

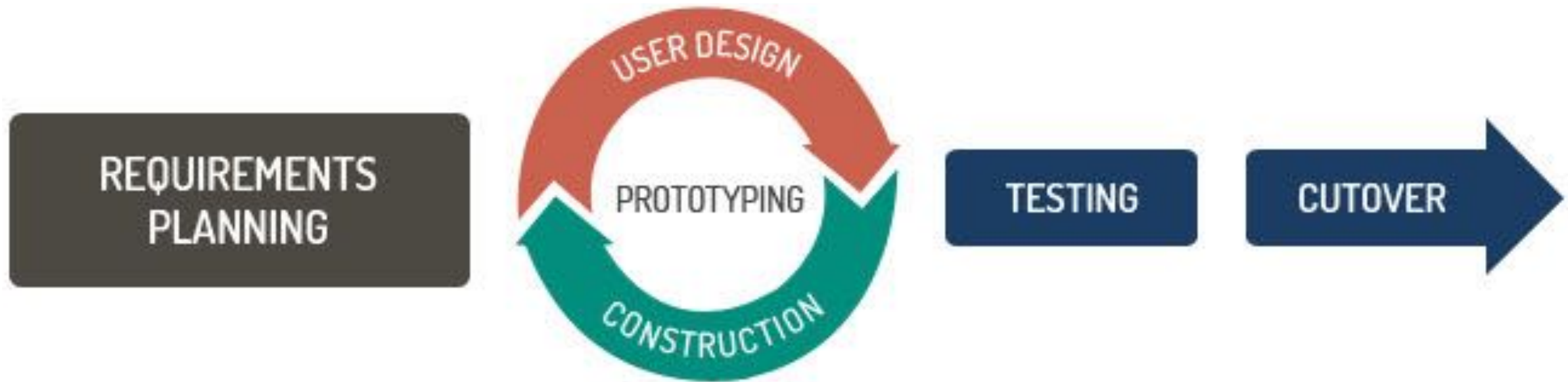


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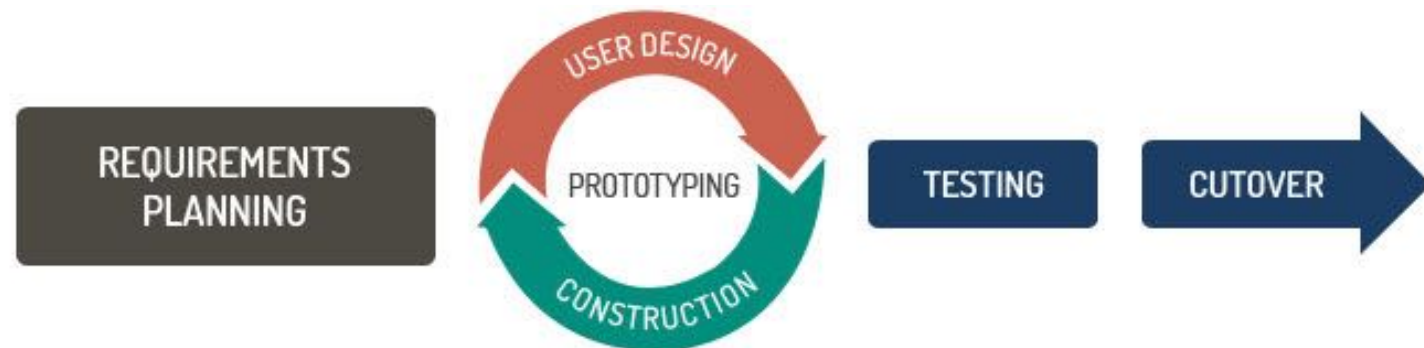
INTERNATIONAL UNIVERSITY IN TASHKENT

An Accredited Institution of the University of Westminster (UK)

# Rapid Application Development (RAD)



- Rapidly and incrementally construct prototypes, instead of large up-front planning.
- In each increment do:
  1. Identify and develop Data Models and Business Process Models;
  2. Verify and validate your Data Models and Business Process Models using prototyping.
  3. Define a deadline (“timebox”), develop, test and deploy. If you’re missing your deadline, don’t move it, throw away non critical system functionalities.



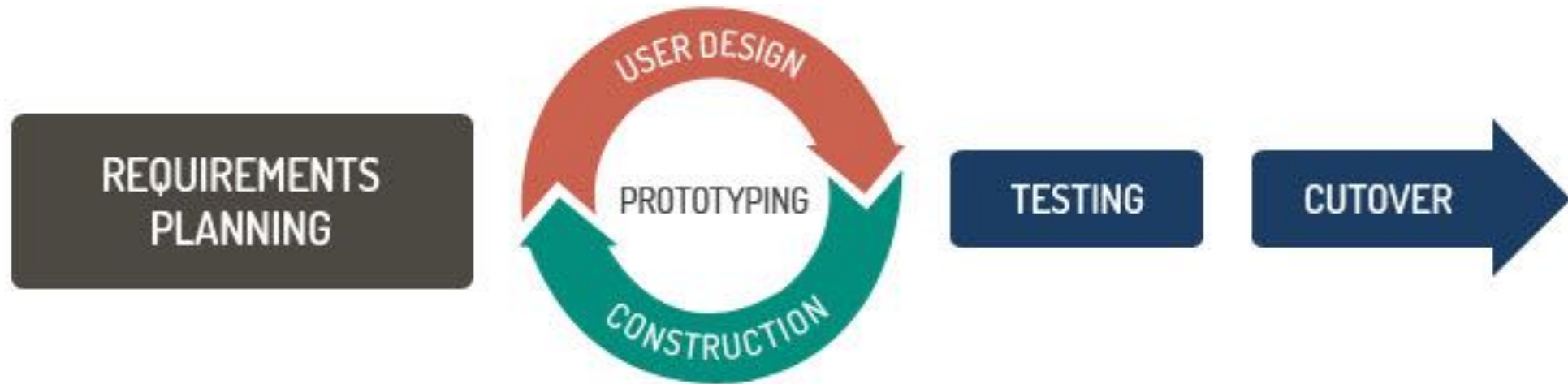
## Advantages

- Reduce inherent upfront-planning project risk.
- Deliver working system fast, at a lower cost.
- Fulfills business needs first and not the technical.
- Involves end-users, which helps to improve the system quality.

## Disadvantages

- Requires self-motivated and professional team.
- Works with the systems that can be modularized.
- May deliver a system that is not production-ready, if the prototype qualities are not monitored.
- Does not produce extended documentation.

- What problems / risks are we addressing?
- What are the “side effects”?
- When would you use it?



# **Coursework Overview & Questions**

- Wikipedia, (2015). *Spiral model*. [online] Available at: [https://en.wikipedia.org/wiki/Spiral\\_model](https://en.wikipedia.org/wiki/Spiral_model) [Accessed 26 Oct. 2015].
- Wikipedia, (2015). *Rapid application development*. [online] Available at: [https://en.wikipedia.org/wiki/Rapid\\_application\\_development](https://en.wikipedia.org/wiki/Rapid_application_development) [Accessed 26 Oct. 2015].
- *Google...*