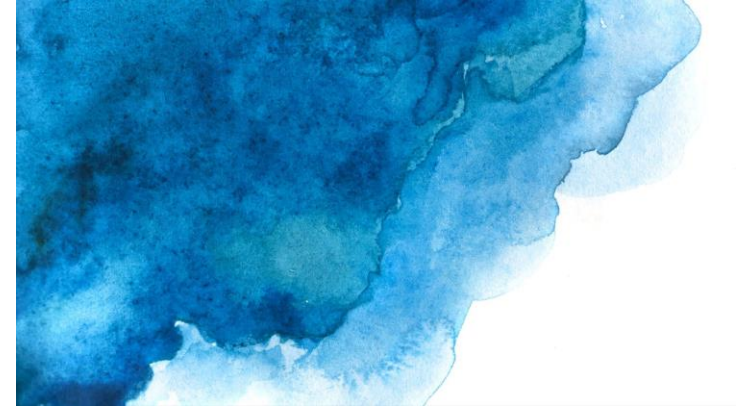


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# Agile Development



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# Explaining Agile Roles

## **Product Owner**

Maximizes value of the product and work of the Development Team.

## **Scrum Master**

Provides guidance in Agile principals

Is the servant-leader to the Product Owner

Facilitates Scrum events

## **Development Team**

Consisting of Developers and Testers

Self-organized

Cross-functional

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# Software Development Lifecycle

## 1. Analysis

Collaborate with stakeholder.

Gather Requirements.

## 2. Design

Define detailed process for functionality.

Define technologies, limitations, time frames, and budget.

## 3. Implementation

Development begins

Functionality is broken up into smaller increments.

## 4. Testing

Occurs in conjunction with Development.

Process for identifying and mitigating reported defects and issue tracking.

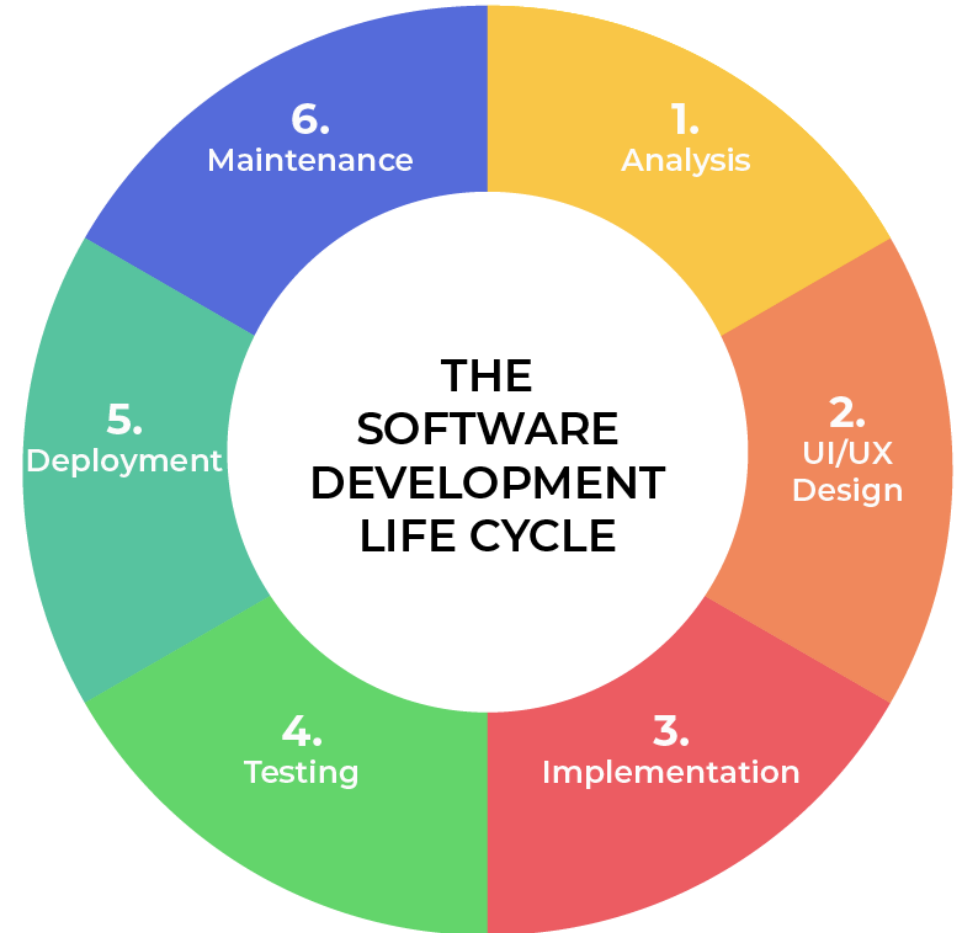
## 5. Deployment

Testing complete and product is released to market.

## 6. Maintenance

Product in production environment.

Developers must be ready to implement NEW features and bug fixes as they come up.



No need to  
define all  
requirements.

Major  
requirements  
can be defined  
but functionality  
can evolve over  
time.

No time to  
Market  
constraint.

**Agile**

**VS**

**Waterfall**

All  
requirements  
must be  
defined.

Contract  
Negotiation.

Sequential/Linear  
stages.

Best for  
simple,  
unchanging  
projects.



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# References

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