



We Care Your Pet





Project Title:

Agile Model in Software Engineering  
(Pet Care System)

Course: Software Engineering

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## Introduction to Software Process Models

- Software process models guide how software is developed.
- Different models exist: Agile, Waterfall, Iterative, etc.
- Agile focuses on flexibility, continuous feedback, and iterative development.

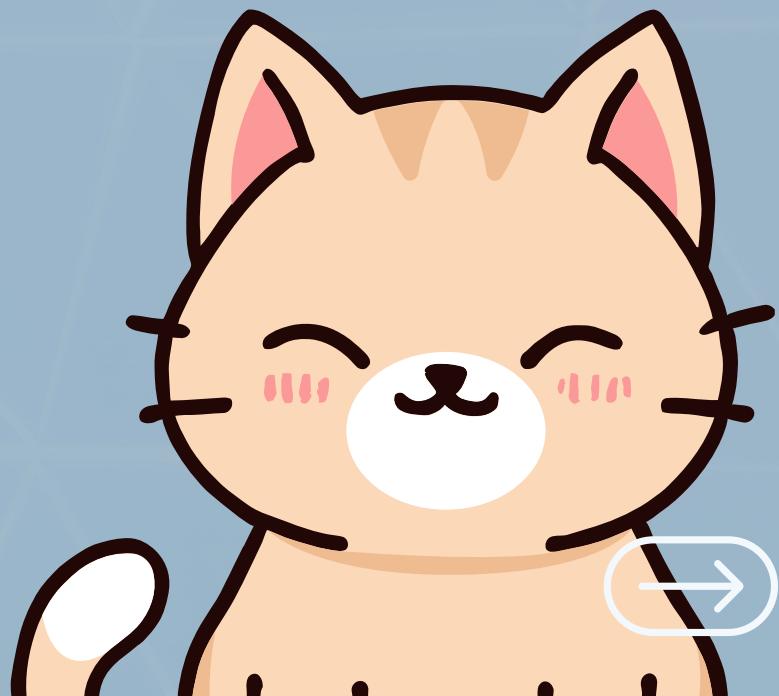




# What is Agile?

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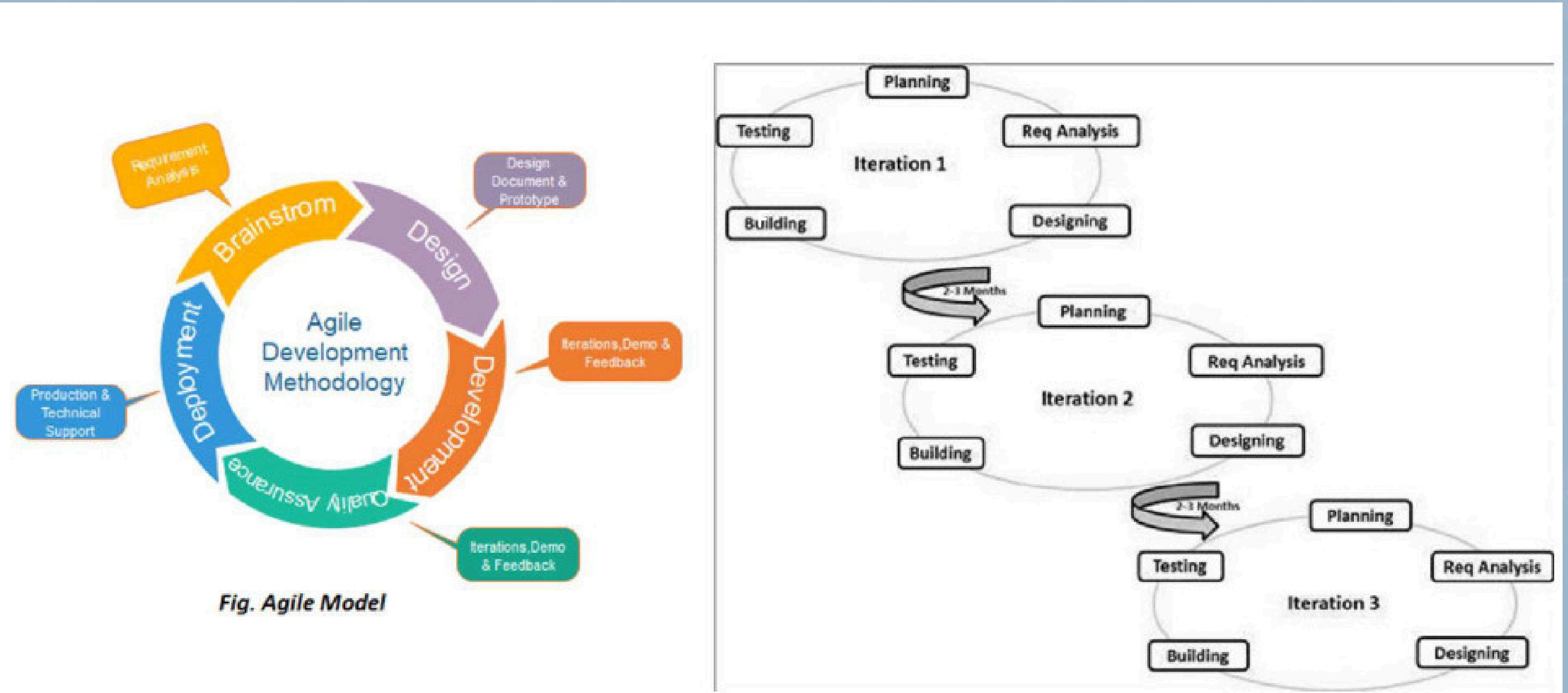
- Agile is a step-by-step approach to software development.
- Software is delivered in small increments for quick feedback and improvements.
- Encourages collaboration between teams and customers.

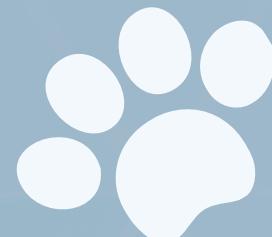




# Agile Methodology

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## Pros of Agile Model

Faster Delivery

Flexible & Adaptable

Better Collaboration

Customer Satisfaction





## Cons of Agile Model

Less Predictable

Requires Active Involvement

Limited Documentation

Not Ideal for Fixed-Scope Projects





# Use Cases of Agile Model

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- Software Development
- Startups & Product Development
- Game Development
- Banking & Financial Software





# Agile in Pet Care System

- Fast Adaptation to Changes and Improvements.
- User feedback helps improve pet tracking, appointments, and reminders.
- Flexibility to add new services based on demand.





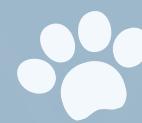
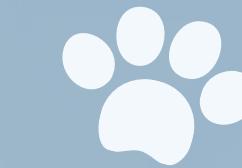
# Comparison with Other Models

Feature	Agile	Iterative	Incremental
Flexibility	High	Medium	Low
Delivery speed	Fast	Medium	Slow
Feedback	Continuous	Cyclic	After full increment
Best for	Dynamic projects	Improving existing systems	Structured projects





# Real-World Applications



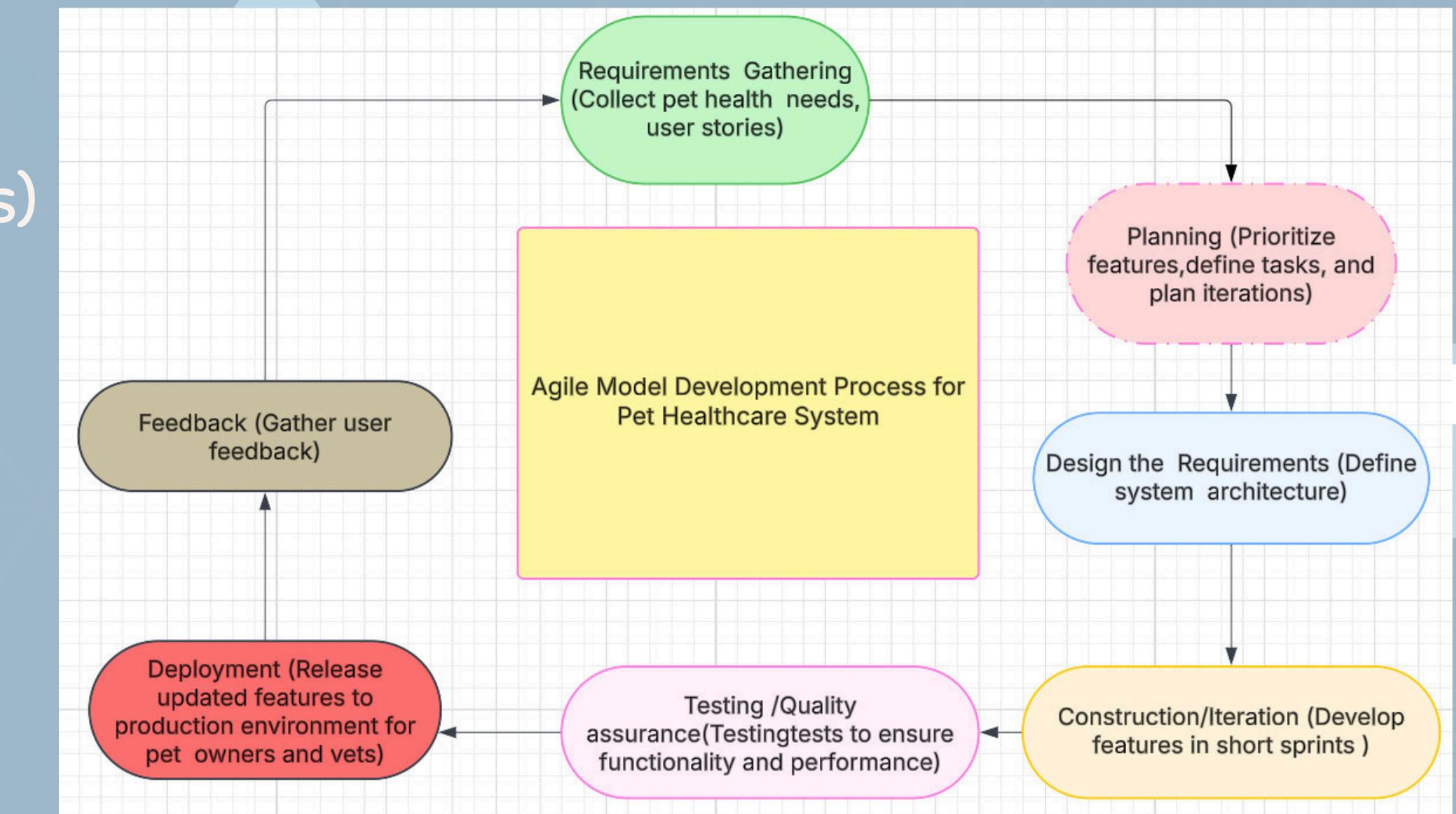
## Companies Using Agile:

- Microsoft (Windows Updates)
- Google (Gmail & Android updates)
- Spotify (Feature updates)



## Projects Using Agile:

- Mobile banking apps
- Online shopping platforms





## Conclusion

Agile is a flexible and efficient software development model.



Helps in quick delivery, better collaboration, and high-quality output.



Best for projects requiring continuous feedback and updates.





# Thank You!

