



# AGILE PRESENTATION

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CS-250: 7-1 Project

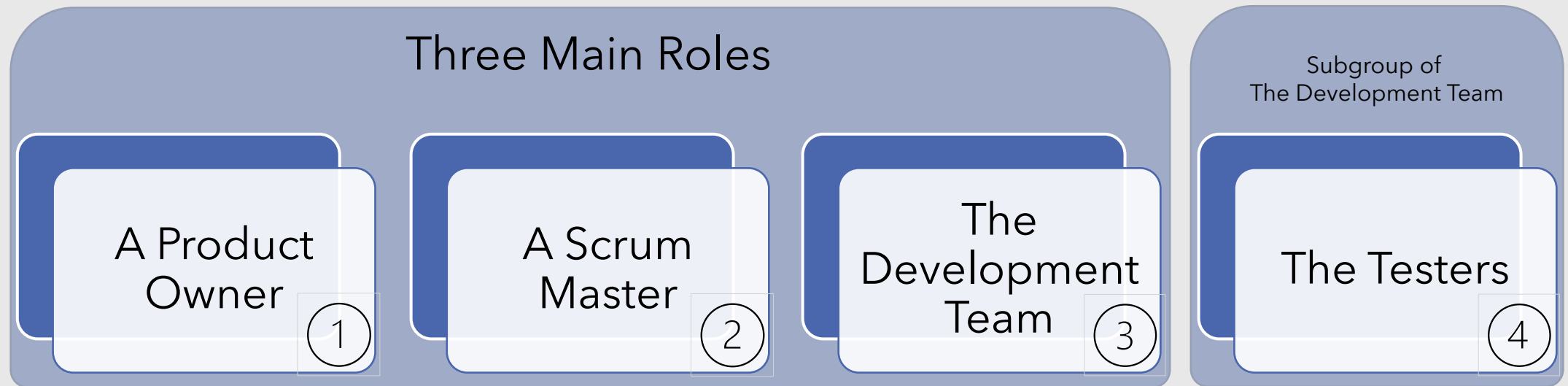




# SCRUM TEAM ROLES

What are the Scrum Team Roles and what do they do?

# Scrum Team Roles





# Product Owner

- Only One
- Assigns work

## Responsibilities

- Maintains the vision for the product
- Communicates with the client
- Prioritizes the Product Backlog
- Creating acceptance criteria



# Scrum Master

- Only one
- Knows all about Scrum
- Facilitator for scrum events
- NOT the boss!

## Responsibilities

- Coaching Team Members
- Lead daily Scrum standup
- Advisor for Scrum

# Development Team

- 2-4 Developers are normal
- Required skills to make a product
- They choose HOW it is done
- They estimate the time for a project

## Responsibilities

- Completing User Stories
- Estimating item times
- “Divvying” up the work amongst themselves



# Testers

## (Part of the Development Team)

- 2-3 Testers are normal
- Can be separate from the developers
- Can be the developers

### Responsibilities

- Create Test Cases for User Stories
  - Ensure they are performing correctly

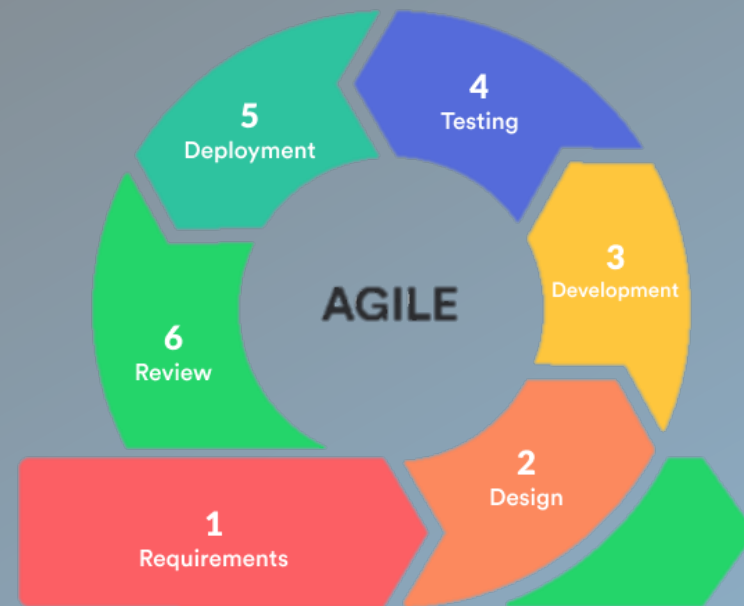
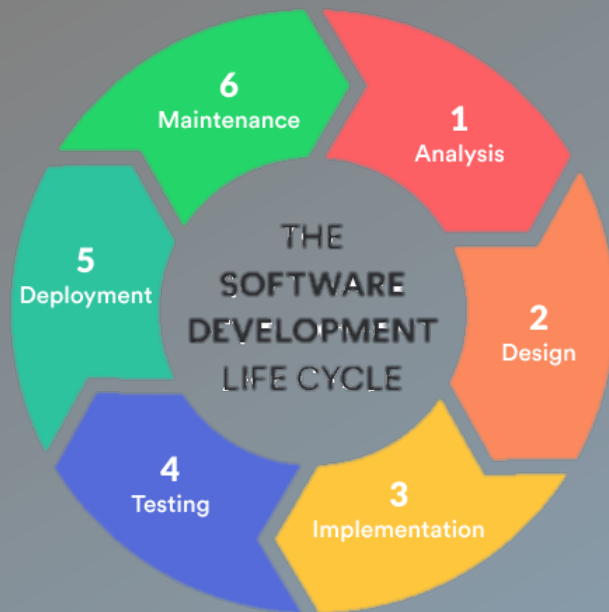


# SDLC & AGILE

How does the SDLC work with an agile approach?




# Differences?





WHAT WOULD I  
CHOOSE?



# Factors to Consider

- Daily Standups
- Better Communication
- Better than waterfall or other traditional methods
  - Better testing
    - Smaller sections to test
  - Creative solutions



# Resources

- Charles G. Cobb. (2015). *The Project Manager's Guide to Mastering Agile : Principles and Practices for an Adaptive Approach*. Wiley.
- Anurina, O. (2021, November 12). *Agile SDLC: Skyrocketing Your Project with Agile Principles*. Retrieved from MLSDev: <https://mlsdev.com/blog/agile-sdlc>