

Propose an Information system

The **Product Proposal** must contain the following elements:

1. **Business Need & Vision:** Explain the business, issues and your proposed solution. What is the product you are pitching – and what is its scope? Which markets are you targeting: existing or new? Think P.I.E.C.E.S. How is this aligned with the company's long-term vision?
2. **Budget:** Why should investors/managers trust you? Let the data do the talking, think numbers, feasibility, and cost-benefit analysis.
3. **UML diagrams:** (usecase (activity and sequence diagrams if needed), ERD, Class diagram, (State diagram if needed).
4. **Agile planning:** You need to have a complete list of user stories. From user stories, you need to formulate product backlogs, the number of sprints and sprint backlogs. Backlogs should be prioritized based on MOSCOW. Write time estimations or use Fibonacci numbers to assess the amount of effort that each backlog requires to be achieved throughout your system. As your last step, you should define some tasks that should be done to achieve the sprint backlog. Use clickup to do so and you may put some screenshots in your final report or presentation.

Grading (30% of final grade)

Report = 20%

You must create a proper word document that describes all the elements of your project with a table of contents. You need to use a platform (ex. Jira, ClickUp, etc.) for agile planning section and take screenshots and put them into your report. The information in the different sections must flow seamlessly and tell the reader a story.

Presentation = 10%

The Oral Presentation is live. All members must participate and all should answer the Q&A session. You can follow any order you want – add/edit elements. The goal is to let the presentation do the work for you so you can land a successful pitch.