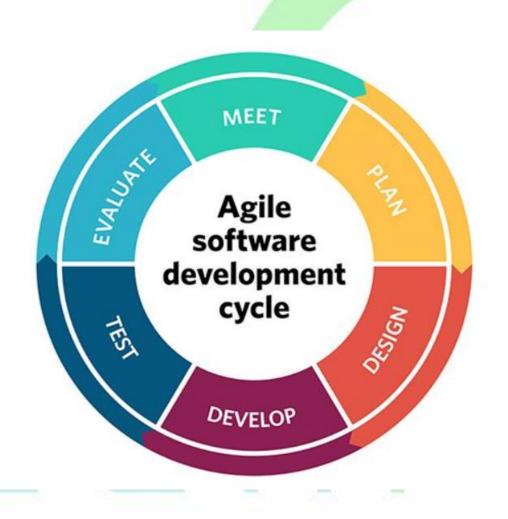
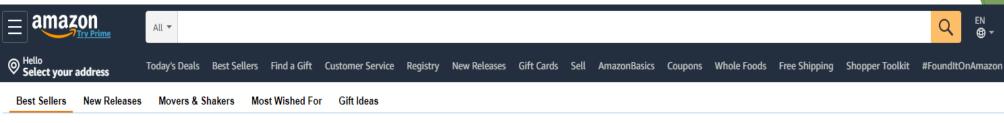


AGILE PROCESS (METHODOLOGY)





Hello, Sign in

Returns

Account & Lists - & Orders Try Prime -

Amazon Best Sellers

Our most popular products based on sales. Updated hourly.

Any Department

Amazon Devices & Accessories

Amazon Launchpad

Appliances

Apps & Games

Arts, Crafts & Sewing

Audible Books & Originals

Automotive

Baby

Beauty & Personal Care

Books

CDs & Vinyl

Camera & Photo

Cell Phones & Accessories

Clothing, Shoes & Jewelry

Collectible Currencies

Computers & Accessories

Digital Music

Electronics

Entertainment Collectibles

Gift Cards

Grocery & Gourmet Food

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Home & Kitchen

Industrial & Scientific

Kindle Store

Kitchen & Dining

Magazine Subscriptions

Movies & TV

Musical Instruments

Office Products

Patio, Lawn & Garden

Toys & Games

> See more Best Sellers in Toys & Games



Hatchimals Pixies 2-Pack, 2.5-Inch Collectible Dolls and Accessories, for Kids Aged 5 and Up (Styles May Vary)

★★★★☆ 672

2.

2.

Hey Guys how are yolu



Cards Against Humanity

★★★★★ 39,950

Electronics

> See more Best Sellers in Electronics

1.



Fire TV Stick streaming media player with Alexa built in, includes Alexa Voice Remote, HD, easy set-up, released 2019

★★★★☆ 136,031

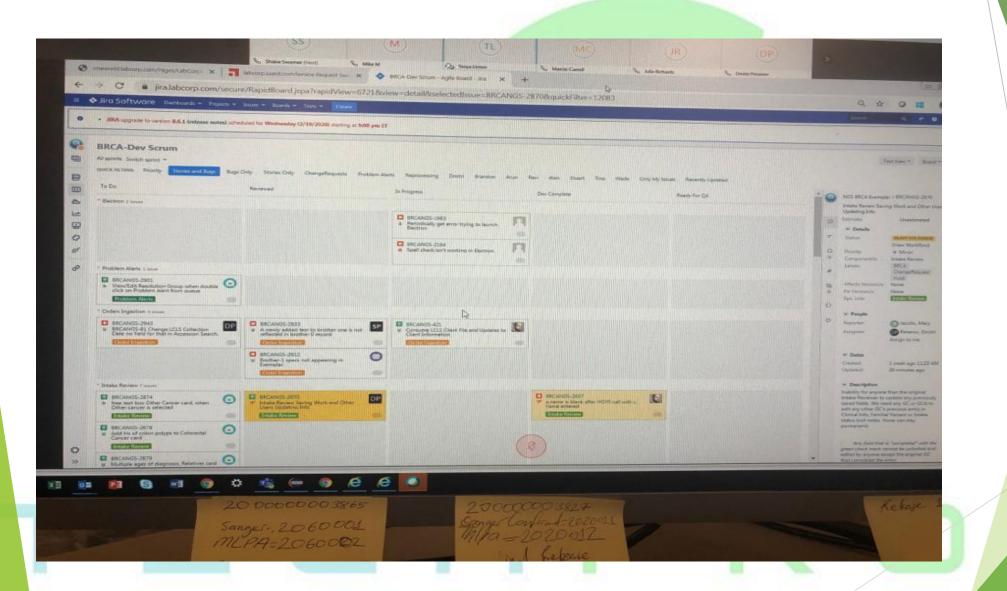


Fire TV Stick 4K streaming device with Alexa built in, Ultra HD, Dolby Vision, includes the Alexa Voice Remote ★★★★★ 158,302

3.



Echo Dot (3rd Gen) - Smart speaker with Alexa - Charcoal ★★★★ 322,456



AGILE PROCESS (METHODOLOGY)

- Scrum is an agile development methodology for managing and completing projects. It is a way for teams to work together to achieve a set of common goals.
- Each sprint typically lasts 2 to 4 weeks or a calendar month at most. Building products one small piece at a time encourages creativity and enables teams to respond to feedback and change and to build exactly what is needed.
- ▶ In scrum, product is designed, coded and tested in the sprint

The Agile - Scrum Framework

Inputs from Executives, Team, Stakeholders, Customers, Users



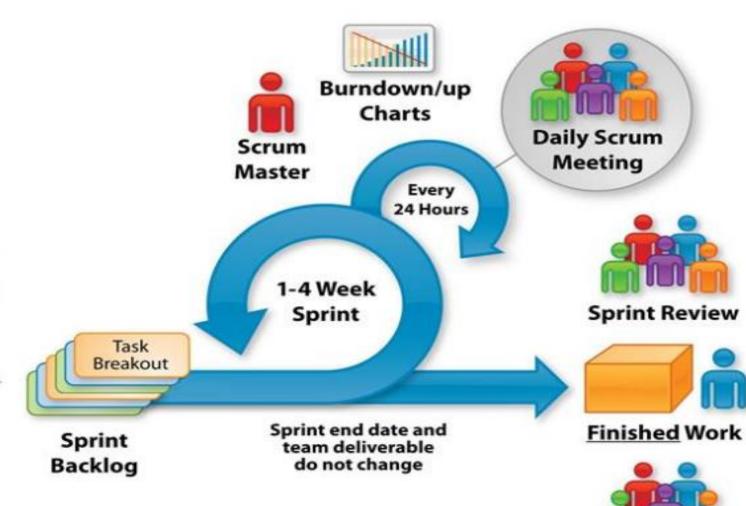




Product Backlog

Team selects starting at top as much as it can commit to deliver by end of Sprint

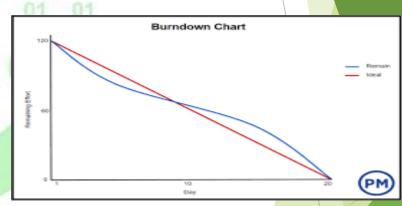
> Sprint Planning Meeting



Sprint Retrospective

GLOSSARY

- > Sprint => 2-4 weeks time duration for a set of goals to complete.
- Product Backlog => is a list of items (functionality) to be done during the whole project.
- Sprint Backlog => is a list of items (functionality) to be done during a sprint.
- User story => smaller piece of functionality (backlog items).
- Burndown chart => is a chart that shows the remaining job in a sprint.
- Product Owner => is responsible for managing the backlog items.
- Development team => Developers and Testers
- Scrum master => is a bridge between Product Owner and development team.
- Developer => who writes codes to build the application.
- Functional tester: who tests application manually.
- Automation Tester(Cross Functional tester) => who writes codes to test the application.
- Sprint planning meeting => scrum team decides how many items, selected by Product owner, can be done during a sprint.



The Roles of the Scrum Team

- The Scrum Team consists of a <u>Product Owner</u>, the <u>Development Team</u>, and a <u>Scrum Master</u>. Scrum Teams are self-organizing and cross-functional. Self-organizing teams choose how best to accomplish their work, rather than being directed by others outside the team.
- Cross-functional teams have all competencies needed to accomplish the work without depending on others not part of the team. The team model in Scrum is designed to optimize flexibility, creativity, and productivity.
- Product Owner (might be a stakeholder as well)
- Scrum master
- Development team (Developers and Testers)

The Scrum Events

- Sprint
- Sprint Planning => when you decide what items will be selected and
- How many items will be selected.
- ▶ Daily Scrum → 15 minutes they talk about what they did yesterday
- And will do the very same day
- Sprint Review (demo) stakeholders/business people come and you demonstrate what has been done
- Sprint Retrospective you talk about impediments or improvements

Sprint Planning

- ► This is the event that kick starts each Sprint and is where the Product Owner and Development team discuss which Product Backlog Items (PBI's) will be included in Sprint.
- While the Product Owner has the right to prioritize each PBI for potential inclusion in the Sprint, the Development team are encouraged to respond, raise issues and push back where necessary.
- ► The Development Team then forecasts how many PBI's they can deliver in the Sprint, given their knowledge of velocity, resources and any factors which could influence the time and resources they have available.
- The outcome of the Sprint Planning Meeting is to get a Sprint Goal and Sprint Backlog that everyone agrees is realistic and achievable

Daily Scrum (Daily Stand-up)

- Scrum seeks to efficiently use your time and resources and the Daily Scrum event is no exception.
- ► The Daily Scrum is time boxed to 15 minutes. Standing up is not compulsory. However, many teams find this a useful technique to keep the meeting short and to the point.
- ► The Daily Scrum is an opportunity for the Development Team to check in, assess progress towards achieving the Sprint Goal and to review and plan their activities for the next 24 hours.

Sprint Review (Demo)

- A Sprint Review usually takes place on the last day of the Sprint and allows you the opportunity to show the "done" Increment to stakeholders (customers, management and anyone else considered relevant and interested).
- As well as demonstrating working features produced during the Sprint, you're also after useful feedback that can be incorporated the Product Backlog that may help guide the work for future sprints

Sprint Retrospective

- ► The final meeting in the Sprint is the Sprint Retrospective. This is when the Scrum team reviews what could be improved for future Sprints and how they should do it.
- What kind of impediments (issues) they faced and what ideas and progress helped them improve more.

The Sprint

The Sprint is an event in itself that contains all the work and all the other events that happen during the time boxed period of development.

GLOSSARY

- Sprint => 2-4 weeks time duration for a set of goals to complete.
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- Functional tester: who tests application manually.
- Automation Tester(Cross Functional tester) => who writes codes to test the application.

GLOSSARY

- Sprint planning meeting => scrum team decides how many items, selected by Product owner, can be done during a sprint.
- Daily stand-up meeting => 15 mins team talks about what they did and they will do today.
- > Sprint review meeting (demo) => all team members and stakeholders participate and witness what progress has been done.
- Sprint Retrospective => The team reviews what went well and what could be improved.

LET US REMEMBER!

The Roles of the Scrum Team

- o Product Owner
- o Scrum Master
- o Development Team

The Scrum Events

- o Sprint
- o Sprint Planning
- o Daily Scrum
- o Sprint Review
- o Sprint Retrospective

Scrum Artifacts

- o Product Backlog
- o Sprint Backlog

▶ Why is Agile more popular than Waterfall?

Principles of Agile

- Continuous delivery of value
- 2. Embrace changing requirements
- 3. Frequent deployment
- 4. Customer collaboration
- ▶ 5. Motivated individuals
- ▶ 6. Face-to-face conversation
- 7. Working software as measure of progress
- 8. Sustainable development
- 9. Technical excellence
- ▶ 10. Simplicity
- ▶ 11. Self-organization
- ▶ 12. Continuous improvement