

ABSTRAK

Aplikasi *Mobile* “Ngawi City Guide” adalah aplikasi mobile berbasis android yang berguna untuk melihat informasi kota Ngawi, seperti informasi sejarah, wisata, hotel, rumah makan, event, serta dapat menampilkan lokasi dan rute tempat-tempat tersebut melalui *Google Maps API V2* dan *GPS (Global Positioning System)*. Data yang terdapat pada Aplikasi *Mobile* “Ngawi City Guide” disimpan dalam database *MySQL* yang telah diunggah secara *online*, sehingga antara Aplikasi *Mobile* “Ngawi City Guide” dengan data yang telah dimasukkan melalui Aplikasi *Web Based* “Ngawi City Guide” dapat terintegrasi melalui *web service (JSON)*. Dalam pengembangan aplikasi ini, penulis menggunakan metode pengerjaan menggunakan metode *SDLC (Software Development Life Cycle)*, metode pengumpulan data dengan cara observasi dan studi pustaka, serta menggunakan metode perancangan *UML (Unified Modeling Language)*.

Kata kunci : *Mobile Guide, Google Maps API V2, GPS, Web Service, JSON.*



ABSTRACT

Mobile Applications "Ngawi City Guide" is a android based mobile application that is useful to look at Ngawi city information, such as historical information, attractions, hotels, restaurants, events, and can display the location and route these places via the Google Maps API V2 and GPS (Global Positioning System). The data contained in the Mobile Application "Ngawi City Guide" is stored in a MySQL database that has been uploaded online, so that the Mobile Application "Ngawi City Guide" with the data that has been entered through the Web-Based Applications "Ngawi City Guide" can be integrated via a web service (JSON). In the development of this application, the author uses the method of construction using SDLC (Software Development Life Cycle), the method of data collection by observation and literature, as well as using the method of designing UML (Unified Modeling Language).Keywords: Mobile, GPS, Internet, Android.

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