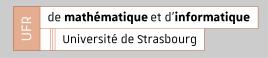
## Introduction to Agile Software Development



Carpi Lapi, Regardin, Senger, Sengler

February 7, 2024

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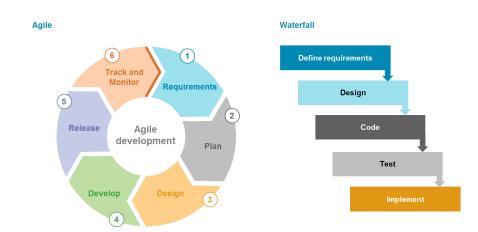
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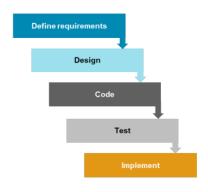
- planning
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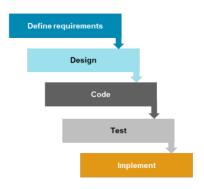
- breaking the project into phases
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- planning
- executing
- evaluating

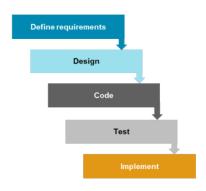




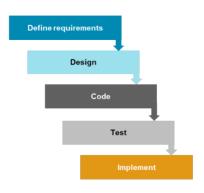
 Emphasizes detailed upfront planning



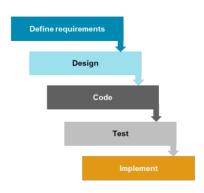
- Emphasizes detailed upfront planning
- Progress is measured by meeting project milestones

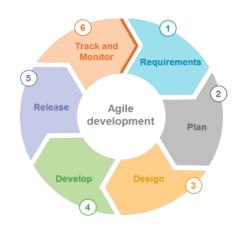


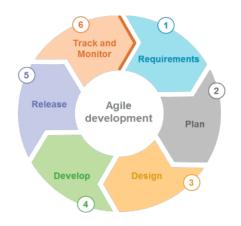
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- Rigidity can lead to difficulties in responding to changes



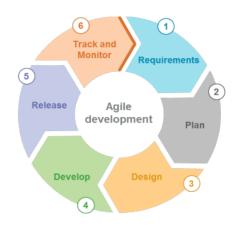
- Emphasizes detailed upfront planning
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- Suitable for projects with well-defined requirements



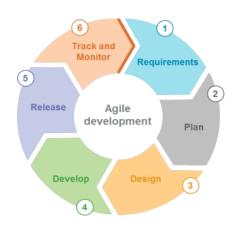




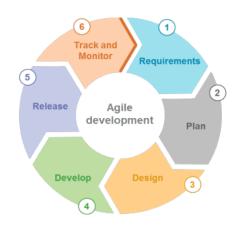
Iterative and incremental development



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- Adaptive approach to changing requirements

the Agile Manifesto:

4 values

- 2 12 commandments of Agile development
- 3 Agile mindset:

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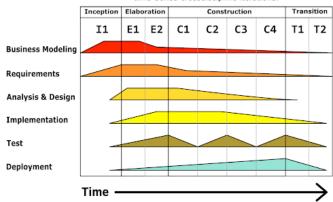
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  - Frequent Delivery

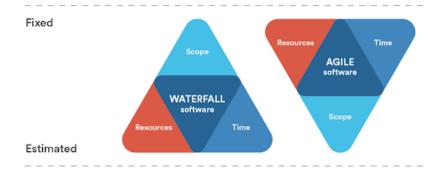
### The Agile Timeline

#### **Iterative Development**

Business value is delivered incrementally in time-boxed crossdiscipline iterations.



## Pros and Cons of the Agile Method



Conclusion

Remain flexible, stay agile!

### References

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