

A Cross Platform Mobile Application for Youmanage

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Abstract

Youmanage HR Ltd is a Stirling based company. They offer a web-based application specialising in Human Resource management. This includes several modules such as Absence & Holidays and Self-Service, which has features which allow employees to create a request for absence.

With the ever increasing popularity of smart devices, such as mobile phones and tablet computers, there has also been an increase in mobile applications. Mobile apps provide a better user experience than trying to use full sized web applications on a mobile device, which may have a small screen size and touch screen. In addition, most competitor HR companies have launched their own mobile apps; therefore, in order to keep up with the competition and improve user experience, a mobile app should be created for Youmanage.

The objective of this project was to create a cross-platform mobile application for Youmanage, which includes some of their key product features. In particular, allowing an employee to create or cancel a request for absence and view their holiday entitlement, and allowing line managers to approve or reject absence requests submitted by employees in their team.

The Youmanage system was firstly examined, as features from this system would be used in the mobile app. An API was created to communicate with the mobile app and the business layer of the Youmanage system. This allowed functions from the Youmanage system to be used in the mobile app.

The mobile app was successfully created with all the required functions as well as many additional functions. Overall, the feedback from users and the client was very positive.