Proposal of thesis topic for mgr inż. (MSE) programme in Telecommunications and Computer Science

1. Topic: Secure database access from mobile phone platforms

2. Supervisor: Krzysztof Ślot

3. Auxiliary supervisor: -

4. Goals and scope of the work:

An objective of the dissertation is to write an application that runs on a mobile phone platform and which allows for accessing information stored on a server. Java programming language is to be used in developing both client and server applications, where Java Micro Edition will be an environment for programming a cell phone. All data transfers should be secured using some selected data protection method, so appropriate cryptographic protocol and procedures need to be developed.

5. Prerequisites (e.g. experience in writing programs in a computer language or knowledge of a foreign language):

Java programming skills, understanding of computer networks and communication protocols

6. Literature:

TBA

Łódź, 2005-04-06

Supervisor’s signature

THESIS TOPIC SELECTION ACKNOWLEDGMENT

Student’s name: ________________________________ Student’s ID ________

Faculty: ______________________

Main subject/major/module: ____________________________

Date and student’s signature

Supervisor’s signature

90-924 Łódź, ul. Stefanowskiego 18/22, tel. (+48 42) 636 00 65, 631 26 26, fax (+48 42) 636 22 38
http://www.eletel.p.lodz.pl