Product backlog

Product backlog are actually those points that are joined the scrum goal at the time of sprint, now here one can ask how?

So, while we are doing a sprint where all the task is pre-planned and is on processing but suddenly through some newly bug or from some market analysis or directly from product owner, anew service demand comes with high priority that we can not put for further sprint then this is product backlog.

We need to work on it in current sprint this can be a complete service as demanded by Product owner they need to be broken in many subtasks there they become sprint backlog.

Now some of them sprint backlog can be done in current sprint some can be put for further sprint.

Sprint backlog

Sprint backlog are the smaller tasks that are needed to be done in the sprint by scrum team and all this is pre-planned as per service requirement before the sprint started.

Scrum and SAFe

When we implement the project management using Agile there many frameworks come one of them is Scrum that depends on main 3 factors – product owner, scrum master and team.

Here the architecture is simple and smaller teams are used for project management so the communication is less complex and co-ordination become easier to follow scrum retrospective policy.

But if we want to implement the same project management on large sized complex projects with multiple team at agile that time to follow agile scrum become much harder as the increasing number of team and co-ordination between them are now a issue.

On this problem scrum framework is not used rather SAFe is used there it adds extra control layer

On all those cross functioning teams so the communication become much easier these layers are some extra designation so they handle the same scrum framework but with better controller.

Few designations are—

* Releaser Train Engineer—provide the information to team coming from customer
* Product Manager--responsible for prioritising features and ensuring they are well described and understood.
* Solution Architect—Responsible on System implementation .

PI-event

PI (Program Increment) event are those sessions where different teams working on same ART (Agile Release Train) meet with each other and try to collaborate with each other so there vision and implementation can be same for product development.

Velocity

In agile lets say I have to complete 4 user story then how can I measure my team performance in terms of completion of task.

So we can assign some numeric value to each task as a difficulty level i.e 4 out of 10 or 6 out of 10 .

Based on that we measure the team performance ..

Velocity can be calculated in terms of time taken to finish , story point as above mentioned etc..

**Project description on Agile –scrum ---**

**Project Title:-Loan Management System**

**Here in this project the logic is for preparing a online system for loan application and as well as the payment system also.**

1. **Total time allotted is 4 month**
2. **Party involved consumer , manager**

**After the requirement gathering for first sprint i.e 14 days time line**

**Here the number of implemented requirement /services are mentioned below.**

|  |  |  |
| --- | --- | --- |
| **Module** | **Services** | **Entity** |
| **Consumer service** | **Online registration** | **consumer** |
| **Admin** | **Application verification** | **Manager** |

**Now here , we need to understand that there could be many requirements but we have decided to start with these two as , we can consider them as most important .**

**On sprint 1 we will implemented them so based on them our BRD version 1.0 will be created and FRD version 1.0 will be implemented .**

**All the technical implementation and analysis will be done on above mentioned requirements .**

**Here the sprint goal would be A PROJECT HAVING WORKING ONLINE LOAN APPLICATION AND ITS VERIFICATION DONE BY MANAGER.**

**Now after this sprint there will be another sprint that would start from next 14 days time line .**

**Here again we will take up other services as gathered from client and then implement it.**

**Different types of View on the sprint –**

**On Sprint 1 where the technical team known as scrum team consist of BA , the product owner , scrum master and scrum team(other technical member other then scrum master).**

**BA – He will take care of the requirement on coming from direct client which he gathered from client and mentioned in BRD version 1.0 and detailed in FRD version 1.0.**

**On top of that if any random requirement directly comes from Product owner he will try to convey it in functional form to scrum master and scrum team.**

**Product owner—he will look after the project progress from all aspect with client’s requirement perspective and convey any random direct requirement comes that are not in sprint goal part while at planning.**

**Scrum master—he is main technical person responsible to manage the team and implement the project.**

**Points to remember:--**

**Product backlog –all the requirements at point of implementation.**

**Sprint backlog – services that are implemented in sprint**