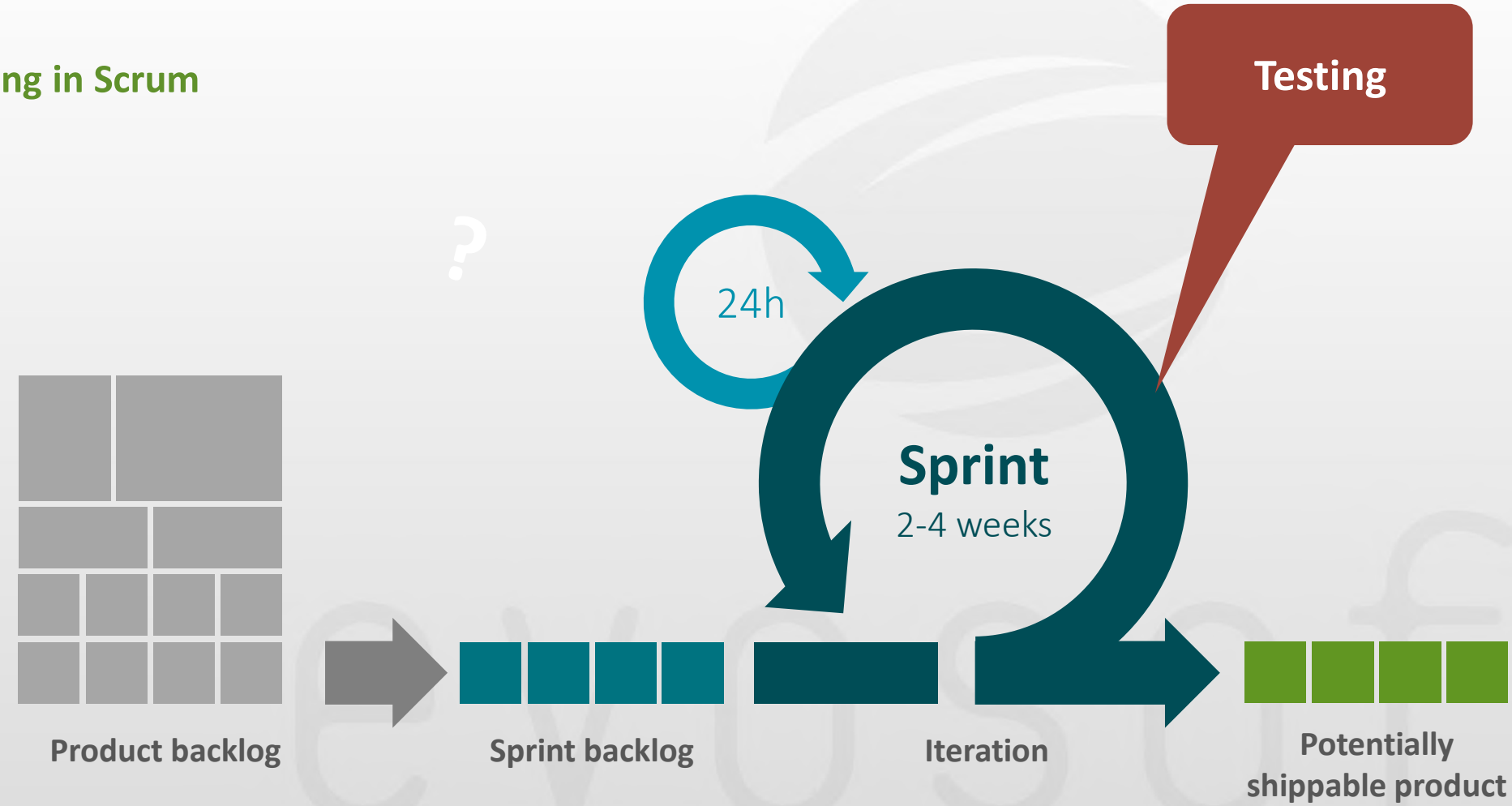
Risk Based Testing in agile teams

Csaba Szökőcs – evosoft Hungary Kft.

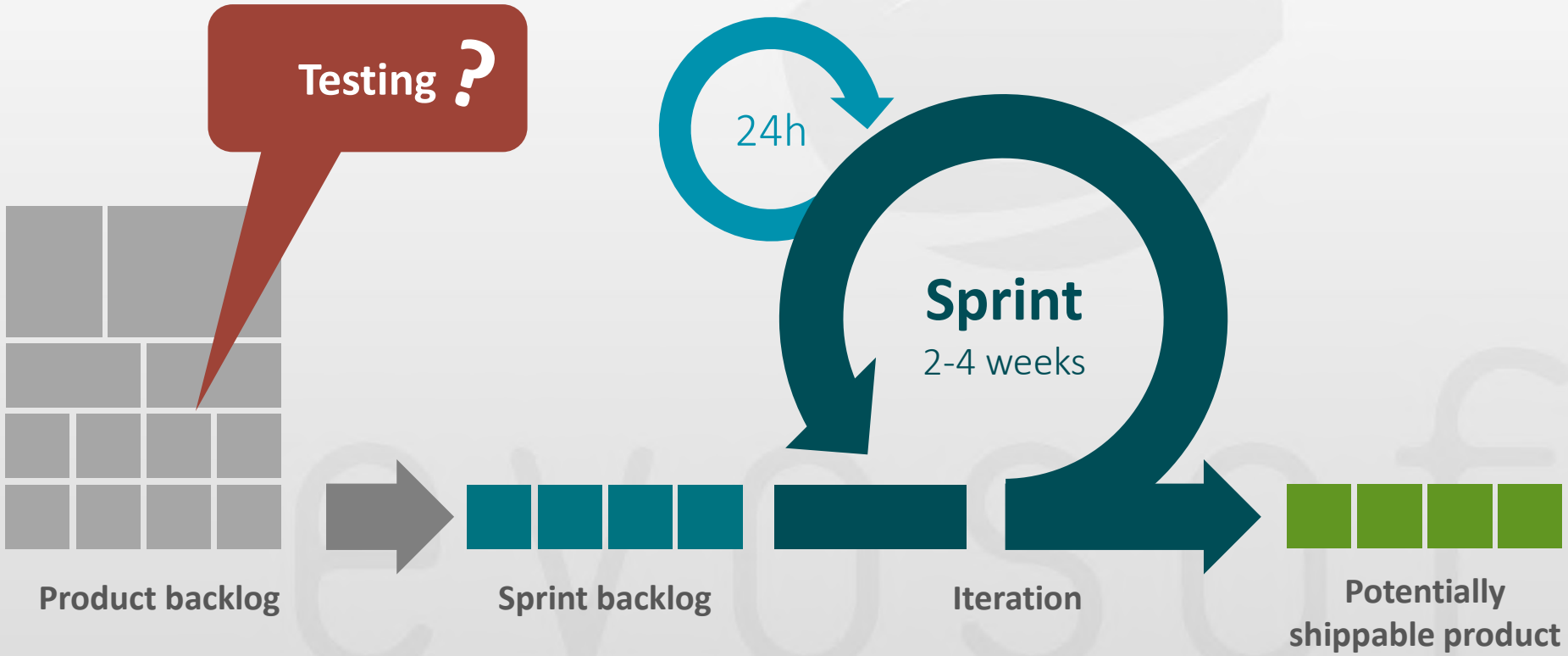
TestCon

Capriolo

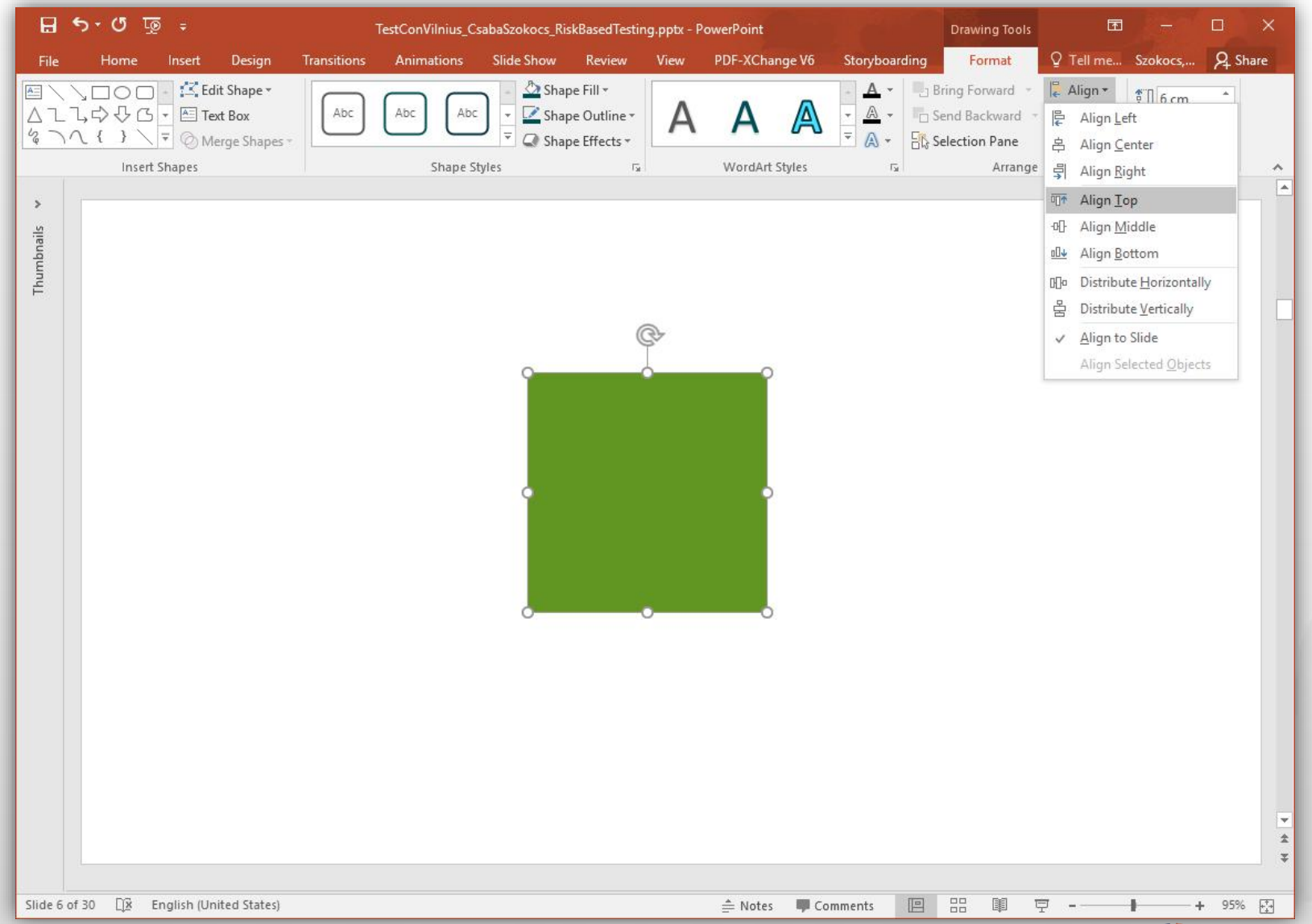
Testing in Scrum



Testing in Scrum



Process of Risk Based Testing in agile teams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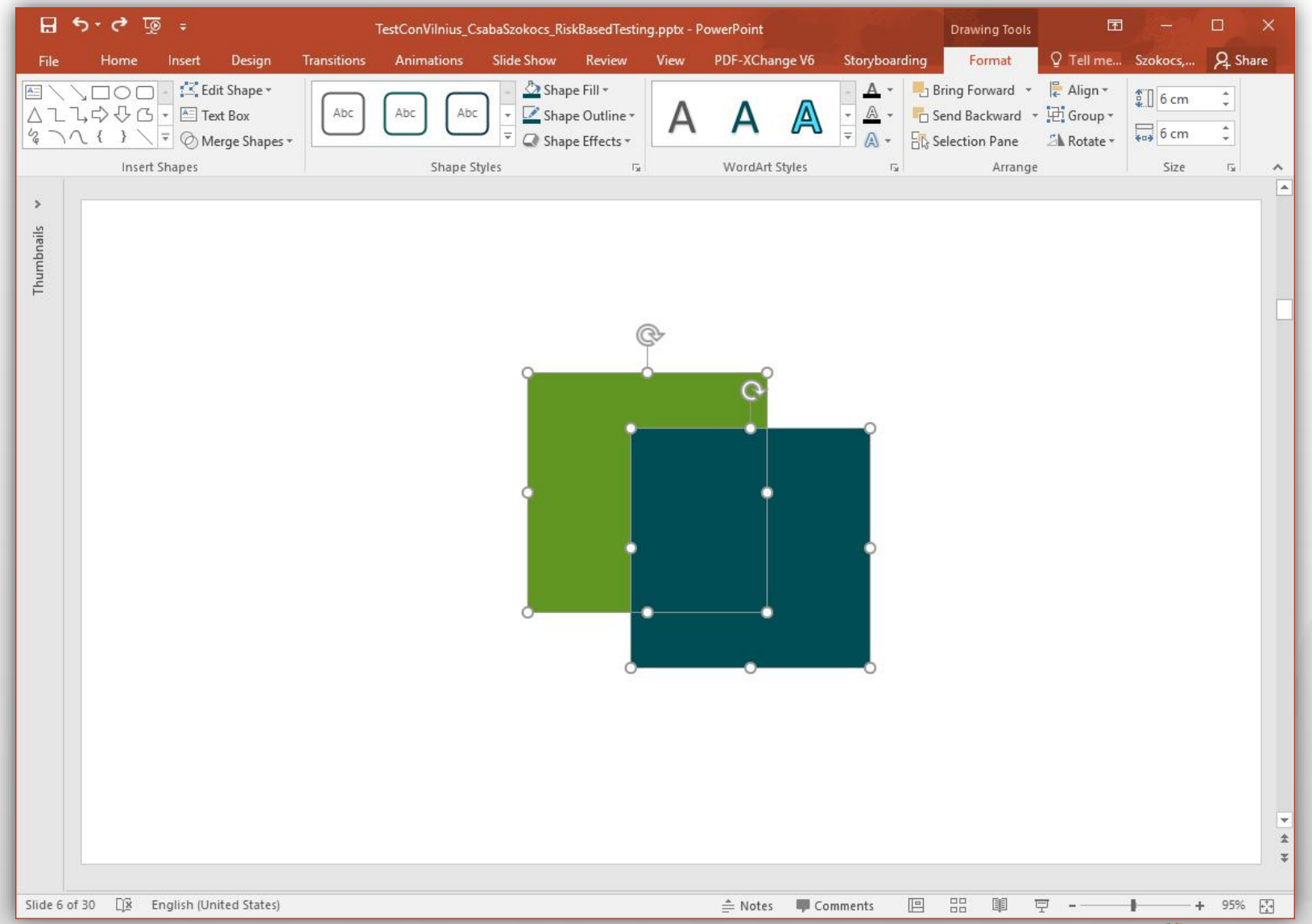
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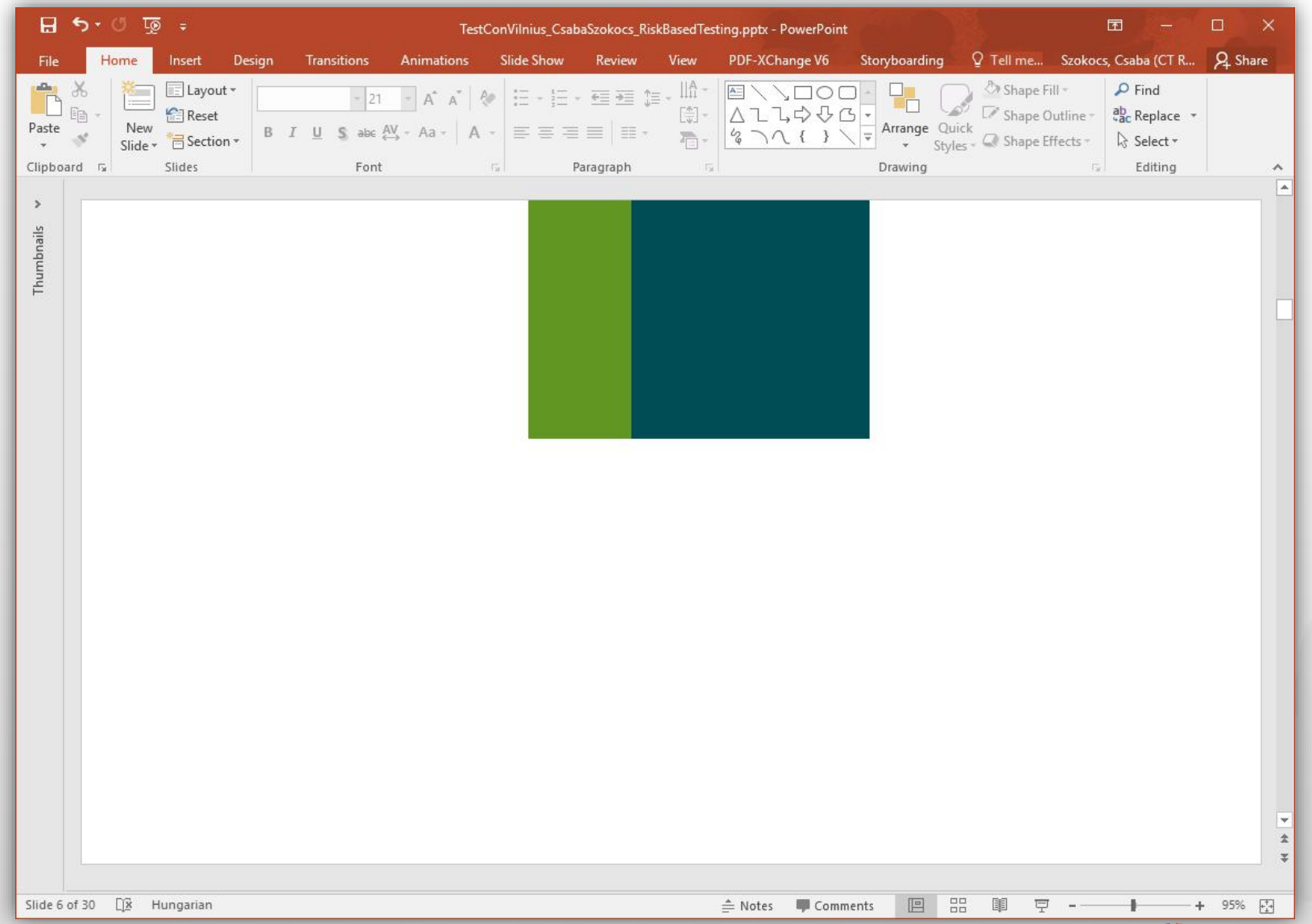
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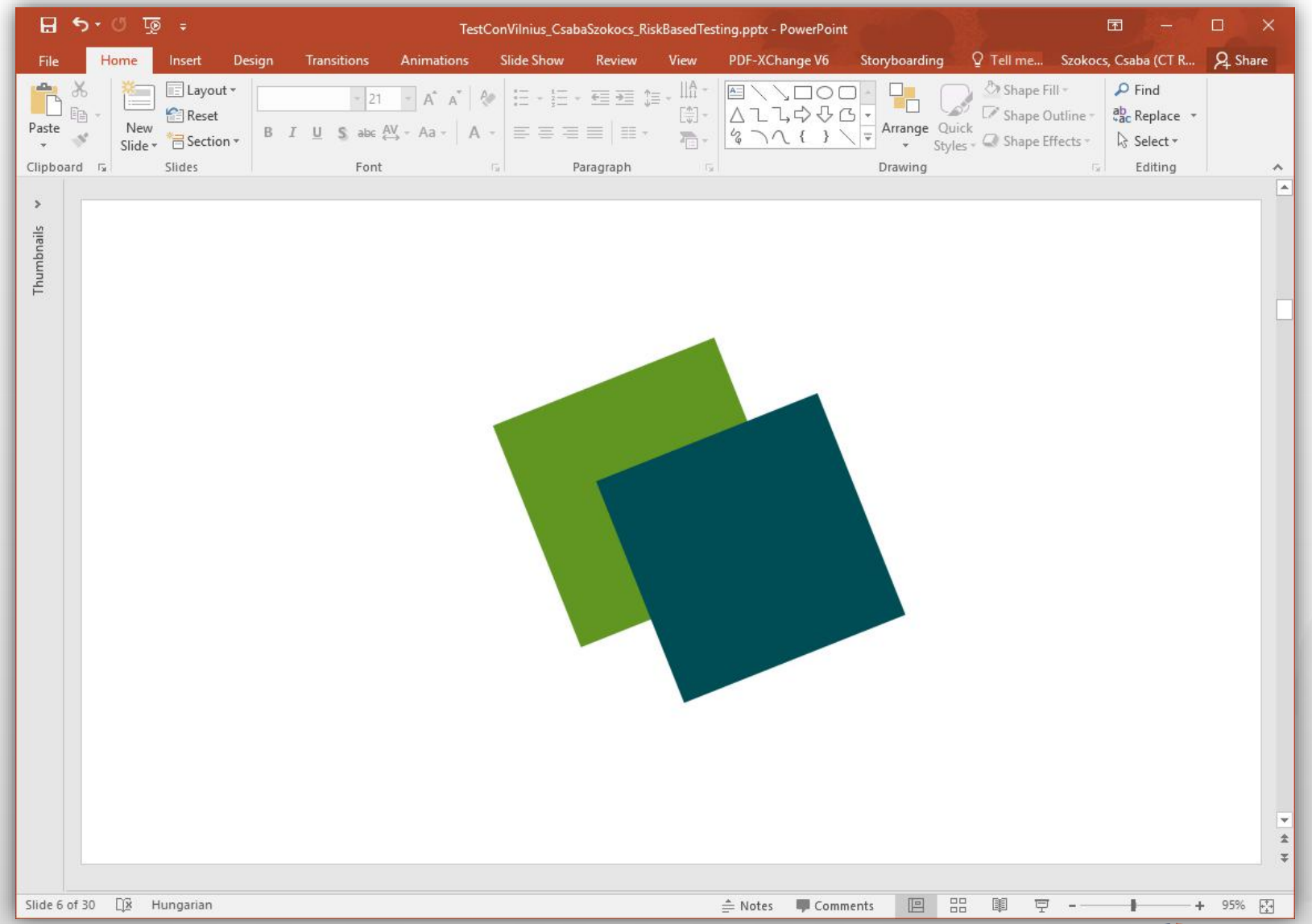
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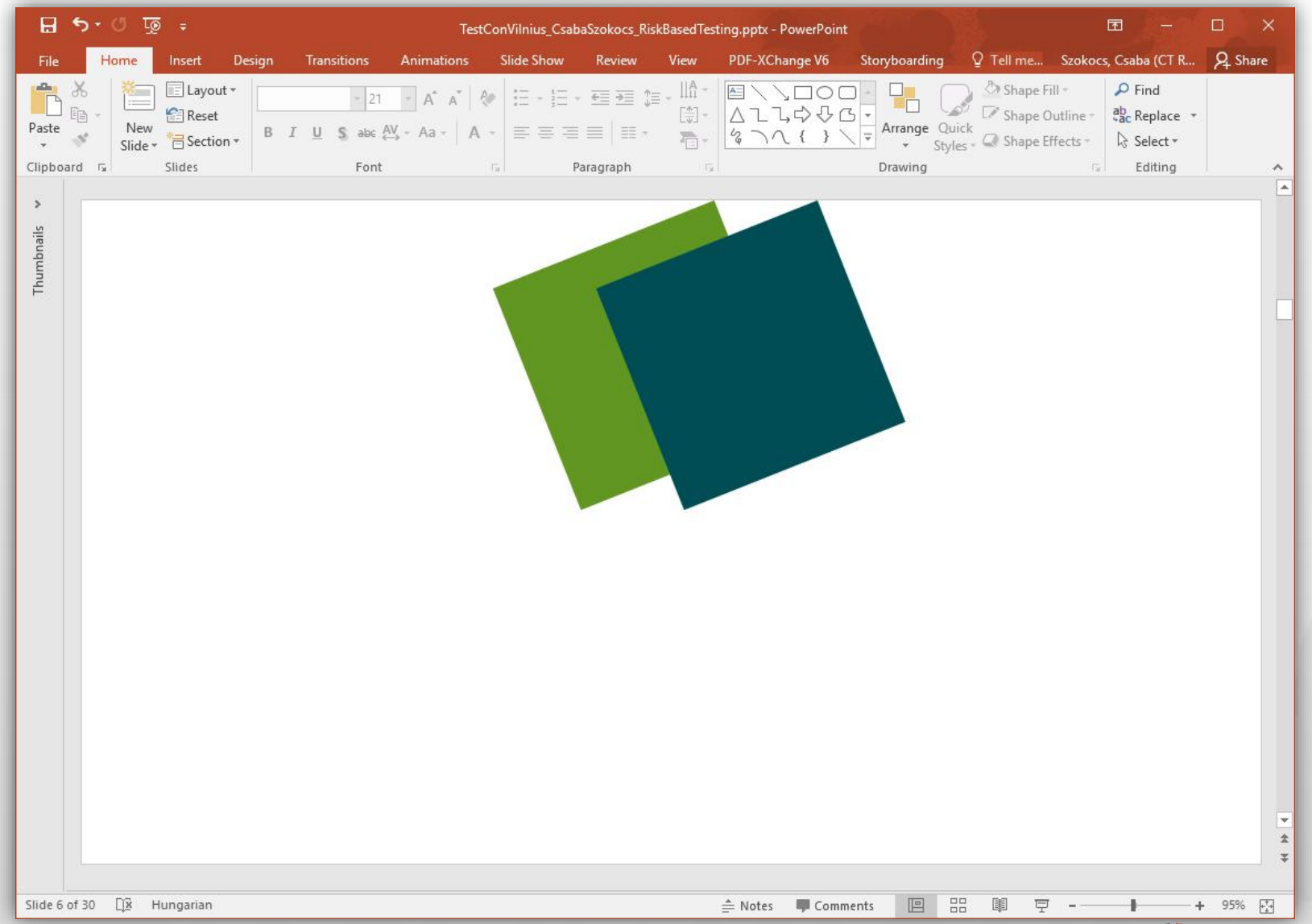
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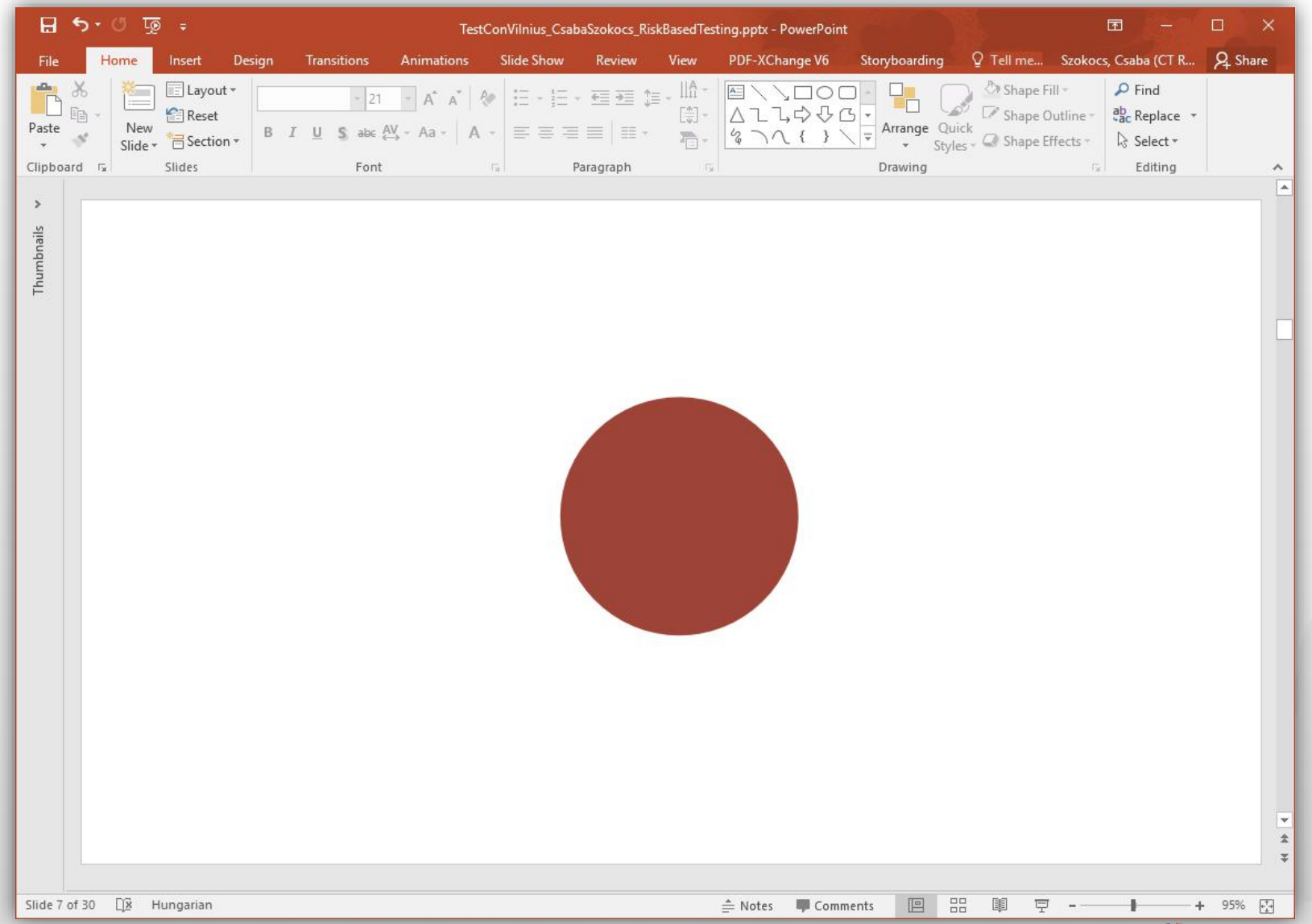
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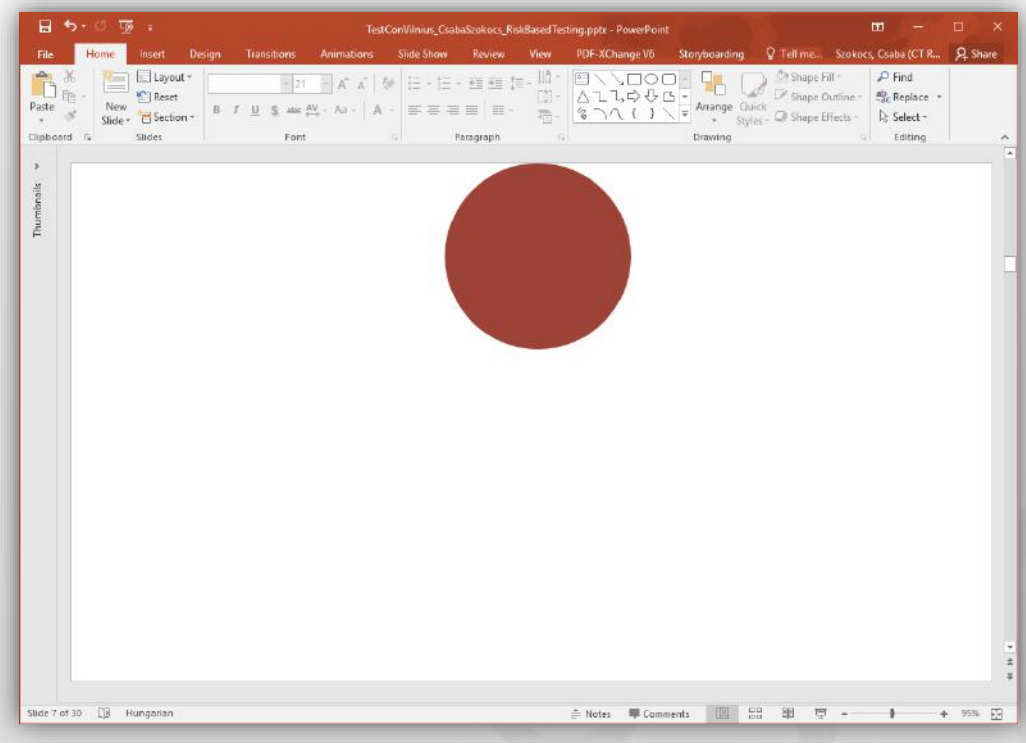
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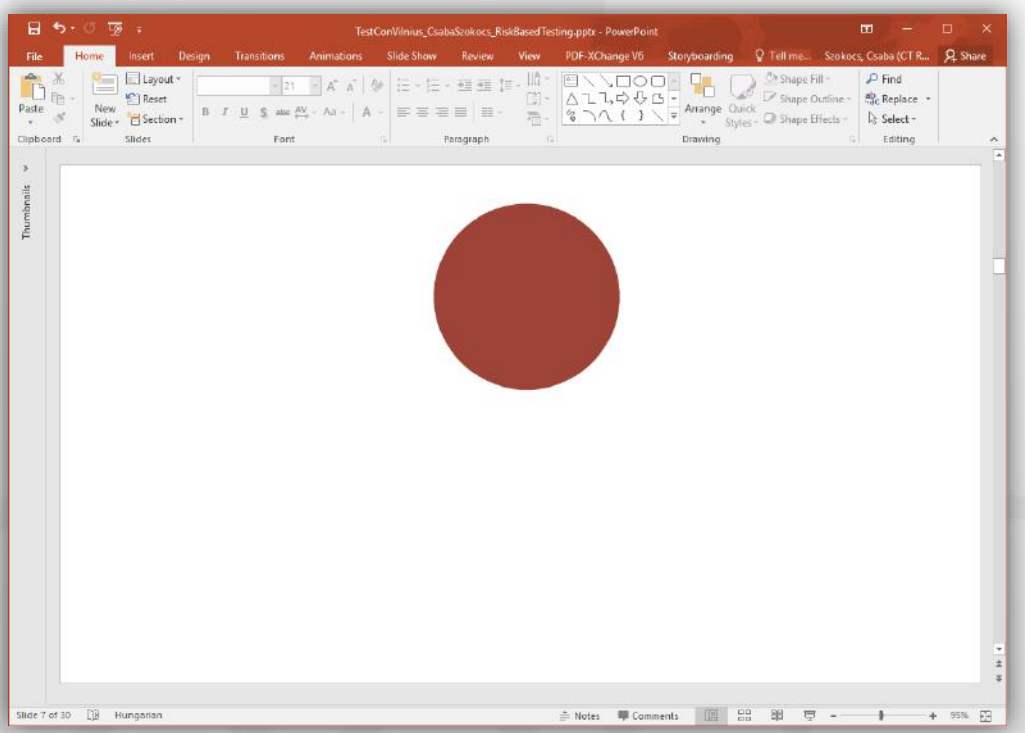
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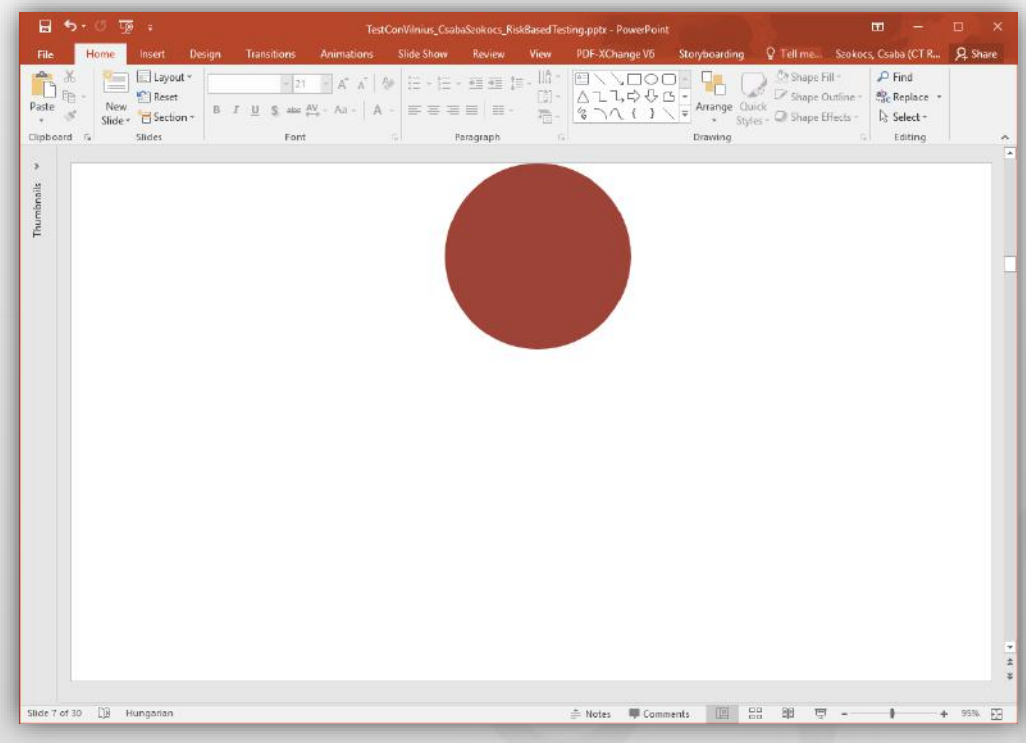
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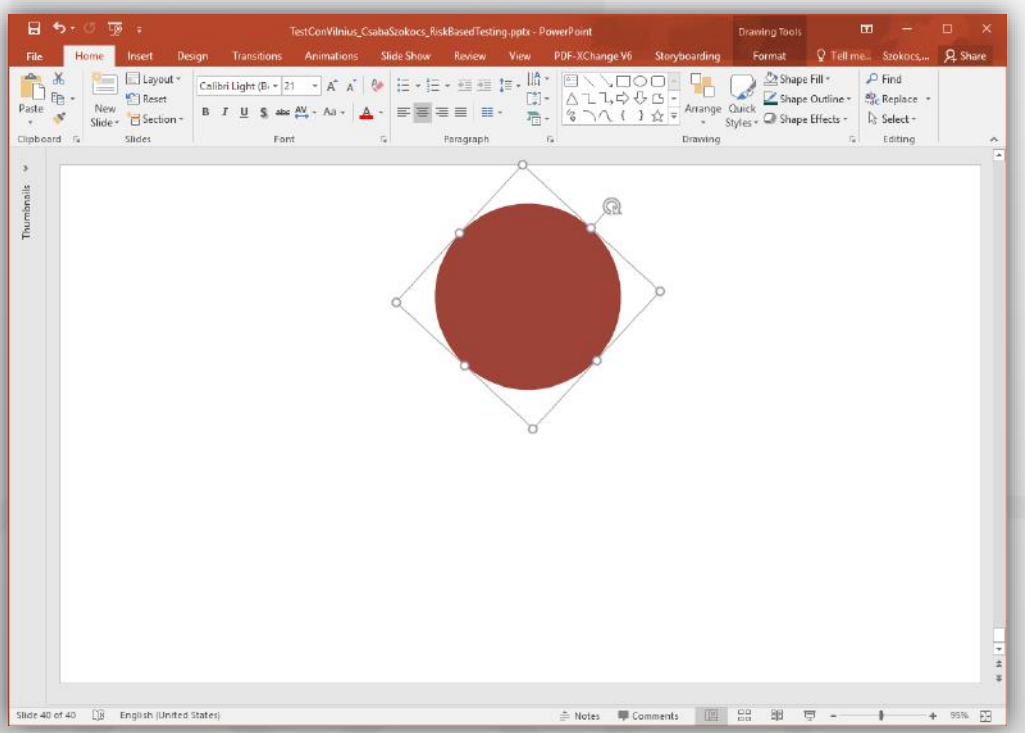
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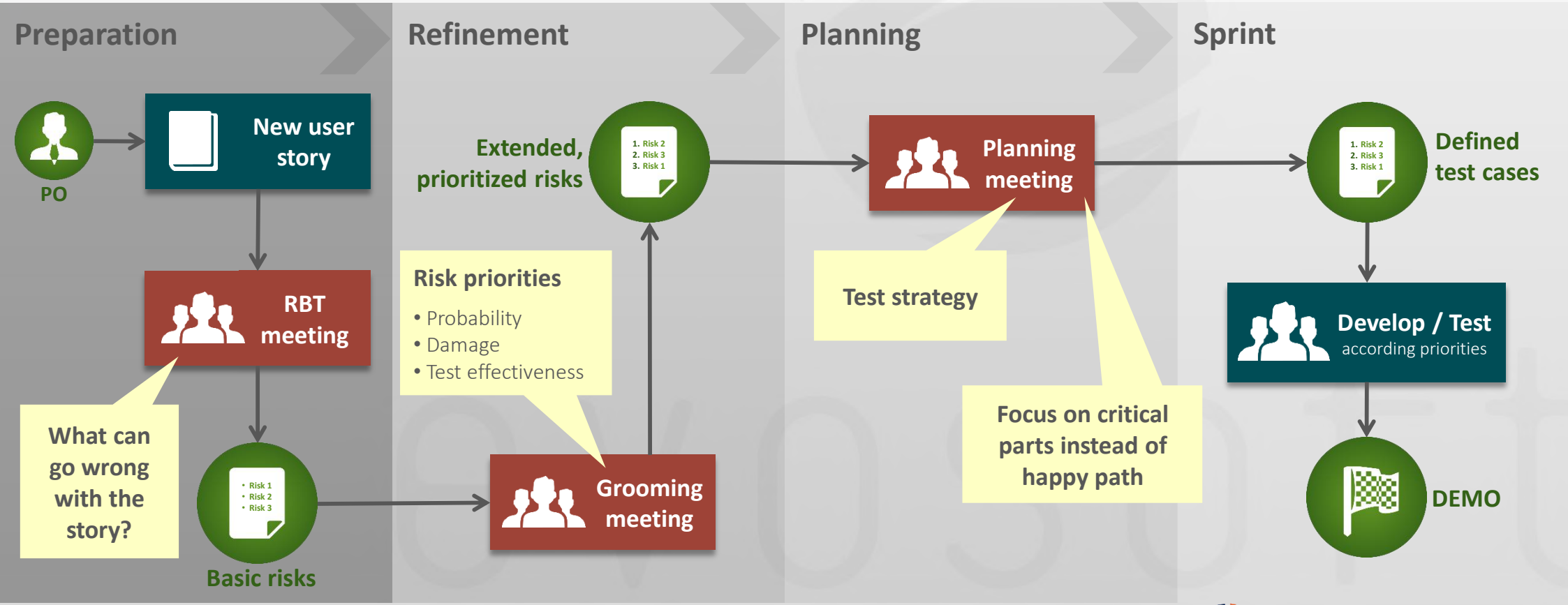
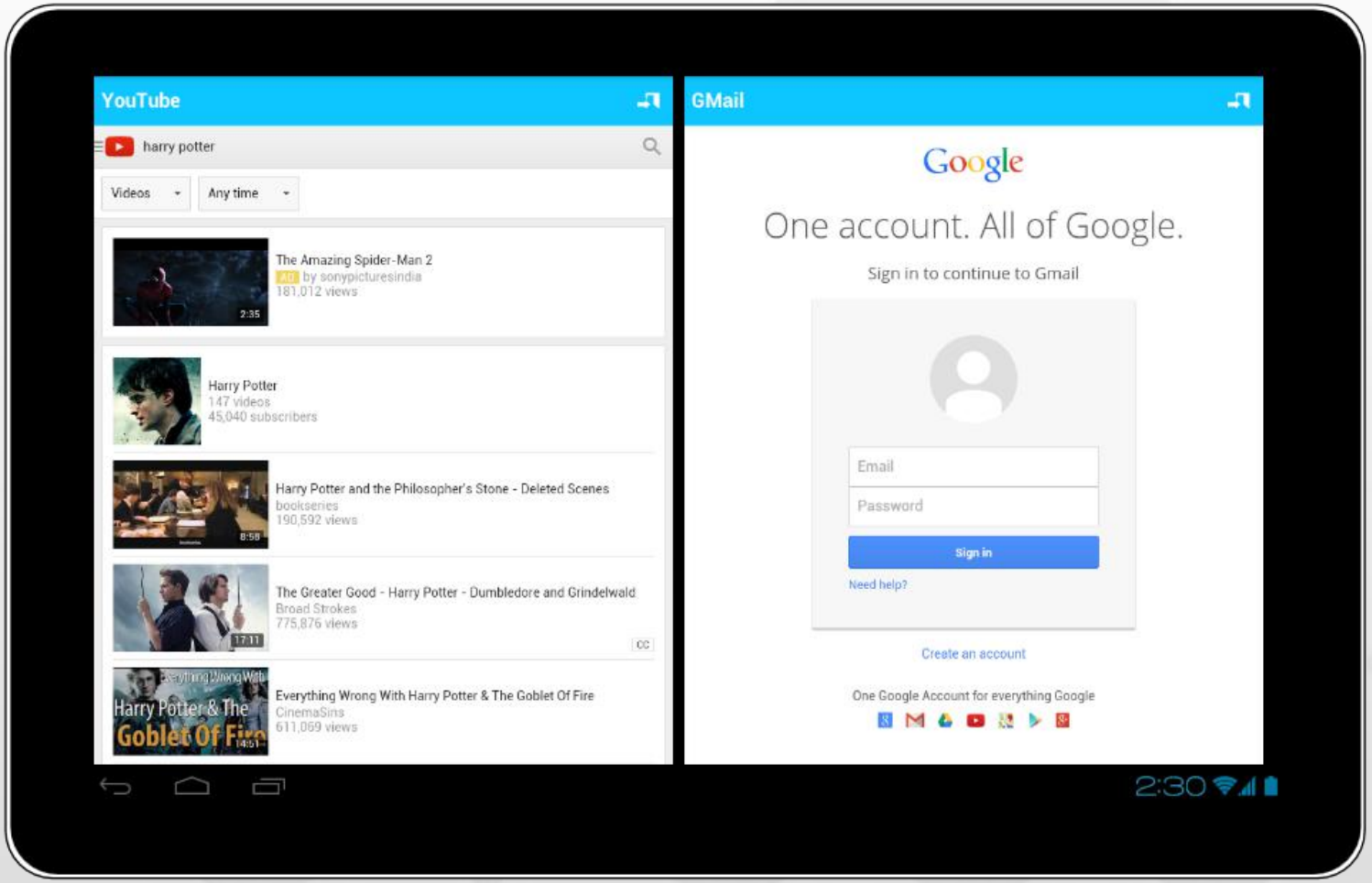
Tips for collecting risks

1. Focus on the user story
2. Invite experts from other teams
3. Collect risks, not test cases
4. Consider possible side effects
5. Check features in combination
6. Participation is optional
7. **Collect risks from different areas**
   NFRs, claims, design decisions, previous bugs, experience, check list

Process of Risk Based Testing in agile teams



Example: Split screen in Android



Risk	Probability	Damage	Exposure	Test effectiveness	Priority
The Back button closes the wrong application	2	3	**6**	3	**18**
The keyboard is active in the wrong application	3	5	**15**	5	**75**
Zooming with two fingers does not work	5	2	**10**	2	**20**
Sound gets mixed between applications	1	1	**1**	4	**4**
Battery goes dead too quickly	4	4	**16**	1	**16**

Benefits

- Test-driven
- More value in tests
- Motivation
- Avoid side effects

Dangers
False sense of security
Too much time
Overdo
Shift responsibility

Risk Based Testing
?
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Contact

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Counterpart

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