

## XP practices

This anonymous survey contains 12 questions. The first question asks you to rate the importance of 10 practices. In each of the other eleven questions, you will be presented a statement and asked to rate your agreement to this statement based on your own experience; there is also a place for you to leave comments if you want to explain your choices, if you feel the statement is incomplete, or if you have any other feedback. This survey takes about 10 minutes to finish.

With this survey, we would like to get more understandings of XP practices; specifically, the survey results can help us understand the role each practice plays based on a team process model. We will build automated measurements and scaffolding systems based on our understandings to facilitate the practicing and learning of XP practices.

If you have any concerns or questions, you can contact An Ju ([an\\_ju@berkeley.edu](mailto:an_ju@berkeley.edu)). All researchers who have access to this survey's responses are under an NDA with Pivotal.

### 1. How do you describe your role in Pivotal teams?

*Check all that apply.*

- ☐ Product Designer
- ☐ Engineer
- ☐ Product Manager
- ☐ Other: \_\_\_\_\_

### 2. How many years have you been working with the Agile method?

\_\_\_\_\_

## Importance of Practices

Please rate the following practices based on their importance to a team's success/effectiveness. Processes are ordered alphabetically.

\* The "Sit Together" practice refers to having team members instantly accessible, such as sitting near to each other and being online when working remotely.

**3. Please rate the importance of each practice.***Mark only one oval per row.*

	Not at all important	Slightly important	Somewhat important	Very important	Extremely important
Backlog Maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuous Integration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information Radiators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Iteration Planning Meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pairing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pre-IPMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Retrospective Meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
"Sit Together"*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standup meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test-Driven Development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**4. Are practice names understandable and unambiguous to you?**


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**Please rate your agreement to this statement.****5. Creating a shared understanding of a story's contexts, such as a story's values, acceptance criteria, and constraints, is one of the core objectives of iteration planning meetings.***Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

**6. Any comments you would like to add to your choice?**


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## Please rate your agreement to this statement.

7. In order to have efficient iteration planning meetings, it is necessary for the team to know, or have access to, a project's context, such as the project's missions, stakeholders, milestones, constraints, and technical decisions.

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

8. Any comments you would like to add to your choice?

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## Please rate your agreement to this statement.

9. A wide variance of votes in the planning game for a story indicates a failure to reach a shared understanding of the story's context or its implementation.

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

10. Any comments you would like to add to your choice?

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## Please rate your agreement to this statement.

11. **Not being able to point enough stories in an IPM indicates problems in the team's understanding of the project's context or the team's ability to create good stories.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

12. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

13. **The objective of standup meetings is to build a shared understanding of the project's contexts, progress, and new observations to keep other practices effective.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

14. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

15. **Standup meetings are important for team coordination, such as minimizing conflicts when working in parallel tracks, following the backlog's priority, and avoiding deadlocks.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

16. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

17. **One of the expected outcomes from retrospective meetings is a set of action items that change the team's practices to accommodate to the new observations and changing environments, such that the team stays effective in accomplishing its mission.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

18. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

19. **One objective of retrospective meetings is to calibrate and regulate member emotions, such as social cohesion, frustration, stress, and excitement.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

20. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

21. **A good backlog maintenance practice is essential to progress tracking, which includes tracking tasks and progress, identifying what needs to be accomplished, and making estimations about whether a task can be finished at a given time.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

22. **Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

**23. A good backlog maintenance practice is essential to keep the team effective and oriented in an environment with fast-changing customer requirements and project goals.**

*Mark only one oval.*

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly Agree

**24. Any comments you would like to add to your choice?**

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**Please rate your agreement to this statement.**

**25. Coordination, such as organizing parallel tasks, is made easier by pairing and pair rotating, because a pair, instead of an individual, is considered as a unit for resource allocation.**

*Mark only one oval.*

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

**26. Any comments you would like to add to your choice?**

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