A new and original approach in automated Campus Management, utilizing NFC technology for tracking student and staff activities, facilitating in-campus service delivery and enhancing security.

"NFC Campus" is an integrated solution aiming to enhance and facilitate fundamental daily routines performed in an academic environment, improve access to services offered and increase the level of security, especially in cases involving minors.

Students and staff receive personal "SofTouch" NFC badges (cards or other formats). By touching their badge to a mobile NFC device, students will record attendance to classes, record their presence while boarding the school-bus, enroll to courses, access in-campus services or areas and present their badges to campus' security staff as proof of their identity during random security checks. The staff will record their presence and activities in a similar manner, as well as gain access to restricted areas.

Badge holders can optionally participate in an in-campus e-purse scheme, through which badges can be topped-up with a limited amount of money to be used for cashless transactions in points-of-sale accepting this secure form of payment. The e-purse system of "NFC Campus" enhances security and ensures that funds will be spent on designated goods offered within the controlled campus environment.

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Features

- **Badges issuance or renewal** during registration for each academic term
- Student and teacher **attendance** recorded for all classes
- **Access control** throughout the campus and in restricted areas
- Easy access and **usage logging** for campus services and amenities (e.g. library, sports facilities etc.)
- Self-service functions for students in info-kiosks for access to personalized information and services
- Integrated **e-Purse scheme** utilizing the badges to enable purchasing of products and services in designated points-of-sale in the campus
- Online, real-time monitoring of student activities
- Comprehensive Statistics Tool and Report Generation on-line
- Easy notification of security officers and parents in cases of emergency

Solution Components

NFC Campus

- NFC Campus Platform
- NFC ("MyFair SofTouch") badges
- NFC mobile devices (phones) and wireless NFC readers for access control and attendance tracking
- NFC readers & Badge Printers with workstations for student registration
- NFC Tablets on points-of-sale for transactions
- NFC Enabled info-kiosks for self-service functions

Platform Advantages

- **Comprehensive Academic Activity planning and preparation**
  Courses and schedules as well as other activities are pre-entered in the NFC Campus database. Students receive their badges upon term registration
- **Open-ended architecture, interaction with existing systems**
  The NFC Campus platform may be synchronized in real-time with any already deployed management systems
- **Detailed reporting and analysis**
  Statistics for attendance, badge usage and transactions
- **Enhanced security; real-time monitoring**
  Complete management and monitoring of student activity. In-campus real-time tracking through a "where-is-who" live update function
- **Streamlined in-Campus experience**
  The "SofTouch" badge is a personal identity granting each holder access to all services and amenities provided in the campus.
- **Cashless transactions with e-Purse scheme**
  Badge holders may perform small payment transactions for goods and services in the campus with their "SofTouch" badges, increasing security (cashless environment) and restricting spending to goods approved for sale in the campus' points-of-sale.
- **Multi-device and multiplatform**
  The NFC Campus service can be deployed on any mobile device supporting NFC** giving you a wide range of options for devices.
- **Continuous Service and Data Integrity Assurance**
  NFC Campus can operate in different modes regarding data and transaction storage. On-line, hybrid and off-line scenarios are supported to provide the right balance between data integrity and network availability in various areas of the campus.

*** Android NFC and JSR 257 platforms currently supported*

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QUBITEQ LLC
351 California Street, Suite 300
San Francisco CA 94104
Phone: +1(415) 757 5738
Fax: +1(415)-434-1155
info@qubiteq, www.qubiteq.com