Title: Chronus Native Mobile DTR APP: Smart Phone Image Capture Based Daily Time Record Application for Android

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ABSTRACT

The SixEleven Global Teleservices is a Business Processing Outsourcing (BPO). It has different accounts for different kinds of transactions. The company has employees called agents and the company must monitor their daily activity and attendances. They monitor the attendance manually by using bundy clock, and manually recording it to a logbook. The researchers proposed Chronus Native Mobile DTR APP: Smart Phone Image Based Daily Time record Application for Android a mobilized daily time record keeping for the convenience of everyone in the company.   The application provides easier way of logging in the company. The application allows the user/employee to log in anywhere inside the company premises because of the IP restriction feature. The application takes a real time captured image of the user/employee for the log in to proceed and to be stored in the database. Furthermore, the application generates the complete log in and log out time of the employees and this could be used for generating payroll.

Keywords: Android, Base64 Image, Camera, Codename One API, Database, DTR, Image Capture, Java, MySql, Native Mobile Application, Netbeans, Php, and Smartphone.