

T7 - Project Specifications

T-ESP-700

Define your project

specifications



1.4.3





Define your project

delivery method: Github



- The totality of your source files, except all useless files (binary, temp files, obj files,...), must be included in your delivery.
- All the bonus files (including a potential specific Makefile) should be in a directory named *bonus*.

An elephant: a mouse built to government specifications.

Robert HEINLEIN, Time enough for love, The lives of Lazarus Long



Your final project starts today!

In pairs, your first step is to conceive a project **that meets** a **need** of everyday life, and **big enough** for a 6-guy team (cf. two-pizza rule).

Then, you have to write the *specifications* of your project, as its *requirements*.

The latter **defines** and **clarifies** the needs (both functional and non-functional) and the constraints, related to the project.



Projects without well-defined requirements are generally doomed to fail!







As you probably already know: a project for 6 is hard to develop and to maintain when there are just two of you! That means, there is too much projects and/or not enough people: a selection process will occur!

Your second step is to make a **short pitch video** (2-3 min), presenting your project. It will be a precious tool for the elections that follow, and it will represent your project during the campaigns.

All the students will be asked to evaluate some of the projects, then a majority judgment method will be applied

Eventually, 33% of the projects will be kept and lead by their *Promoters*. The other projects will be cancelled, leaving 67% of the people free to hire as *Partners*.





Like IRL, a recruitment process will take place. *Promoters* must recruit workforce to build a team that gets the job done. *Partners* must apply to join a project that meets their interests.

An algorithmic activity may help you with that!





DELIVERIES

You are expected to deliver, in the activity Project, a zip-file containing the following:

- a file with 50 words (.md) Short description of you project!
- a document that lays out user needs (.pdf) How users will use the future (and best) solution.
- a specifications and requirements document (.pdf) What the solution will do EXACTLY and unitarly.



This delivery shall weight less than 10 MB.

You are expected to deliver, in the activity Group matcher, some answers:

• describe the working criteria that suit you best



Remain fair & honest.

Under-estimation as over-selling might lead you to uncomfortable situations

You are expected to deliver, in the activity Video teasing, the following file:

• a video pitch (~2 minutes) (.avi or .mp4)



This delivery shall weight less than 100 MB.

