

# On your marks, get set, go!

## Leveraging agile methodology and mindset to enhance project management

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## Disclosure

- This activity is being presented without bias and without commercial support.
- The speaker has no actual or potential conflict of interest in relation to this presentation.
- Continuing Education (CE) credit is available at the end of the presentation for both pharmacists and pharmacy technicians.

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## Objectives

- Define agile methodology
- Identify concepts of agile methodology that correlate to project management principles

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## Project management or problem management?

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## Defining Agile Methodology

**Key takeaways:**

- Shortened design time allows for more development time
- Shortened, but more frequent testing allows for more usability
- Audience/stakeholder engagement is crucial

Agile Alliance. (2023). The 12 Principles behind the Agile Manifesto: Agile Essentials. <https://www.agilealliance.org/agile101/12-principles-behind-the-agile-manifesto/>

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## Agile Manifesto

<b>Individuals and interactions</b>	Over processes and tools
<b>Working software</b>	Over comprehensive documentation
<b>Customer collaboration</b>	Over contract negotiation
<b>Responding to change</b>	Over following a plan


Agile Alliance. (2023). The 12 Principles behind the Agile Manifesto: Agile Essentials. <https://www.agilealliance.org/agile101/12-principles-behind-the-agile-manifesto/>

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## Think – Pair - Share

Is your institution (or healthcare) agile in producing change, change management, or project management?

What are some opportunities for improvement? What is working well?




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## Knowledge Check:

Which of the following is a defining characteristic of agile methodology and manifesto?

- A. Individuals and interactions over documentation and technique
- B. Individuals and interactions over project and tools
- C. Individuals and interactions over processes and tools
- D. Individuals and interactions over products and tools



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## Sprinting to success


A common agile strategy for project management



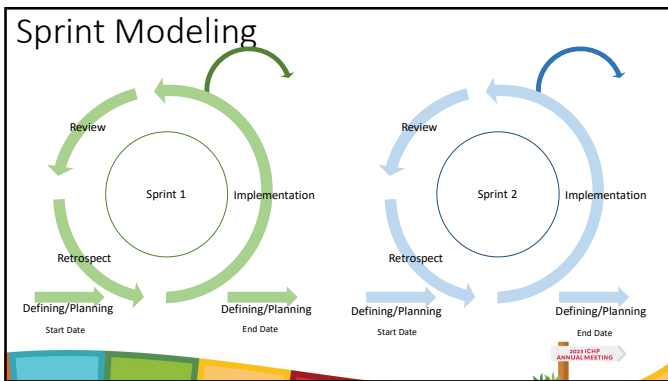
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## Defining a sprint!

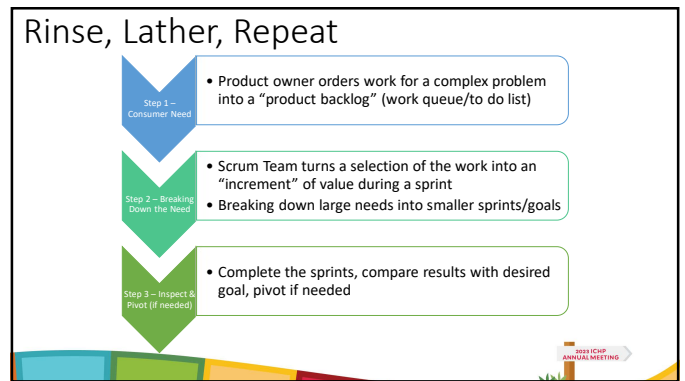
- Fixed-time phase
- Defined goals and objectives
- Defined deliverables with consumer input
- Group process, not individual



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## Sprint Modeling

Product Manager	Developers	Product Owner	Scrum Master
<ul style="list-style-type: none"> <li>Owns the strategy behind a product, analyze market conditions, and coordinate work done by others</li> <li>"Leader"</li> </ul>	<ul style="list-style-type: none"> <li>Plan and execute any undertaking with a defined scope (backlog) and a defined start and end</li> <li>"Doers"</li> </ul>	<ul style="list-style-type: none"> <li>Represents the customer; Liaison between development team and stakeholders</li> <li>Coordinates sprint planning and test planning</li> <li>"Project manager"</li> </ul>	<ul style="list-style-type: none"> <li>Accountable for removing impediments for the team to deliver product goals and deliverable</li> <li>"Agile coach"</li> </ul>

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## Modeling Agile Methodology

### Scenario:

You are a Manager of Pharmacy Operations at a community hospital. Your Director of Pharmacy comes to you to ask for your help in implementing a Humira biosimilar at your site that will go live within one month (4 weeks). You can use your two pharmacy residents, one technician lead, and one pharmacy practice coordinator of central pharmacy operations, and your informatics team lead to assist you. This includes the following tasks:

- Electronic Health Record build
- Education (provider, patient, and pharmacy staff)
- Inventory management process (ordering, storing, etc.)
- Pharmacy operations management (confirming order, compounding, etc.)

### Ask:

- How many sprints would you have?
- Who's roles would be what?
- How would you prioritize your sprints and time?
- What other stakeholders would you want involved (if any)?

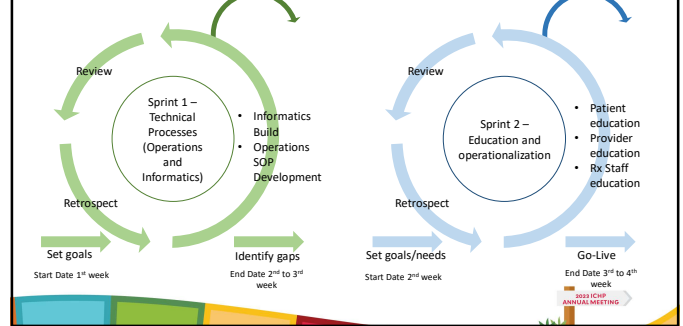
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## Example - Scrum Framework

Product Manager	Developers	Product Owner	Scrum Master
<ul style="list-style-type: none"> <li>Pharmacy Manager</li> <li>Goal: Responsible for ensuring Humira biosimilar is launched on time in 1 month</li> </ul>	<ul style="list-style-type: none"> <li>Pharmacy Residents; Informatics team; and Pharmacy Technician Lead</li> <li>Goal: Complete informatics build, operationalize inventory management and operations SOP; education sheet development</li> </ul>	<ul style="list-style-type: none"> <li>Pharmacy Manager</li> <li>Goal: Updating the Director of Pharmacy; ensuring all operational, informatics, and education needs met</li> </ul>	<ul style="list-style-type: none"> <li>Pharmacy Practice Coordinator</li> <li>Goal: Responsible for ensuring sprints run smoothly, on-time, and coordinates needs of team</li> </ul>

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## Example – Sprint Modeling



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Thank you

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