Motivation
To enhance cross-border use of electronic signatures by increasing trust in electronic signatures originating from other Member States the European Commission adopted a Decision with the obligation for Member States to establish and publish their Trusted List of supervised/accredited certification service providers issuing qualified certificates to the public. However, since there are no reliable tools available, Trust-Services Status Lists (TSLs) are usually created and edited manually and therefore are often confusing and error-prone.

Project description
- Goals
  Designing and implementing a Graphical User Interface for building TSLs in easy and self-explanatory way
- Tasks
  - Getting familiar with the ETSI TSL standard
  - Getting familiar with the IAIK TSL Toolkit and its database model
  - Implementing TSL data base serialization
  - Designing the TSL GUI
  - Implementing the TSL GUI

Literature
- IAIK Java Crypto Documentation, jce.iaik.tugraz.at
- TSL standards (ETSI TS 102 231)

Deliverables
- Project files (.zip, cleaned)
- Documentation (inline)
- Readme (getting started)
- Presentation (10 .ppt slides)

Project schedule
- Start Immediately (incl. selection)
- Month 1 Reading standard, trying IAIK TSL toolkit
- Month 2 Design and Implementation
- Month 3 Implementation, Testing, Deliverable

Master Project
- Studies: INF SEW TEL

Prerequisites
- Java programming (Eclipse, git)

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