web and mobility solutions using different programming languages/frameworks including PhoneGap, Drupal, Angular JS, Magento, Python, Android, Swift, and more. We have been serving clients across different sectors and verticals since 2004.

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