

Exam Preparation

PREPARING MATERIAL FOR THE EXAM

a.k.a. how to get 30+



POLITECNICO
DI TORINO



Recap: Exam

- The exam consists in **the evaluation of the Group Work** that is assigned during the course
- Goal: assessing the capability to design and develop an Aml system
- Two phases:
 - Evaluation of documents
 - Oral exam (to also assess individual contributions)

"I did the project website/the video" is typically not enough for a sufficient evaluation!

1) Evaluation of documents

- First phase, happens "offline"
- Evaluation of the **project website**, updated according the provided feedback
 - Deliverable 1 (vision)
 - Deliverable 2 (features and architecture)
 - Presentation video
- Evaluation of the **Git/GitHub usage and content** for the project source code

1.a) Website evaluation

- We will look at the latest version of both deliverables
 - as we see them for the first time
 - integrated in the website, not "segregated"
 - the website should be easy to navigate
- A presentation video **must** be embedded in the website and hosted on YouTube
 - Guide and suggestions:
http://elite.polito.it/files/courses/01PRD/2015/video_guide.pdf

1.a) Website: video preparation

- A **good** presentation video should tell a story but also
 - present the system and
 - describe its main features (not all!)
- Most videos have a short introduction, explaining the goals and context of the work
 - then, they emphasize the problems or issues the project addressed
- No cartoon-only videos!

1.a) Example of "good" videos

- Some "high graded" videos from the previous editions of the course:
 - <https://ami-2017.github.io/Amlcook/>
 - <https://ami-2017.github.io/Mr.Bin/>
 - <https://ami-2016.github.io/iStop/vision.html>
 - <http://ami-2016.github.io/DgG/>

1.b) Git/GitHub evaluation

- DO
 - use Git and GitHub from the beginning
 - not just the day before the exam
 - everybody works with Git/GitHub
 - properly use one or more branches
 - the "master" branch *must* always be present
- DO NOT
 - upload files from the GitHub web interface
- N.B.
 - only the *-code repositories will be evaluated

2) Oral exam

- Second phase, happens "online"
 - i.e., at LADISE, on the exam date(s)
- Evaluation of each **project**, separately
- We will also assess the **individual contributions**
- Two steps:
 - Presentation and demo (20 minutes, max)
 - Discussion (5 minutes, max)

2.a) Presentation and demo

- Each group has 20 minutes (max) for showing the presentation and the demo
 - you can split that time as you prefer
 - both items must be done, however
- Presentation can be realized with PowerPoint and delivered in LADISPE, either
 - by connecting your laptop computer to the projector (VGA only!)
 - or by using a desktop computer available in the lab (slides in PDF!)

2.a) Preparing the presentation

- Always keep in mind that the teachers have already read your website...
 - therefore, there is no need to explain what is Aml, which are the Aml steps, etc.
- ... and checked your code!
- Focus on
 - the system we are going to see
 - its features/characteristics
 - some important technical details linked to the specific problems and issues tackled in your project
 - individual contributions
- Everyone **must** speak during the presentation

2.a) Preparing the demo

- The key message here is: **prepare** the demo!
 - do not improvise
 - test it the day before, on the day of the exam
 - have a friend try and test it
 - know your critical points (things that might go wrong) and prepare a "plan B" for them
- Show the system at work, as it should be used by your "typical user"

2.a) Preparing the demo

- Technical details should be not described here
 - they can be inserted in the presentation
 - they may be asked during the discussion
- Before the oral exam of your group, you will have plenty of time to set up everything

2.b) Discussion

- It is a session of Q&A of around 5 minutes
 - in front of the demo, typically
- Questions can be
 - follow-up from the presentation
 - clarifications about some features
 - requests for more (technical) details
 - clarifications about the individual contributions
 - etc.

Questions?




01QZP AMBIENT INTELLIGENCE

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