

# **SCRUM MASTER**

## **Certification Guide**

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## Chapter 6

### The Product Owner

It all starts with the Product Owner (PO).

Seriously, the whole idea of Scrum is for a team to work toward the creation of a product that makes stakeholders and customers happy.

- Who knows what the product's supposed to do?
- Who knows what features the product needs?
- Who has the product vision?
- Who knows what features matter the most?
- Who can quickly answer questions about the product?
- Who do the stakeholders trust to make decisions about the product?

The answer to all of those questions is 'The Product Owner.'

Who is completely useless in terms of knowing *how* to build a product, *estimating* completion times or even *decomposing* product features into easily manageable chunks? That's probably the Product Owner too.

The Product Owner knows the product. Just be careful never to ascribe more competency to the PO than they deserve. Assume they know nothing about actually building a product, because that's not what they're accountable for according to Scrum.

### Product Owners Maximize Value

The Product Owner knows everything there is to know about the product the team's trying to build.

The Product Owner is accountable for maximizing the value of the product, resulting from the work of the Scrum Team.

How this is done may vary widely across organizations, Scrum Teams, and individuals.

— 2020 Scrum Guide page 5

The Product Owner knows all about the Product, but what is the Product Owner most accountable for?

The Scrum Guide makes the Product Owner's job clear: to maximize the value of the product being created.

Interestingly, the Scrum Guide doesn't make it clear how the Product Owner goes about doing that. Fortunately, I can help you out here.

*How do POs Maximize Value?*

The PO maximizes the value of the work done by the Scrum Team by convincing the developers to

work on the most important and valuable features of the product first.

- If the PO gets the developers to work on a bunch of features nobody is going to use, the PO is not maximizing value.
- If the PO gets the developers to create features the clients are dying to get their hands on, the PO is maximizing value.

That's how the PO maximizes the value of the stuff the developers are creating.

## Product Backlog Management

Effective Product Backlog management is the key to maximizing the work done by the development team.

The Product Owner is also accountable for effective Product Backlog management, which includes:

- Developing and explicitly communicating the Product Goal;
- Creating and communicating Product Backlog items;
- Ordering Product Backlog items; and,
- Ensuring that the Product Backlog is transparent, visible, and understood.

— 2020 Scrum Guide page 6

Take these four bullet points seriously, because Product Backlog Management is one of the 13 categories in which the questions on the Scrum Certification exam are categorized. On the exam, this category is more heavily weighted than others.

There is a great deal of nuance to the responsibilities, or *accountabilities*, of the Product Owner. The exam will test your understanding of Product Backlog management by offering false statements or providing incorrect options that make plausible sense.

For example, the exam will assert in a True or False question that the *stakeholders* or *customers* are responsible for communicating the Product Goal to the team. On the surface that almost sounds like it makes sense.

After all, the product is for the customers, right? So shouldn't they communicate the Product Goal?

Don't fall for the trick. The Product Owner communicates the Product Goal, not the stakeholders or the customers.

The same trick goes for communicating Product Backlog items (PBIs).

It sounds logical that a customer or stakeholder might be the one creating or communicating Product Backlog items, after all, the Product Backlog represent features and functionality that the customers want, right?

Again, don't fall for it. It's the Product Owner's job to create and communicate details about Product Backlog items to the team.

When it comes to the Product Backlog and the Product Goal, the responsibility falls on the shoulder of the Product Owner, nobody else.

## Test Yourself

Who is responsible for managing the Product Backlog and maximizing the value of the product produced?

- ☐ The Scrum Master
- ☐ The Product Owner
- ☐ The Management Team
- ☐ The Development Team as a whole

Option B is correct.

As we just learned, the Product Owner manages the Product backlog, and it's also the Product Owner's job to 'maximize the value of the product resulting from the work of the Scrum Team.'

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## Test Yourself

Which of the following statements is true?

- ☐ The Scrum Master can add items to both the Sprint Backlog and the Product Backlog
- ☐ The Product Owner can add items to both the Sprint Backlog and the Product Backlog
- ☐ The Product Owner is fully accountable for all items added to the Product Backlog
- ☐ The Scrum Master is fully accountable for all items added to the Sprint Backlog

Only Option C is correct.

The developers have full control over the **Sprint** Backlog and they are the only ones who can add to it.

The Product Owner has full control over the **Product** Backlog and only the PO can add items to it.

Notice in the question above the term 'accountable' was used.

The Product Owner can delegate any of the work they are accountable to anyone they deem fit. However, the Product Owner remains fully accountable for the results, regardless of who does the work.

## Who Does the Product Owner Work?

In Scrum, the developers do the development.

In Scrum, the Scrum Master does the Scrum Mastering.

Yet according to the Scrum Guide, the Product Owner can get someone else to do the gruntwork for them, just so long as they remain responsible and accountable for the final results.

The Product Owner may do the Product Backlog management work, or they may delegate the responsibility to others.

Regardless, the Product Owner remains accountable.

— 2020 Scrum Guide page 6

## Product Ownership and Trust

Perhaps the most important quality of the Product Owner is that they have the complete and total trust of the organization to make decisions about what's best for the Product being built.

For Product Owners to succeed, the entire organization must respect their decisions.

— 2020 Scrum Guide page 6

The importance of PO trust can't be understated.

- Scrum teams move quickly
- Conditions change from day to day
- Adaptation should happen daily
- Backlog item clarity is of utmost importance

When developers have questions about the work they're doing, they need answers that are clear and definitive.

The Product Owner must be able to respond quickly, and the development team needs to know that the decisions of the Product Owner will not be second-guessed by management.

If someone else in the organization keeps overriding the decisions of the PO, the team will quickly lose trust in the Product Owner, and the whole Scrum framework falls apart.

## Test Yourself

Important decisions that pertain to the future direction of the product being built must be made by:

- ☐ The Scrum Master
- ☐ The Product Owner
- ☐ The Product Owner along with a stakeholder committee

☐ The Scrum Team as a whole

The answer to this question is B, the Product Owner.

The Scrum Guide states quite emphatically that product-based decisions are not to be made by a committee.

## A Single Product Owner

The job of the product owner cannot be shared amongst multiple individuals. There can't be two co-Product Owners on a team.

As the Scrum Guide stated earlier, the Product Owner can delegate some of the Product Backlog management work to a cohort, but in the end, all of the accountabilities associated with being a Product Owner fall on the shoulders of only one person: The Product Owner.

The Product Owner is one person, not a committee.

The Product Owner may represent the needs of many stakeholders in the Product Backlog.

— 2020 Scrum Guide page 6

Notice how the Scrum Guide states that the Product Owner may represent the needs of many stakeholders. Implied in that statement is that different stakeholders might have different interests about which features or enhancements should be prioritized.

When it comes to competing interests, the Product Owner is responsible for managing expectations and building consensus amongst the stakeholders.

## Test Yourself

There are many stakeholder groups with many competing interests, including the priority of features, the cost of the project, the release date, and community outreach. How does Scrum ensure the interests of each of these groups are recognized and respected?

- ☐ Have the Scrum Master represent the interests of each of these groups
- ☐ Have multiple Scrum Masters, with a different Scrum Master assigned to each stakeholder group
- ☐ Have one Product Owner represent the interests of each of these groups
- ☐ Have multiple Product Owners, with a different Product Owner assigned to each stakeholder group

There is only one Product Owner on a Scrum Team, and that one Product Owner represents the interests of all the stakeholders.

## Keeping Tabs on the Product Owner

Stakeholders will always be interested in how the product is progressing. They will constantly want to know what's been created and what the team will be working on next.

The three Scrum artifacts, namely the Product Backlog, Sprint Backlog and inspectable Increments are how stakeholders get the answers to their questions about how the project is progressing.

These decisions are visible in two ways:

1. through the content and ordering of the Product Backlog
2. through the inspectable Increment at the Sprint Review

Those wanting to change the Product Backlog can do so by trying to convince the Product Owner.

— 2020 Scrum Guide page 6

## Trust, Transparency, and the Product Backlog

The PO must have the complete and total trust of the organization concerning product ownership. But trust is a two-way street.

If the Product Owner is to be trusted, the Product Owner must also be transparent about what they're doing.

So how does the Product Owner make their decisions transparent?

They do so by making the product backlog visible and available to all stakeholders.

- Want to know what the Product Owner is building? Look at the Product Backlog.
- Want to know what the Product Owner has prioritized? Look at the Product Backlog.
- Want to know what the Product Owner wants to build next? Look at the Product Backlog.
- Want to know how features are described? Look at the Product Backlog.
- Want to know the vision and goal for the product? Look at the Product Goal which is part of the Product Backlog.

## Inspection of the Increment

Furthermore, at the end of every Sprint, a Sprint Review takes place where stakeholders inspect what's been done.

If a stakeholder wants to know what's being done, they look at the Product Backlog.

If a stakeholder wants to know what's been done, they attend the Sprint Review and inspect the increment of work that's been produced in the Sprint.

The Product Owner's commitment to visibility and transparency with regard to these things is what makes it all work.

## Negotiating Product Features

Not everyone will agree with what should be built next, what features should be prioritized, or how product development should be managed.

- Stakeholders might disagree.
- The Scrum Master might disagree.
- The Developers might disagree.

Disagreement is expected, especially in a fast-moving environment where things change quickly.

If anyone wants to change the Product Backlog, update the Product Backlog, delete something from the Product Backlog, or add something to the Product Backlog, they go through the Product Owner.

When it comes to the Product, and the Product Backlog that describes what's being built, the Product Owner has full control.

### Test Yourself

How does the Product Owner ensure their decisions are transparent and open? (Choose 3)

- ☐ By making their decisions visible in the Product Backlog
- ☐ By allowing stakeholders to see how the Product Backlog has been ordered and prioritized
- ☐ By sending regular status updates to stakeholders.
- ☐ By scheduling weekly meetings between the Scrum Developers and stakeholders
- ☐ By having the stakeholders inspect usable Increments of work at the Sprint Review

Options A, B, and E are correct.

In Scrum we always shun 'more meetings.' The whole point of the various Scrum events, namely the Sprint Review, Sprint Retrospective, and the Daily Scrum, is to remove the need to schedule other, time-wasting meetings.

### Test Yourself

The CEO has told you, the Scrum Master, that if a key feature isn't added to the product within the next three weeks, the project will be cancelled.

What action should you, the Scrum Master, take?

- ☐ Add the feature as a Sprint Backlog item so developers can start working on it immediately
- ☐ Add a new item to the Product Backlog to represent the feature



- ☐ Cancel the Sprint and have the developers shift their focus to this new feature
- ☐ Inform the Product Owner and facilitate a conversation between the Product Owner and the CEO

Option D is correct.

If a change needs to be made to the Product Backlog, it's the Product Owner who does it.

If the CEO needs a feature prioritized, the CEO has to go through the Product Owner. Nobody else has the right to do it.

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