Self-regulated study

Hello!
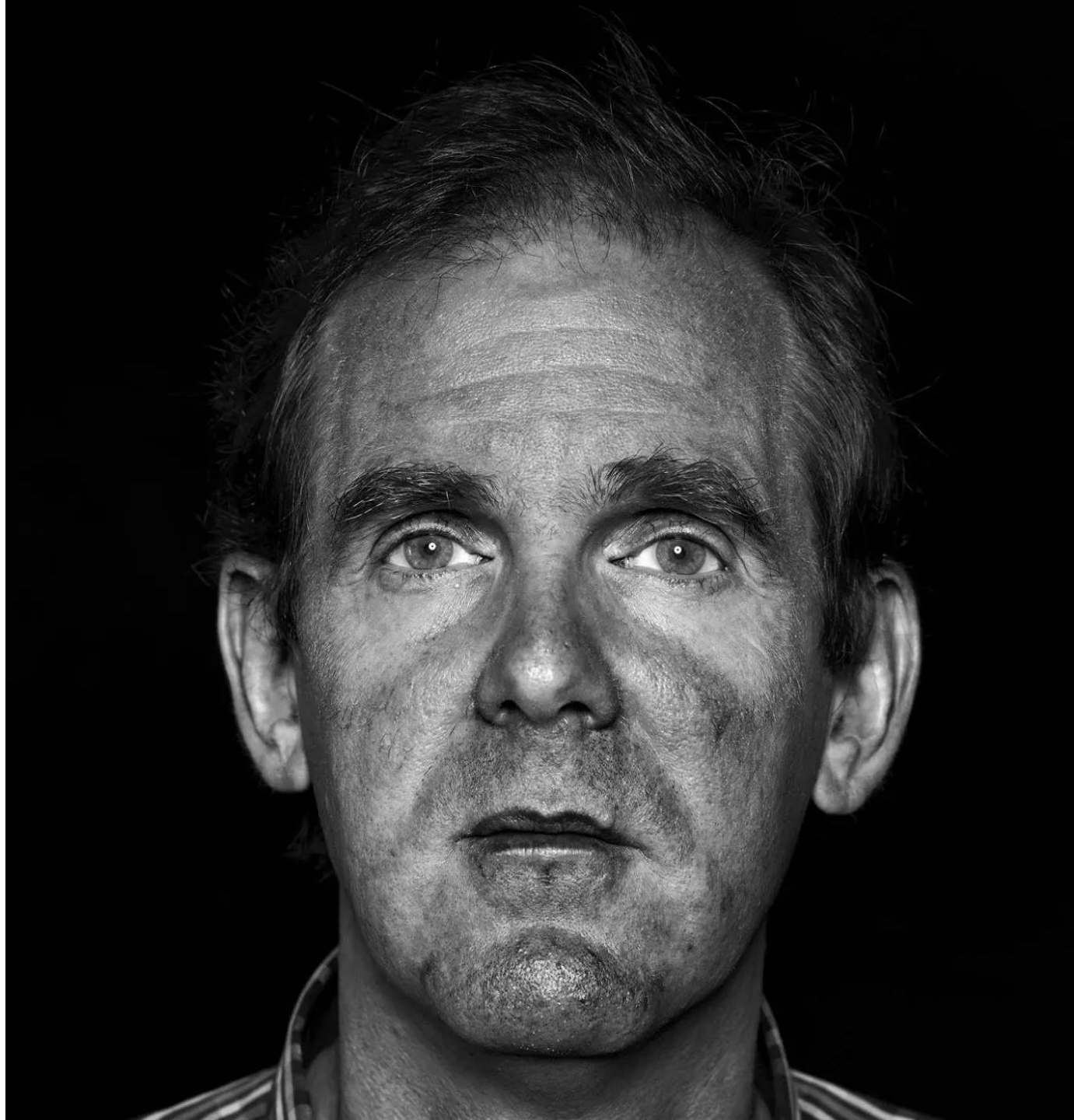
Who am I?

- Maarten Van Lint – Thomas More, Belgium
- Expertise in electronic engineering (MSc)
- Coordinator workplace learning for IoT
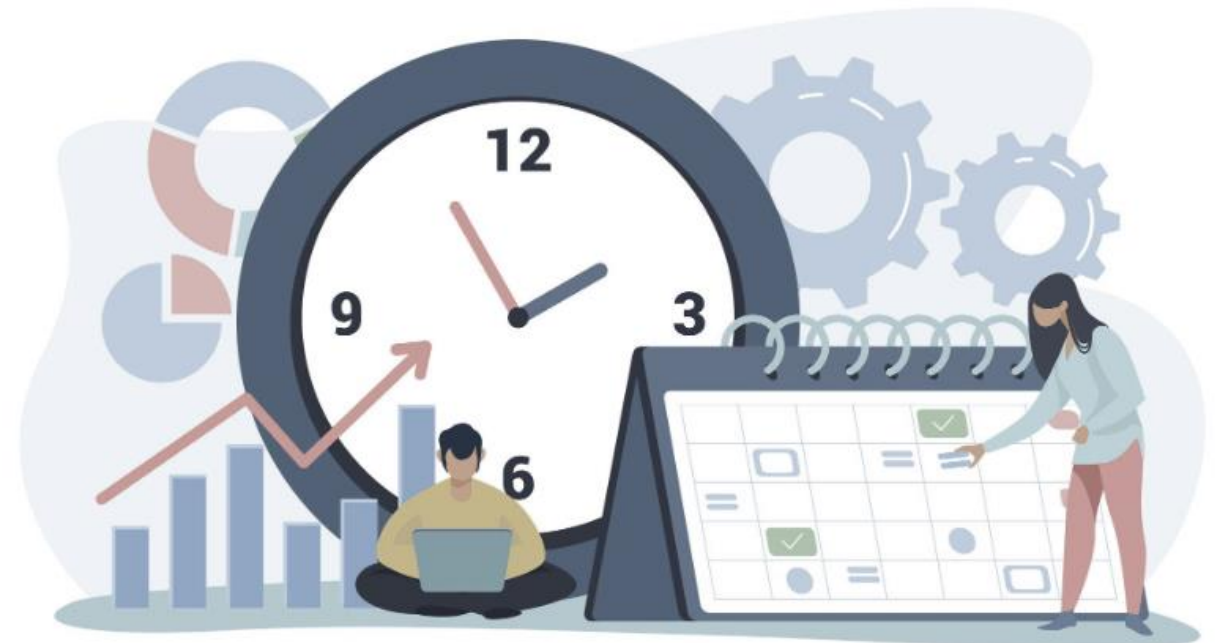- Teaching embedded systems / projects

Contact?

- Maarten.vanlint@thomasmore.be
- LinkedIn

Content

- Self-Regulated studying a new challenge within Thomas More

- My reasons independent of Thomas More

- Self-regulated studying in practice

Self-Regulated studying a new challenge within Thomas More

- Upcomming: institutional review

  ➢ External audit

  ➢ Government & NVAO (Dutch & Flemmish Accrediting Organisation)

  ➢ Past:

    ➢ Each program gets reviewed over time

  ➢ Nowadays:

    ➢ Universities have their own quality processed

    ➢ Quality process is reviewed every 6 years at hand of some programs

Self-Regulated studying a new challenge within Thomas More

- Upcoming: institutional review

  ➢ Quality process

    ➢ Continual process

      ➢ Checkup on regular basis of the different programs (Educational Mirror)

      ➢ New Initiatives to

        ➢ Improve the programs

        ➢ Improve study efficiency of studying/learning

          ➢Since February: pilot Self-regulated study

Self-Regulated studying a new challenge within Thomas More

- Self-regulated learning as students easily have problems with …

  ➢ Taking (the right) initiative

  ➢ Planning

  ➢ Structuring

  ➢ Review material at home

My reasons independent of Thomas More

- Self-regulated learning as students easily have problems with …

  ➢ Associate degree students (short cycle // 2 years)

    ➢ Don't like theory and prefer hands-on

    ➢ Mostly waiting for the practical labs during lecture

  ➢ How to provide education when going abroad?

    ➢ Self-regulated studying could be a solution

Self-regulated learning in practice

- The approach is implemented from 2 viewpoints

  ➢Learn to study

  ➢Force to study

Self-regulated learning in practice

- From the startup of the programs coaching is provided:

  ➢ How to plan studying

  ➢ How to prepare for exams

  ➢ Discussions on progress

    ➢ In group

    ➢ In person

Self-regulated learning in practice

- Problems when only coaching

  ➢ Some students overestimate themselves

  ➢ It is advisory → students cannot be forced

  ➢ Effort @ home is minimal

Self-regulated learning in practice

- Forcing the student to study

    - The student has to take initiative to reach something

    - Attending a lecture can't be enough

    - 'Flip the classroom' (as one seems to call it)

Self-regulated learning in practice

- Flip the classroom

    ➢ video presentations which should be reviewed and studied at home

    ➢ Regular course materials (such as the presentation) are also available

    ➢ Next session

        ☞ Q&A and feedback on course material

        ☞ Test (to force them reviewing) which counts for permanent evaluation

        ☞ Practice makes perfect

    ➢ Intermediate discussion

        ☞ Has their learning method improved with this method?

Self-regulated learning in practice

- Reason for this approach

  - Information sources evolve

    - Books from libraries

    - Searching internet for documentation (Google is your friend?)

    - **Video tutorials**

    - AI related tools (chat GPT etc)

Self-regulated learning in practice

- Current status

  ➢ Video presentations

    ➢ Sere appreciated by students

    ➢ Some didn't take it very serious (cfr tests)

  ➢ Tests were not provided yet

    ➢ Education services posed the question whether you can use these tests for permanent evaluation

Self-regulated learning in practice

- In addition

  ➢ Blended IP's

    ➢ Experience

      ➢ Students like this type of international collaborations

      ➢ Students broaden their international skill and gain maturity

      ➢ Students want to be successfully

        ➢ Success only comes with a headache – Anssi Iconen

Self-regulated learning in practice

- Slide added last night

  - ➤ Video presentations

    - ➤ Maybe also a bit too passive

  - ➤ Alternatively AI?

    - ➤ AnythingLLM providing course my content

    - ➤ Assign tasks to students where

      - ➤ they have to gather specific information with the AnythingLLM environment

Thanks!

Maarten.vanlint@thomasmore.be