Project based learning & project management tools

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My experience with project based learning

- Extracurricular talent care program
- Year-long student projects
- Profile building and exploring personal interest

Specifications/Year	Freshman	Sophomore	Junior
Focus	Learn to take responsibility independence	Combine forces and find your own expertise along the way	Strengthen application profile and deepen insight into an academic area
Technical specifications	Individual Project Short-term Project	Team Project (2 or 3 students/team) Short-term	Individual Project* Short-term or Long-term Project**
Possible project frameworks to choose from	Research Organizing Enterprise Creative/Art Tech	Research Organizing Enterprise Creative/Art Tech	Job Shadowing Research Organizing Enterprise Creative/Art Tech
Fast Track option	**Project Expansion:** Create a top-up for your short-term project and make into a long-term (more complex) one.	**Expand your project into a long-term one** OR **Do a 2nd, Job Shadowing Project:** As a second project next to your team one, plan a job shadowing project and execute it in the summer	Make your project even more **complex**, **longer** and **interdisciplinary**!

The 5 checkpoints during the Project Term

1. Brainstorming (come up with an idea) → hand in a **Project Proposal (form)**
2. Refining your idea (make sure your project is SMART) → hand in your **SMART validation (form)**
3. Planning and organizing your project → hand in your detailed **Project Plan (form)**
4. Present your (finished*) project → make a **Project Poster** for the Fair
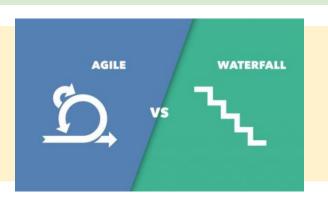5. Hand in finished **Project Report (form)**

Project management methodologies for students

Benefits:

- Ability to better organize the execution of projects
- Makes steps of project planning clearer
- Teaches actual tools that can be useful to know when they enter the labour-market

Main types of project management methodologies:

- Waterfall
- Agile

Why agile?

1. **More modern approach**
2. **Minimises risk of failure**
3. **Guarantees AN outcome**

Example:
- topic based interdisciplinary classes about GAMES
- At the last class teaching agile and asking students to try by creating a simple game

Task for today: Create a game!

1. User story
2. Product backlog
3. Sprint planning
4. Sprint 1
5. Presentation of product – get it done! ScrumAlliance®

PRODUCT BACKLOG   SPRINT PLANNING   SPRINT BACKLOG

2-4 WEEK SPRINT

POTENTIALLY SHIPPABLE PRODUCT INCREMENT

Agile in project based & distance learning

Naturally aligned with the values and steps of project based learning (p.8. of booklet)

Promotes the value of the PROCESS and not only the OUTCOME

Can be used in distance learning (online meetings, pitches, planning documents…)

A projektoktatás aranyelve

A projekttervezés hét fő eleme

A TANULÁS CÉLJAI

Alaptudás
Megértés
Siker

érdeklődés

eredetiség

a diákok álláspontja és választása

reflexió

kritikus megfigyelés és fejlődés

nyilvános bemutatás

felmerült probléma, kérdés