

ABSTRAK

Aplikasi tempat kursus musik yang dilengkapi dengan fitur SMS dan WAP ini dibuat dengan tujuan untuk memberikan kemudahan bagi guru, murid dan user untuk mengetahui informasi mengenai tempat kursus musik selain informasi mengenai jenis kursus disediakan pula fasilitas pendaftaran bagi user yang ingin mendaftar kursus. Selain itu aplikasi ini dapat menjadi sarana komunikasi dengan tersedianya kotak saran dan kritik agar manajemen CMC dapat lebih maju dan berkembang.

Sistem terbagi atas 2 aplikasi yaitu *mobile* dan *desktop*. Pada aplikasi *desktop* akan menangani pengolahan data kursus, transaksi penjualan buku-buku pengajaran, pembayaran kursus murid, penyediaan data jadwal proses belajar murid-murid dan pengaturan jadwal pengajar. Sedangkan pada aplikasi *mobile* menangani pendaftaran kursus dan menyediakan informasi jadwal bagi guru dan murid.

Aplikasi ini dikembangkan menggunakan bahasa pemrograman C# menggunakan *Visual Studio.NET 2005* untuk aplikasi *desktop*-nya, dan bahasa pemrograman *XHTML* dan *PHP* untuk aplikasi nirkabelnya. Komponen yang digunakan untuk menghubungkan aplikasi dengan *handphone* adalah *ActiveXpert SMS and pager 3.2*.

Kata Kunci :

Penjualan, Pembayaran, SMS, WAP, Laporan, C# *Microsoft Visual Studio. NET 2005*, *ActiveXpert SMS and pager 3.2*.

ABSTRACT

This music courses management system for Concerto Music Corner (CMC), including SMS and WAP features, is developed to ease teachers, students, and users to acquire information about CMC. As well as information about open courses, this system also provides registration for those who want to enroll to the classes. This software can also be used as communication means with the provision of suggestion posting so that CMC can improve on things.

This system is divided into two modules, mobile and desktop. Desktop module will handle courses management, courses material sales management, course payment, and class scheduling. Mobile module will provide information about schedule and online registration.

This system is developed using C# with Visual Studio .NET 2005 as development tool for the desktop module, and XHTML and PHP for the mobile one. Both access the same MySQL database. Gateway used to connect the system with mobile device is ActiveXpert SMS and pager 3.2.

Keywords: Sales, Payment, SMS, WAP, Reports, C# Microsoft Visual Studio .NET, ActiveXPert and pager 3.2.

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