**Hardware project**

**2010-2011**

**POS**

**Abstract**

Point Of Sale system is a system used in supermarkets and companies and cafes. This system is used to unify accounting for these companies and document all sales operations.

The system consists of a card reader used to read magnetic cards used by the customers, and keypad-LCD system used to show balances and sales operations. This system is connected by Ethernet to a website used for monitoring all the transactions done on a certain company by certain customer. Data is encrypted for security purpose.

The system is supported by a website used by the companies using the system, and by the end users to manage their cards and check their transactions.

Added value service is sending sms to clients whose operations are performed successfully to ensure that everything is correct and to avoid any problem.

The mother company makes a discount with 1$ for each transaction. Each transaction can have up to four things bought with their prices.