

Innovative Technical Project



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Working agreement

I will - TBA

Working agreement

I ask you to - TBA

Plan

3 semesters:

1. MVP + table of content,
2. Application End2end - happy paths (tracer bullet) + draft of the thesis,
3. Thesis, patch-patch-extend for the application.

Goal

Priorities:

1. Submit on time,
2. Good grade.
3. Learn something new,
4. Without too much stress.

Team work

Your thesis is an individual work and:

1. Easier to work in a group,
2. Regular meetings, so you do the regular progress on your thesis,
3. You can learn together new technology or methodology.

Thesis topics

- show what you have learnt during the studies
- software engineering,
- has to have a software development element in it
- can be related to your current work.

See: [topic examples](#).

Thesis topics

Formal requirements (TBA) [[1](#)]

Praca dyplomowa – inżynierska powinna być opracowaniem określonego zagadnienia praktycznego albo dokonaniem technicznym prezentującym wiedzę i umiejętności studenta związane z danym kierunkiem studiów, poziomem studiów pierwszego stopnia i praktycznym profilem kształcenia dyscypliną wiodącą, do której kierunek został przypisany.

Thesis topics

Formal requirements (TBA)[[1](#)]

Rezultatem pracy inżynierskiej powinien być projekt lub koncepcja szeroko rozumianego systemu IT w tym m. in. systemu informatycznego, sieci komputerowej, sieci telekomunikacyjnej oraz uruchomiona i przetestowana implementacja tego systemu lub jego fragmentu, albo komputerowa symulacja jego działania.

App development

- tracer bullet development / deliver patch-patch,
- iterations, after every iteration, a push do git.

Before next meeting

Read (TBA): [formal requirements](#).

Before next meeting

Send a topic proposal by email:

- Prefix in the email title `[projekt nowatorski]` + group name,
- Topic proposal + 4 sentences of description,
- Link to the github repository (private) with a `README.md` (see the next slide),
- If the github repo is private, please invite `wojciech11`.

`gitlab` is also OK.

README.md

Three parts:

- what problem do you solve/why it is important (*why*),
- what you will develop (*what*),
- how exactly, e.g., Django app that... (*how*).

Repository

It does not exist, if it is not in git:

```
| - ...  
| - docs/  
|   | - related_work/  
|   | - data/  
|   | - ...  
|   \- thesis.docx  
|  
| - code and other artefacts  
|  
\- README.md
```

Plan

Our 2nd meeting:

- Accepted topic;
- Must have:
 - git repository,
 - `README.md` with the thesis topic and the description.
- and questions to your topic or formal requirements.

Plan

Our 3rd meeting - the first iteration:

- 4 minutes per person,
- 2-3 slides.

Plan

Spotkanie 4 - the second iteration

- demo MVP/PoC,
- 5 minutes per person.

Plan

Our last meeting - to pass:

- [x] github,
- [x] MVP,
- [x] table of content,
- [x] 10 references to literature,
- [x] general plan for 3 semesters.

Extras

- mockup/wireframes/high-q
- schemat architekury, etc. etc.

Thank you

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BACKUP SLIDES