

Assignment 1: Requirements for the Terminator

Requirements Engineering 2011

Description:

You are a Requirements Engineer working at the company Cyberdyne Systems that just got a new defense contract to develop a new system with the project name Cyberdyne Systems T-101, following the success of the T1 series. Your assignment is to create software requirements for the system.

The T-101 is a cybernetic organism, a robot called a Terminator. Those of you not familiar with the movies, portraying Arnold Schwarzenegger, can read about them on the Internet, search for "Terminator". In this assignment we are however only interested in the Software requirements of the system so no specific knowledge of the robot is required!

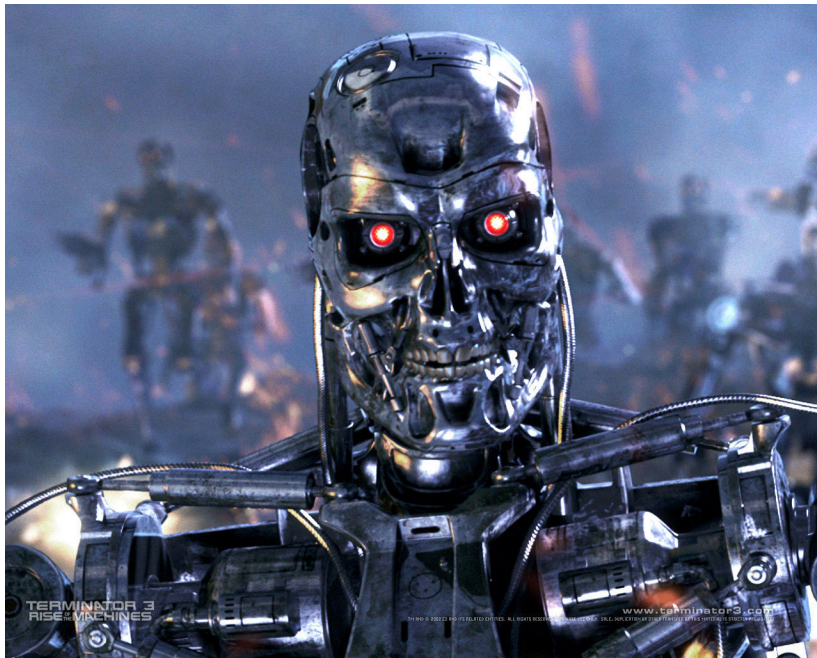


Figure 1: Picture of the T-101 system.

- Write 15 natural language Software requirements for the T-101.
- Write 5 use cases for the T-101, using standard UML use case notation.
- Write 3 user stories for the T-101.
- Overlap among NatLang reqs., User Stories and Use Cases are permitted.
- Write only Software requirements! No hardware.

Important information:

- The submission shall be done through the FIRE system. (Link on the website)
- The deadline is 5/9 at 18.00. No late submissions will be accepted
- The assignment is individual!
- The report should be maximum 6 pages long.

- Submission should not have your name on it, ONLY the anonymous code that you have been given!