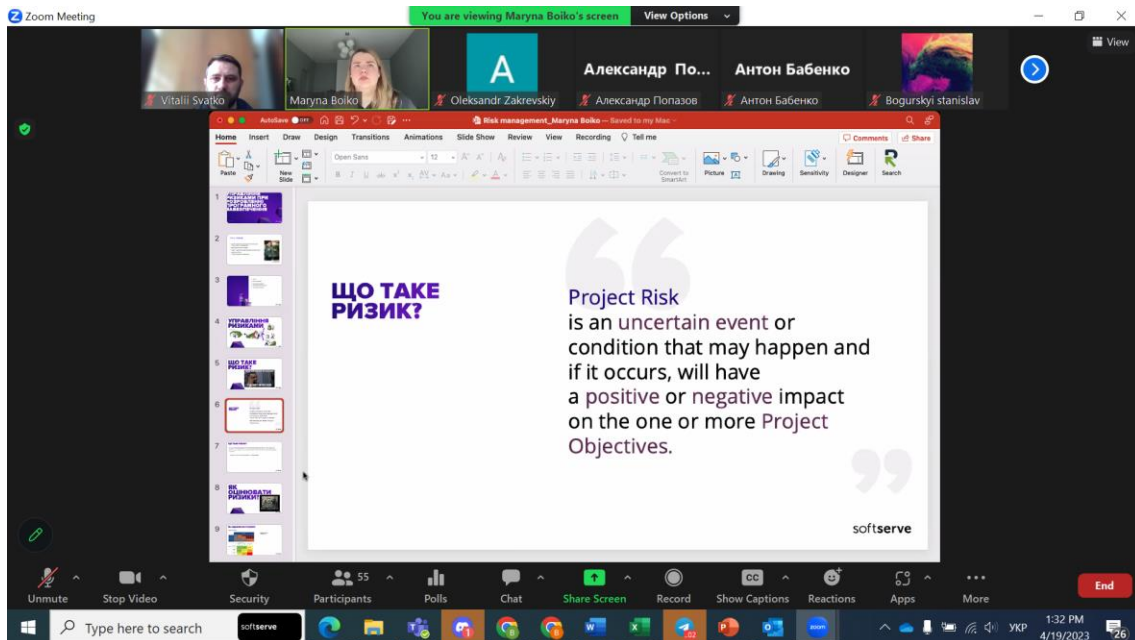
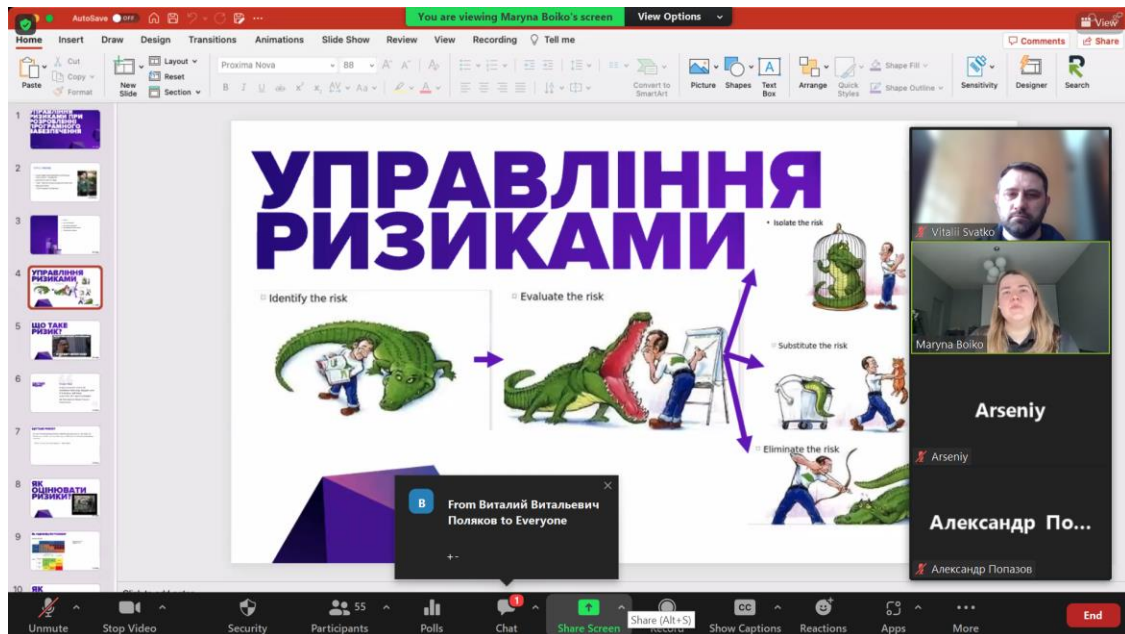


Лекція Maryna Voiko (Project Manager'a компанії SoftServe) на тему «Управління ризиками при розробленні програмного забезпечення»

19.04.2023р. о 13.10 для студентів спеціальностей КН та ПР в рамках вивчення дисциплін «Управління IT-проектами» та «Професійна практика програмної інженерії» відбулася лекція Project Manager'a компанії SoftServe Maryna Voiko на тему «Управління ризиками при розробленні програмного забезпечення». Модератор – доцент Сватко В.В. На лекції були присутні викладачі: професор Зубрецька Н.А., доцент Комісаренко О.С. та 55 студентів.



Zoom Meeting | You are viewing Maryna Boiko's screen | View Options

Vitalii Svatko | Maryna Boiko | Oleksandr Zakrevskiy | Микола Радзівон

Participants (52)

Find a participant

- Vitalii Svatko (Host, me)
- Maryna Boiko
- AR Andrii Romashchenko (Guest)
- AS Andy Sakhno (Guest)
- A Arseniy (Guest)
- Bogurskiy stanislav (Guest)
- BT Bohdan Tymchuk (Guest)
- Danil Savchenko (Guest)
- KV Kucher Vlad (Guest)
- Maria Z. (Guest)
- MM Misha Mas (Guest)
- N Natalia (Guest)

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AutoSave | risk management_Maryna Boiko - Saved to my Mac

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Open Sans | 16 | A⁺ | A⁻

ШО TAKE PHINK?

The Risk of Poor Risk Management in the Development of New Products May Have Negative Impacts on the Success, Schedule, and Other Characteristics of the Project & Complicate the Overall Statement of a Solution.

Present in Project. Risk probabilities: "High, Moderate"

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- As a result of not well-managed/organized transition and onboarding processes on the client side, new team members might require more 1-on-1 consultations and it will distract existing team members. This might lead to not meeting project goals in time.
- If the team faces major dependencies or blockers that prevent prod release, the release will be delayed.
- If the project scope is not clearly defined and documented, scope creep, rework, and financial impact might occur, resulting in delays, unmet expectations, and unmet project objectives.
- As a result of not having access to needed resources, difficulties with the project deliverables might occur, leading to project delay and client and customer dissatisfaction.
- As a result of the absence of documented code conventions, test maintenance time might be increased, leading to increased regression testing duration and technical debt growth.

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Participants (52)

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ЯК ОЦІНЮВАТИ РИЗИКИ?

Descriptive Risk Matrix

		RISK PROBABILITY				
		VERY LOW	LOW	MODERATE	HIGH	VERY HIGH
RISK SEVERITY	VERY HIGH	LOW	MODERATE	HIGH	HIGH	HIGH
	HIGH	LOW	MODERATE	MODERATE	HIGH	HIGH
	MODERATE	LOW	LOW	MODERATE	HIGH	HIGH
	LOW	LOW	LOW	MODERATE	MODERATE	MODERATE
	VERY LOW	LOW	LOW	LOW	LOW	MODERATE

likelihood (1,3) - impact (1,3)

		Severity/Consequence		
		Slightly harmful (1)	Harmful (2)	Extremely harmful (3)
Likelihood	Highly unlikely (1)	Trivial risk (Score 1)	Tolerable risk (Score 2)	Moderate risk (Score 3)
	Unlikely (2)	Tolerable risk (Score 2)	Moderate risk (Score 4)	Substantial risk (Score 6)
	Likely (3)	Moderate risk (Score 3)	Substantial risk (Score 6)	Severe risk (Score 9)

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РИЗИК РЕЄСТР

ID	Name	Description	Impact	Impact Description	Likelihood	Impact Score	Risk Score	Owner	Status	Risks / Opportunities	Strategy	Comments
1	Telegram bot	Some of the planned features of the Telegram bot will be too complicated to implement as they will need an external API.	Time	Redesign the features and implementation them.	2	2	4	Maryna	Open	Risk	Accept	We understand it might occur, but we are not planning extra resources to prevent it.
2	Homework checking	There are too many students and some need more time for homework checking.	Customer Satisfaction	Students are dissatisfied because of delays in getting the homework feedback.	3	3	9	Maryna	Open	Risk	Avoid	Assess the maximum number of students for timely homework feedback and not overloading them. Consider alternative ways to get homework assignments in the way that don't require a lot of time in the first place. Plan peer-assessment and self-assessment.
3	Not enough students will attend	Due to new/short time and format of attending, not enough students will attend.	Time	The course start has to be delayed.	2	4	8	Maryna	Open	Risk	Transfer	Mitigate - work on a better course description, promote the course in personal networks. Transfer - Make another party responsible - the Projector team. They are responsible for marketing and advertising, as well as registering enough students for the course start.
4	Not engaging	Lack of time of work material and delivery. The students will complete and receive regular feedback for the course.	Customer Satisfaction	The students will complete and receive regular feedback for the course.	2	2	4	Maryna	Open	Risk	Mitigate	Plan the lessons carefully with varied forms of work and different activity types, actively using online learning tools.
5	Some students will drop out	Some students will drop out of the course.	Budget	Students may be dissatisfied and ask for their money back.	2	2	4	Maryna	Open	Risk	Accept	It is possible, no other actions are to be done to prevent it.
6	Telegram bot	Telegram bot features will not work properly or there will be bugs.	Time	The testing stage will have to be extended and budgeted.	2	3	6	Maryna	Open	Risk	Mitigate	Estimate the right time and allocate enough resources for the planning, analysis and design stages of the telegram bot development.

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«ПОЗИТИВНІ» РИЗИКИ

WHAT IF I TOLD YOU THERE WERE "POSITIVE RISKS"?

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- Because the client has expressed an urgent need for our product, we may be able to insist on experienced resources to serve on the project team, which would lead to improved quality, cost, and schedule performance.
- As a result of the good history of collaboration with our supply chain, interface management may experience fewer issues than expected, which would have a positive impact on the schedule.
- Because many other large projects are being executed concurrently, we might be able to negotiate better terms with the current fabrication subcontractor and capitalise on economies of scale, which would lead to cost savings and improved schedule.
- Because we have to outsource production, we may be able to learn new practices from our selected partner, which would lead to increased productivity and profitability.
- Because we have an existing product range, a higher level of technology reuse than planned may be possible, leading to savings in effort and cost.
- Because there are three other projects taking place in the same time frame, we may be able to utilise skilled staff as they become available from another project, which would allow us to deliver early to the customer.

Slide 13 of 15 | English (Ukrainian) | Accessibility: Investigate | 96%

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