Task I – Threat Tree

Background:
Assume there is a Social Department of the Municipality of New York. It’s divided into three subgroups: the Financial Section, the Children’s and Family Section and the Custody and Non-Institutional Care Section. There are about 40 employees in the organization. The major activity of the social department is to investigate reports and applications directed to (IFO) Individual and Family Care to find out what contributions are needed to be made for the client, e.g. institutional care or a contact person. There is no information security policy documented. The employees are allowed to bring laptops and their unfinished work home. Since the department is handling sensitive information about e.g. addicts, incest case and recipients of social assistance, the question of the confidentiality is important. The personnel have no education in information security. Decisions are made when a situation arises, but they are only verbal agreements. This could endanger both the integrity and confidentiality of the client. The information is a huge security concern.

What you have to do:
Please state any assumptions you may make.
Work out an Information Threat Tree for the organization.
Hint: Try to break down the threat into important and unimportant, and focus on the important category.

Task II

Recall the Risk Level Matrix that we introduced in class; do you think that is a good security measure? Explain your answer and give examples.