



IT HOUSE

Agile – Scrum

Part 1: Why scrum?

Version: 0.0.1
Lâm Tú Mỹ Kiều

AGENDA



What is Scrum?
(Scrum definition)



Scrum Theory
(Transparency, Inspection, Adaptation)



Cases discussions

AGENDA



Scrum Values

(Commitment, Focus, Openness, Respect, Courage)



Why is Scrum?



Cases discussions



Question & Answer

Giới thiệu về IT HOUSE



IT House là một **học viện đào tạo lập trình** ứng dụng triết lý **giáo dục đổi mới** với mục tiêu cung ứng **nhân sự chất lượng cao, hạnh phúc** trong công việc dành cho các doanh nghiệp trong **ngành Công nghệ Thông tin**

“Học trọn đời, làm hạnh phúc” là slogan mà IT House luôn chú trọng trong hành trình thực hiện sứ mệnh giáo dục của mình:

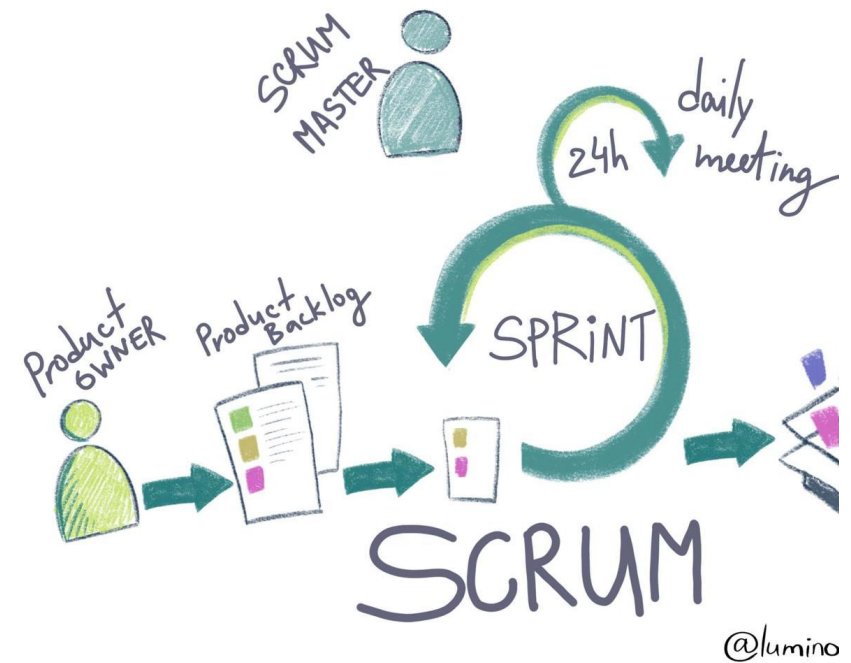
1. **“Học trọn đời”** - IT House luôn kiến tạo nền tảng học tập trọn đời trong môi trường làm việc đổi mới, sáng tạo liên tục, tạo môi trường học thực chiến như tại môi trường doanh nghiệp.
2. **“Làm hạnh phúc”** - IT House luôn định hướng người học định vị sứ mệnh, cảm thấy hạnh phúc và làm chủ công việc của mình; giới thiệu nhân sự công nghệ với các ưu điểm: được học tập toàn diện về kỹ năng chuyên môn, kỹ năng mềm và tư duy học tập trọn đời.

Các khoá học tại IT HOUSE

STT	Khoá học	Điều kiện tiên quyết	Nội dung học	Thời gian học	Chi phí
1	Programming foundation for newbies	Không	https://bit.ly/3DG11Wi	90h (45 buổi x 2h)	20,000,000đ
2	Database fundamentals	Programming foundation	https://bit.ly/3Ekngl0	30 giờ (15 buổi x 2h)	11,000,000đ
3	Learning path to a back-end developer in 90 hours	Phỏng vấn	https://bit.ly/3xz7D0t	32h (16 buổi x 2h)	11,000,000đ
4	Phương pháp Agile và Quy trình Scrum	Dành cho doanh nghiệp	https://bit.ly/3qlZqd0	4 buổi x 2h30	Báo giá
5	Flutter Mobile App (Advanced)	Phỏng vấn	Sớm ra mắt	32h (16 buổi x 2h)	11,000,000đ

What is Scrum (Scrum Definition)

- Scrum is a lightweight framework that helps people, teams and organizations generate value through adaptive solutions for complex problems.



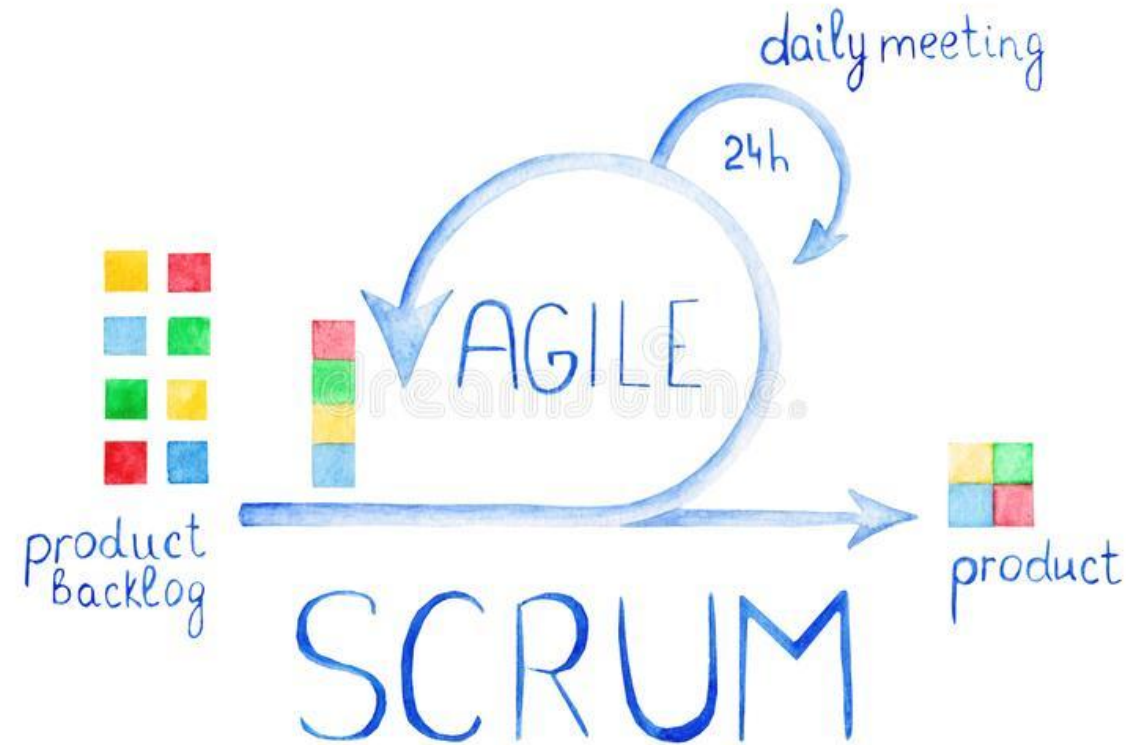


What is Scrum (Scrum Definition)

- In a simple meaning, Scrum requires a Scrum Master to foster an environment where:
 - A Product Owner orders the work for a complex problem into a Product Backlog.
 - The Scrum Team turns a selection of the work into an Increment of value during a Sprint.
 - The Scrum Team and its stakeholders inspect the results and adjust for the next Sprint.
 - Repeat all things above.

What is Scrum

(Scrum Definition)



What is Scrum (Scrum Definition)

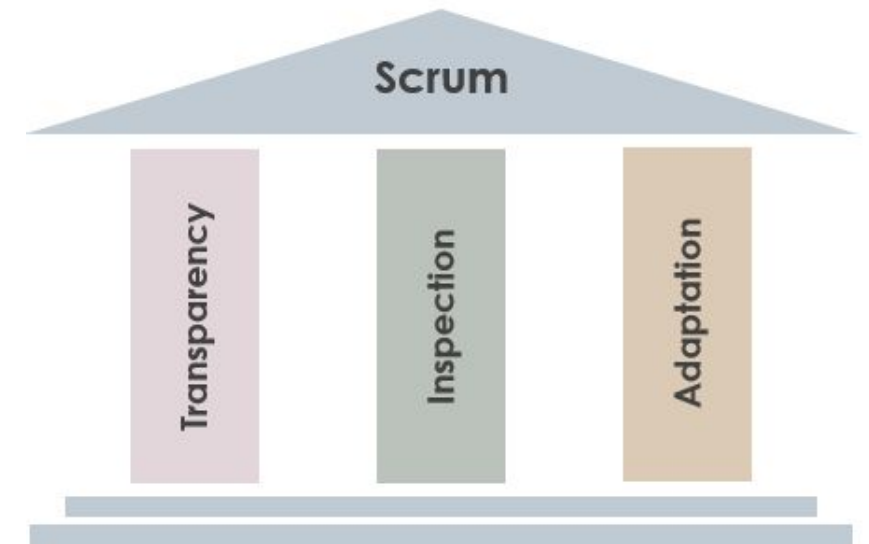
- Scrum is simple. The most important thing is how to create value.
- The Scrum framework is purposefully incomplete, only defining the parts required to implement Scrum theory.
- **Scrum is built upon by the collective intelligence of the people using it. Rather than provide people with detailed instructions, the rules of Scrum guide their relationships and interactions.**

▼ What is Scrum (Scrum Definition)

- Various processes, techniques and methods can be employed within the framework.
- Scrum makes visible the relative efficacy of current management, environment, and work techniques, so that improvements can be made.

Scrum Theory

- Scrum is founded on empiricism and lean thinking.
 - Empiricism means that knowledge comes from experience and making decisions based on what is observed.
 - Lean thinking reduces waste and focuses on the essentials.



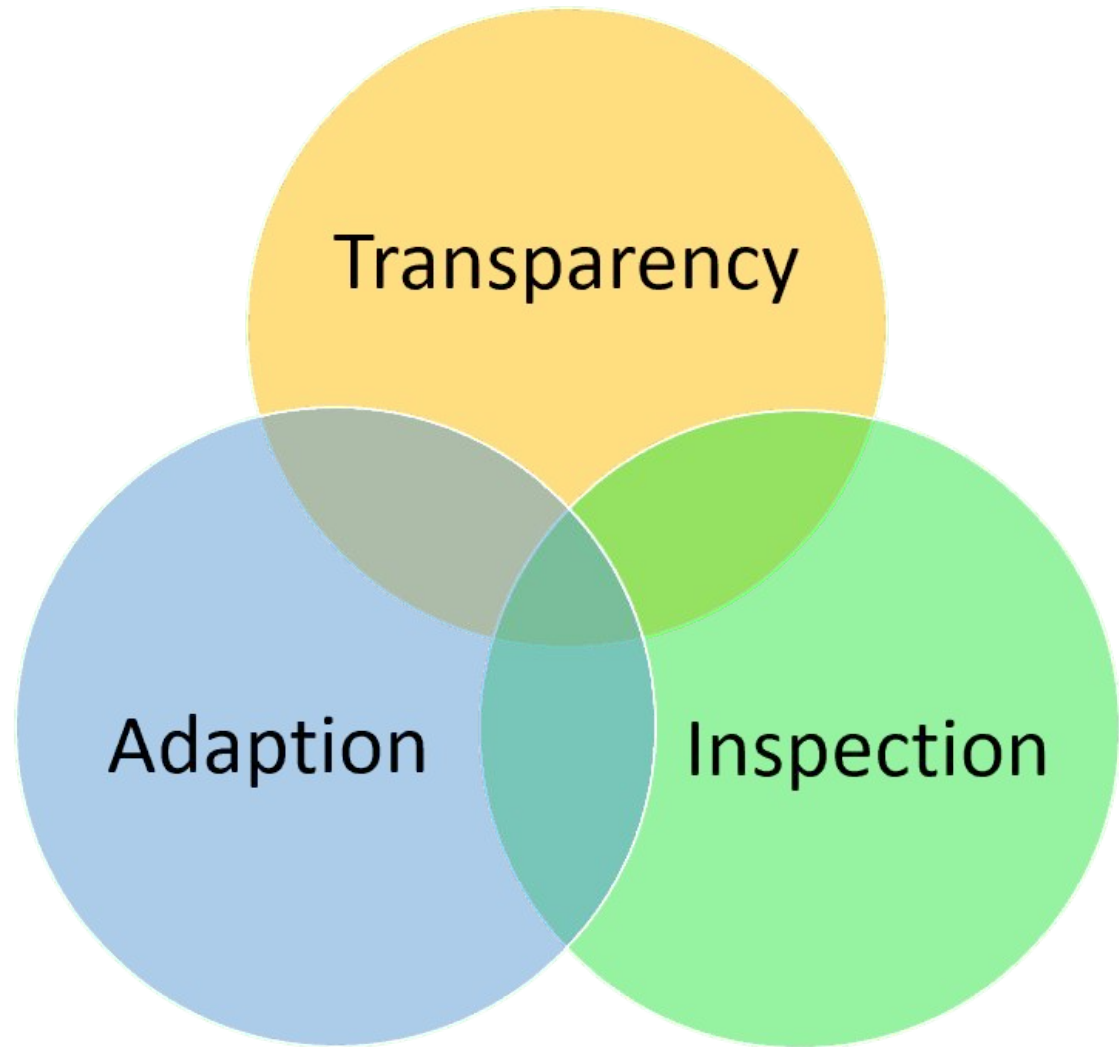
Scrum Theory



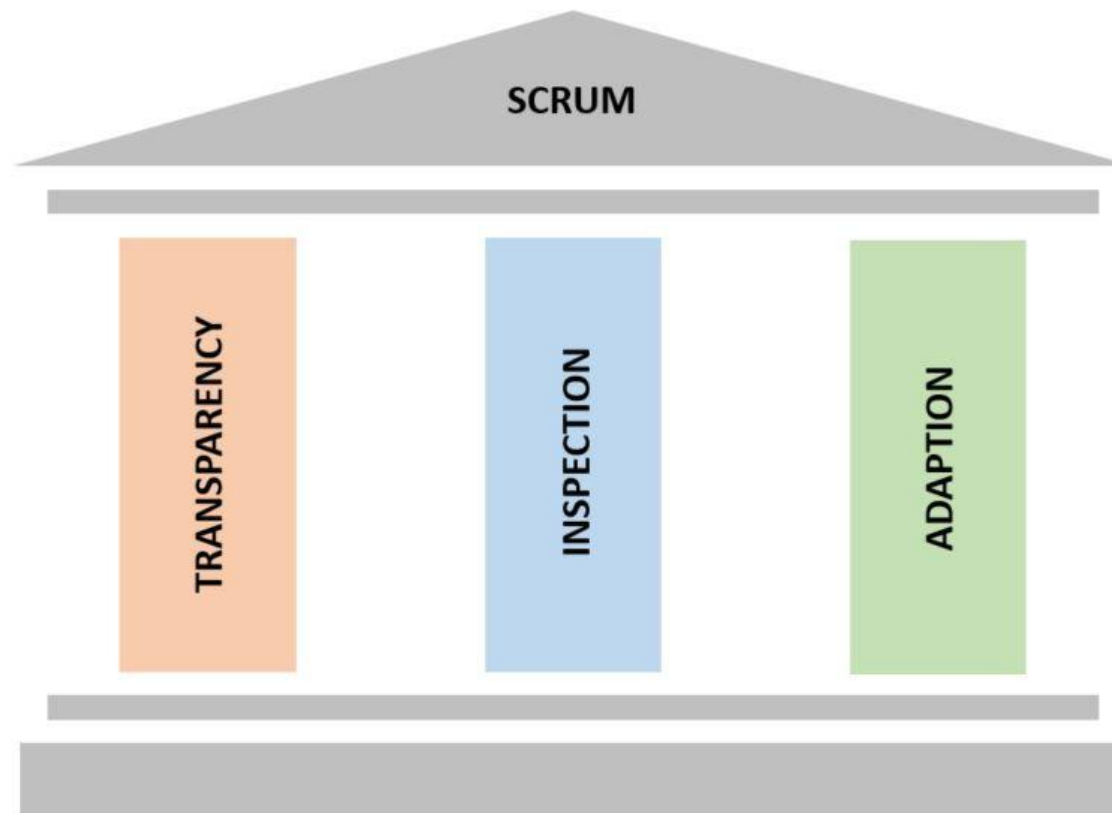
- Scrum engages groups of people who collectively have all the skills and expertise to do the work and share or acquire such skills as needed.

Scrum Theory

- Scrum combines **four formal events** for inspection and adaptation within a **containing event, the Sprint**.
- These events work because they implement the empirical Scrum pillars of **transparency, inspection, and adaptation**.



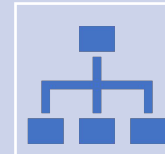
Scrum Theory



Scrum Theory



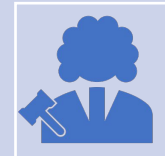
The process and work must be visible to those performing the work as well as those receiving the work.



Low transparency can lead to no value decisions and increase risk.

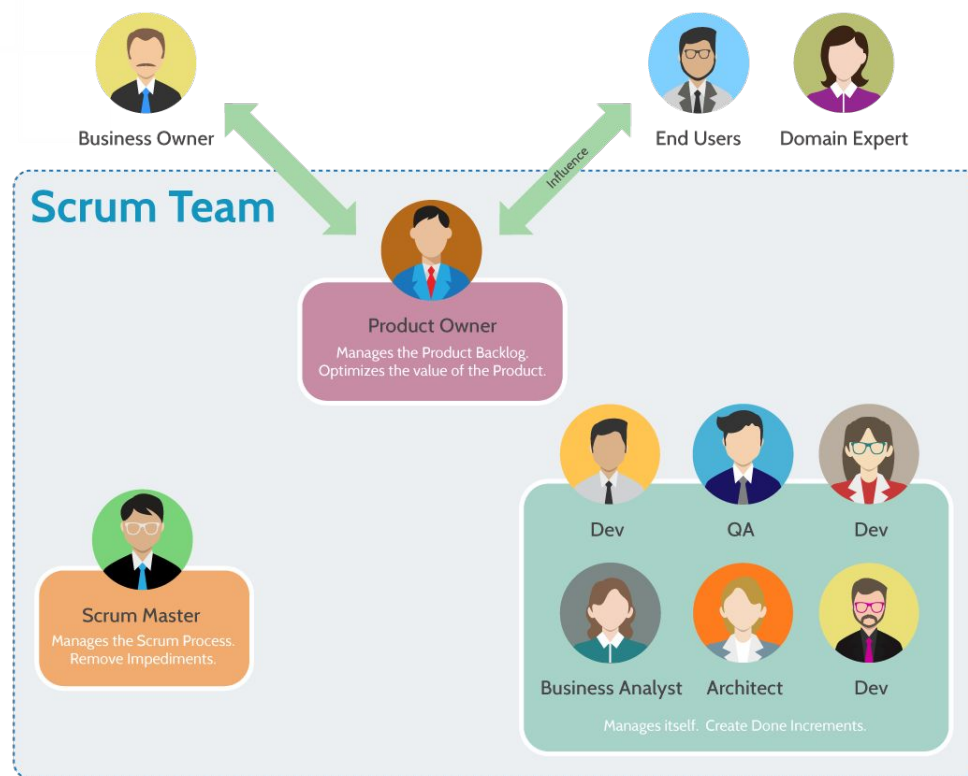


Transparency enables inspection.



Inspection without transparency is misleading and wasteful.

Scrum Theory



- **Inspection**

- To reach the agreed goals, we must inspect frequently and diligently to detect potentially undesirable variances or problems.
- To help with inspection, Scrum provides cadence in the form of its **five events**.
- Inspection enables adaptation.
- Inspection without adaptation is considered pointless.
- Scrum events are designed to provoke change.

Scrum Theory

Scrum Theory

How Scrum is Empirical?

Event	Timebox	Inspect	Adapt
Sprint Planning	Max 8 hours for 1 months sprint	Product Backlog Atleast one item from Retro	Sprint Backlog
Daily Scrum	15 minute	Sprint Goal	Sprint Backlog (Daily Plan)
Sprint Review	Max 4 hours for 1 months sprint	Product Increment	Product Backlog
Sprint Retrospective	Max 3 hours for 1 months sprint	Process and People	Action item in Product Backlog & One item in next sprint backlog

beAgile

Scrum Theory

- **Adaptation**

- If any aspects of a process deviate outside acceptable limits or if the resulting product is unacceptable, the process being applied or the materials being produced must be adjusted.
- The adjustment must be made as soon as possible to minimize any further problem.
- Adaptation becomes more difficult when the people involved are not empowered or self-managing.
- A Scrum Team is expected to adapt the moment it learns anything new through inspection.

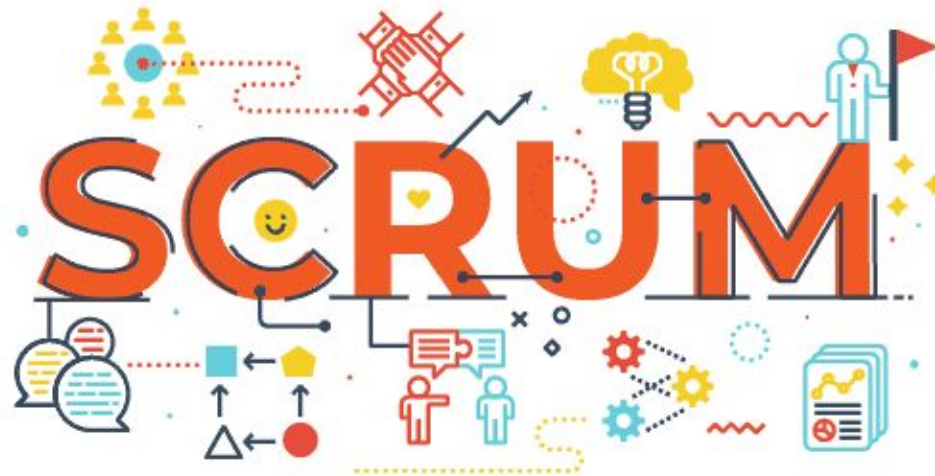
Cases discussions

- **Question 1 (10 minutes discussion):**
 - A Scrum Team has a total of six Developers, that includes:
 - 4 members who work full-time in the office
 - 2 members who work part time at home
 - The Developers are complaining that it is too difficult to synchronize every day and has suggested having the Daily Scrum every other day instead.
 - What would be key concerns if the Daily Scrum is held less frequently? Based on what you have learned, share us your ideas.

Cases discussions

- **Question 2 (10 minutes discussion):**
 - You are a Scrum Master on a new Product initiative.
 - Building this product will be a scaled effort with multiple teams.
 - To get started, you schedule a session with the future members so that they can organize into teams.
 - While providing them with guidelines, some members ask you who should be responsible for coordinating the work between the Scrum Teams.
 - What is the best response? Based on what you have learned, share us your ideas.

Cases discussions



Scrum Values

- Successful use of Scrum depends on people becoming more proficient in living five values:
 - Commitment
 - Focus
 - Openness
 - Respect
 - Courage



Scrum Values



Scrum Values



Courage

Scrum Team members have courage to do the right thing and work on tough problems



Focus

Everyone focuses on the work of the Sprint and the goals of the Scrum Team



Commitment

People personally commit to achieving the goals of the Scrum Team



Respect

Scrum Team members respect each other to be capable, independent people



Openness

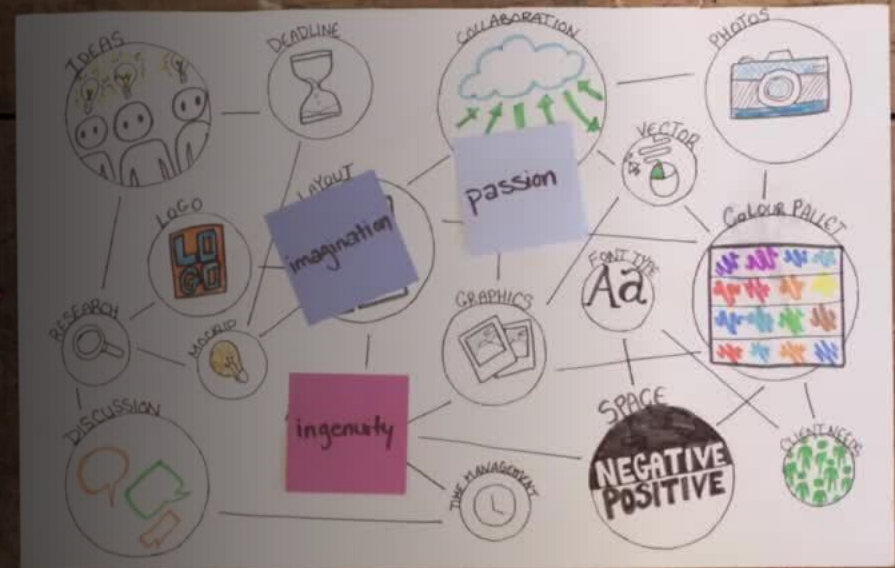
The Scrum Team and its stakeholders agree to be open about all the work and the challenges with performing the work

Why is Scrum

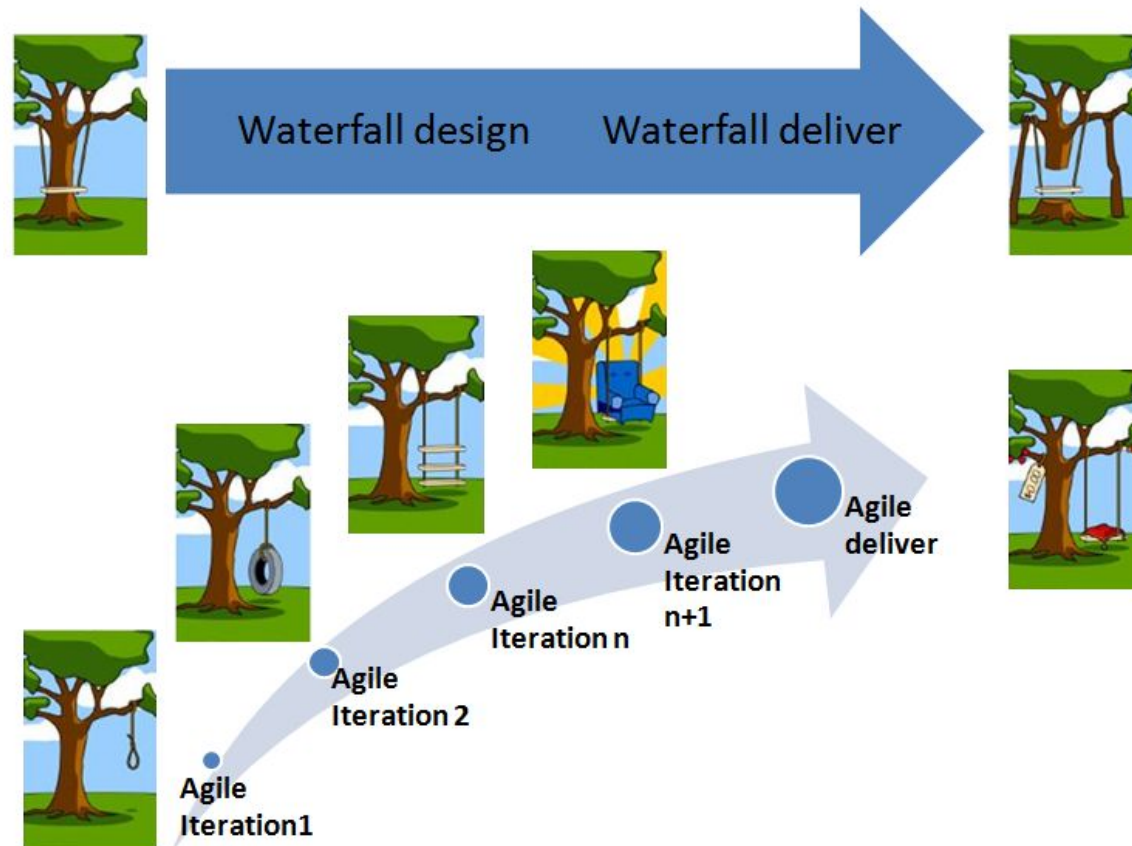
- We have Waterfall, Kanban... And also a lot of new frameworks in the future but Scrum is special because:
 - The Scrum Team commits to achieving its goals and to supporting each other.
 - Their primary focus is on the work of the Sprint (in Scrum framework) to make the best possible progress toward these goals.
 - The Scrum Team and its stakeholders are open about the work and the challenges.
 - Scrum Team members respect each other to be capable, independent people, and are respected as such by the people with whom they work.
 - The Scrum Team members have the courage to do the right thing, to work on tough problems.

Why is Scrum?

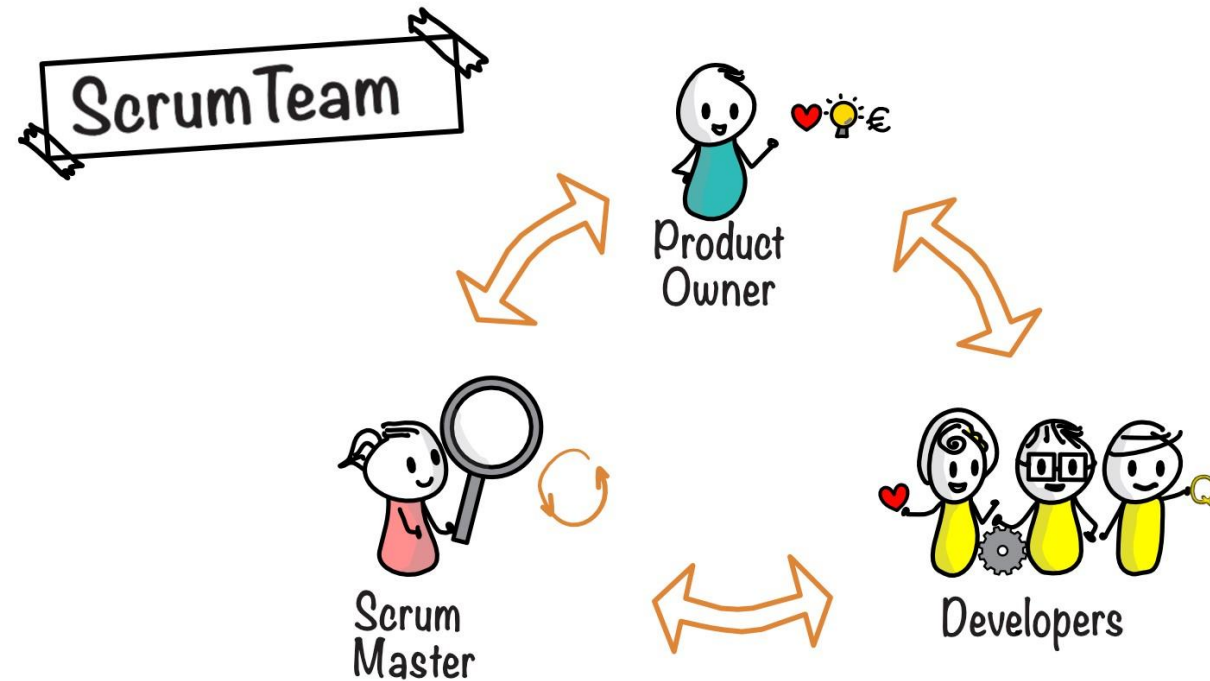
- Based on the values of Scrum, we can see that Scrum can give direction to the Team with regard to their work, actions, and behavior.
- The Scrum Team members learn and explore the values as they work with the Scrum events and artifacts.
- When these values are embodied by the Scrum Team and the people they work with, the empirical Scrum pillars of transparency, inspection, and adaptation come to life building trust.



Why is Scrum



Why is Scrum





Cases discussions

- **Question 3 (10 minutes discussion):**

- A person on the Scrum Team who is typically cheerful and outgoing is now very quiet and reserved.
- When asked about this, he tells you that no one is acknowledging his suggestions and feedback.
- This makes him feel like he's not a part of the team as no one else is being ignored.
- Which Scrum Values has the Scrum Team been neglecting?

Cases discussions

- **Question 4 (10 minutes discussion):**
 - You are a Scrum Master that has just been hired to help a Scrum Team.
 - Their Sprints are 4 weeks long.
 - There are 11 Developers on the Scrum Team.
 - After a few Sprints, you've observed that the Product Backlog rarely changes and when it does it's only to add additional description to the items.
 - Each item can only be worked on by specific individuals but they are able to complete the work with little issue or problems.
 - During the Sprint Plannings, you are unable to help the team come up with meaningful Sprint Goals as the items are random and unrelated.
 - So what is **LIKELY** to be causing this problem?



Cases discussions

- **Question 5 (10 minutes discussion):**
 - The Developers are struggling with running their Daily Scrum effectively.
 - Random people are not able to show up on time, making it difficult to start the Daily Scrum on time.
 - This is disrupting the flow of the event and makes it painful to align.
 - As a Scrum Master, what is **LIKELY** to be causing this problem? what are the most appropriate ways to respond?

Cases discussions

- **Question 6 (10 minutes discussion):**
 - Peter has recently joined your Scrum Team as the new Product Owner.
 - The Developers have been working together on the product for several months and has a good understanding of the work and business domain of the product.
 - The Product Owner, being new to the company, needs your help getting started with his role.
 - As a Scrum Master, what would be the most appropriate way of helping your Product Owner and how to apply 5 values in the way of cooperate between Product Owner and Developers?

Cases discussions





References

Link: <https://scrumguides.org/scrum-guide.html>



THANK YOU!

Liên hệ IT HOUSE

1. Website: <http://www.ithouse.edu.vn/>
2. Fanpage: <https://www.facebook.com/hocvien.ithouse>
3. Cộng đồng tự học lập trình:
<https://www.facebook.com/groups/569740147660768>
4. Hotline: 0965 869 799