Tuomas Kivinen

All these works and draft reviews will be made via Live Messenger
or Skype between student and tutor(Tuomas Kivinen). These topics
are quite broad in sense, that the student should be capable of
finding the right scope based on the findings and material
available. Some of the product specific things (eg. protocols) are
not public information, so this makes investigation more
difficult.

Topic 1
**Privacy and IT Security evaluation of Microsoft Live based
services (eg. Microsoft Live Messenger, MSN messenger)**

The propose of this subject is to study and analyze IT Security
issues (eg. authentication, session security, single-sign on,
confidentiality, privacy, session cookie usage) for some Messenger
service or product. The following links are useful for students
who choose Microsoft Live Messenger as the research topic:

http://ideas.live.com/
http://msdn.microsoft.com/live/msnmessenger/default.aspx
http://www.google.com --> Related white papers about Live
Messenger and Passport security.

Are there any real risks for normal users?

Topic 2
Privacy and IT Security evaluation of Skype services

The propose of this subject is to study and analyze IT Security
issues (eg. authentication, session security, single-sign on,
confidentiality, privacy, session cookie usage) for Skype VoIP
service. Student may use following questions as the motivation for
his work:

Would you use Internet Skype in your working life in business
corporate?
What actual risks (if any) can be found when using skype?
Are there any risks of eavesdropping?
Other problems or risks to use?

http://skype.com/
http://www.google.com --> Related white papers about Skype and
VoIP techniques security.

Topic 3
Privacy issues related to map, localization and information services

The purpose of this study is to find practical and concept solution for map, localization and information services. The student should investigate and study the mechanisms and principles how these services are using end users activities? Where is the limit for privacy abuse and normal use?

What information service provider can use, and its conditions? What kind of practices and principles should be used to protect end users privacy? Any hidden concerns?

Examples of user licence agreement:
http://www.internet-optimizer.com/legal/EULA/
https://www.shoprogers.com/store/cable/internetcontent/downloads/internet%20services%20eua.pdf#search=%22End%20user%20privacy%20in%20internet%20services%22

Privacy white papers about end user privacy.