Project submissions - requirements and guidelines

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Your grade for the project is based on the following components:

1. Presentation in front of the class,

2. Difficulty of the challenge you took on and quality and

completness of your solution to it.

How much have you learned from doing the project.

After the presentation you will need to submit these files:

- Presentation PowerPoint or PDF file with slides.

- Source code of your solution.

Lenght and Evaluation of the Presentation

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You will only have 15 minutes to present plus a few minutes

to answer questions. On average a person takes about 1 minute

per slide so you should have about 15 slides in your presentation.

The absolute limit is 12-18 slides.

You can do a live demo of your project \*after\* all presentations

are done but you are \*not\* allowed to do a live demo as a part

of your presentation.

\*Both\* members of the project must present and each of them

must talk about more-less 50% of the slides.

Each member of the team is evaluated \*individually\* for their

contribution to the project and quality of their presentation.

Practice and Adjustments

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You need to \*practice\* giving your presentation at least once,

the day before delivering it. You usually will discover that

some slides need to be split into multiple slides and some

must be removed.

Rule of thumb: if you're spending more than 1 minute on a slide

then either:

- you need to explain less about this slide, or

- you need to split this slide into two or more slides.

You will not know which slides to split until you \*practice\*

your delivery. I will know, and the class will know if

you haven't practiced and it will affect your grade.

Content of the Presentation

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\* 1 slide: Title

- title of presentation,

- subject of the project,

- names of team members

\* 1-2 slides: Background

- Background of the project, e.g.

. explain a game you were implementing,

. explain what was the purpose of system

you were implementing and what problem

does it solve.

\* 2-3 slides: Your solution overview

- show your solution from high level, e.g.

screenshot(s), list main features from

user point of view, features, functionalities.

Say WHAT was implemented BUT NO DETAILS ON HOW.

\* 4-6 slides: Challenges and solutions

- talk about each of the technologies you used

and each major problem you had to solve on your own

to make the solution work.

\* 2-4 slides: What we learned - teach it!

- talk about specific, low-level solutions

and teach them to the students and teacher

\* 1 slide: Future work

- say what was not done yet and could be

solved if your project continued.

\* 1 slide: Summary

- what was done and with what result.

Total slides count: min 12, max 18

What Not To Do

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These are some of the "don'ts" - mistakes that

students presenting make more often. Avoid these!

\* Skipping practice.

You don't know how your presentation will "flow"

in front of a room until you practiced delivering it.

Sit in front of your computer or stand up and

speak \*out loud\* to yourself as if you were talking

to a room full of people.

Deliver the content of each slide.

Make corrections.

Repeat.

If you don't practice it will show and you will lose marks.

\* Speaking too fast, or mumbling.

\* Putting too much text or code on a slide.

You must not have more than 40 words per slide.

If you do - you will lose marks.

\* Fonts too small

If your font is too small to read by someone sitting at the

back (that's where the teacher is sitting during presentation)

you will lose marks.

\* Too much code

It is okay to take a screenshot of a 5-15 lines of code

when talking about your solution. But if there's too many lines

then code becomes unreadable and you will lose marks.

\* Irrelevant content

The presentation must flow from one item to another.

If you put in an item and the audience is wondering why

was it even there because it does not seem relevant

- you will lose marks.

\* More than 2 font types, more than 3 font sizes,

use of animations, unreadable colors.

Any of the above will have you lose marks.

\* Reading from a slide when presenting.

If all you do is read from a slide when you're presenting

then it looks like either you don't know what you're talking

about or you have not practiced.

Either way - if you're reading from a slide will lose marks.

\* Skipping practice (yes again).

This is the only way to get your presentation into good shape.

Practice or your presentation will not be great.