

ABSTRACT

At company engaged in the oil mining requires a media that can track and review data QHSE or Quality, health, security and environment. DATS or digital application action tracking system is an answer that can address these problems, which can store data centrally so that it can be tracked and reviewed. On the use of these applications are used by many field employees, which requires a flexible and lightweight infratrstruktur, example smartphone. Data exchange of this application the is made by website service so that for future can be directly integrated directly with mobile applications without remaking website application. Method that use to make this application is prototype method. This application use C# program language, html and javascript to make interface. Editor that used is visual studio, IIS for web server and SQL Server 2008 R2 for database. This application can save QHSE report and action item, with web service SOAP architecture for data exchange.

Keywords: QHSE, DATS, web service