

Question 1 – write Agile Manifesto?

Answer- **Four main Values**

1. Individuals and interactions over processes and tools
2. Working software over comprehensive documentation
3. Customer collaboration over contract negotiation
4. Responding to change over following a plan

Twelve Principles of Agile Software

1. Satisfy the customer through early and continuous delivery of valuable software.
2. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
4. Business people and developers must work together daily throughout the project.
5. Build projects around motivated individuals. Give them the environment and support they need and trust them to get the job done.
6. The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
7. Working software is the primary measure of progress.
8. Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
9. Continuous attention to technical excellence and good design enhances agility.
10. Simplicity--the art of maximizing the amount of work not done--is essential.
11. The best architectures, requirements, and designs emerge from self-organizing teams.
12. At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

Question 2 – User Stories- Acceptance Criteria-BV-CP?

Ans- 1.

User Story No: 1	Tasks: 2	Priority: HIGHEST
AS A DELIVERY BOY I WANT TO REGISTER IN SCRUM FOODS SO THAT I CAN DELIVER ORDERS		

BV: 500	CP: 2
ACCEPTANCE CRITERIA Registration Screen Text Boxes for User Name, Password, Nation ID, Mobile No, Email, Address, Phone Number. Click on Register Button. Send Successful Notification to the user	

2.

User Story No: 2	Tasks: 2	Priority: HIGHEST
AS A RESTAURANT OWNER I WANT TO VIEW ORDERS SO THAT I CAN VIEW THE LIST OF ORDERS		
BV: 500	CP: 2	
Acceptance Criteria : View Order, Display List of orders in the tabular Form		

3.

User Story No: 3	Tasks: 2	Priority: HIGHEST
AS A CUSTOMER I WANT TO ADD THE ADDRESS SO THAT I CAN GET THE ORDER TO MY ADDRESS		
BV: 500	CP: 2	
Acceptance Criteria : Text Box to enter. Business Rules: Within the radius of 5 km		

4.

User Story No: 4	Tasks: 2	Priority: HIGHEST
AS A CUSTOMER I WANT TO SELECT THE PAYMENT MODE SO THAT I CAN MAKE PAYMENT OF MY CHOICE		
BV: 500	CP: 3	
Acceptance Criteria : Display payment modes, radio buttons to select payment modes, payment button. Business Rule. Can select only one payment mode		

5.

User Story No: 5	Tasks: 2	Priority: HIGHEST
AS AN ADMIN I WANT TO VIEW THE RESTAURANTS SO THAT I CAN APPROVE THEIR REGISTRATION		
BV: 500	CP: 2	
ACCEPTANCE CRITERIA List of restaurant, select Restaurants, verify restaurant details, approve button, reject button, notification to the restaurant.		

6.

User Story No: 6	Tasks: 2	Priority: LOW
AS A CUSTOMER I WANT TO VIEW THE PRICE SO THAT I CAN ORDER THE FOOD		
BV: 50	CP: 1	
Acceptance Criteria : 1. Display price in the list of menu items.		

7.

User Story No: 7	Tasks: 2	Priority: LOW
AS A CUSTOMER I WANT TO VIEW THE CONTACT NUMBER OF DELIVERY BOY SO THAT I CAN CONTACT DELIVERY BOY FOR THE STATUS		
BV: 50	CP: 1	
Acceptance Criteria : 1. Display delivery boy mobile number 2. Display delivery boy name in tracking field 3. Display delivery boy picture		

8.

User Story No: 8	Tasks: 2	Priority: MEDIUM
AS A RESTAURANT OWNER I WANT TO PROVIDE TIME SLOTS SO THAT CUSTOMER CAN CHECK OPENING AND CLOSING HOURS		
BV: 100	CP: 2	

Acceptance Criteria :

1. Click on restaurant dashboard
2. Add from time to time
3. Click on submit
4. Display updated successfully

9.

User Story No: 9	Tasks: 2	Priority: HIGH
AS A Business OWNER I WANT TO VIEW RESTAURANT REVENUE REPORT SO THAT I CAN VIEW THE RESTAURANT'S REVENUE		
BV: 200	CP: 3	
Acceptance Criteria : Select Reports Select Revenue Reports Select to and from date Select Region (can select all) Generate Report Download Report in EXCEL.		

10.

User Story No: 10	Tasks: 3	Priority: HIGH
AS A REG ADMIN I WANT TO MANAGE REGIONAL RESTAURANTS, SO THAT, I CAN TRACK THE PERFORMANCE OF REGIONAL RESTAURANTS.		
BV: 200	CP: 3	
Acceptance Criteria : Click on performance of restaurants Select from date to date Click on generate report which includes restaurants id, name, Revenue Click on download report should be in excel.		

11.

User Story No: 11	Tasks: 2	Priority: MEDIUM
AS ADMIN I WANT TO SEE THE REGIONAL REVENUE REPORTS, SO THAT I CAN VIEW THE REGIONAL PERFORMANCE		
BV: 100	CP: 3	

Acceptance Criteria :

Select regional dropdown

View performance of each rest of that region in tabular form which includes rest name, revenue, generated

Download in excel or PDF.

12.

User Story No: 12	Tasks: 2	Priority: HIGH
AS A CUSTOMER I WANT TO CHAT WITH REG ADMIN SO THAT I CAN REQUEST FOR REFUND		
BV: 200	CP: 2	
Acceptance Criteria : 1)Br-All Mandatory 2)Text Box Fields 3)Display Order Id 4)Text Box, For Description 5)Submit Button 6)Generate Issue Id 7)Display Successful		

13.

User Story No: 13	Tasks: 2	Priority: HIGH
AS A CUSTOMER I WANT TO CUSTOMIZE MY ORDER, SO THAT, I CAN ADD MORE ITEMS THAT I LIKE		
BV: 200	CP: 8	
Acceptance Criteria : View order, open customize tab, add or remove items, confirm order.		

14.

User Story No: 14	Tasks: 3	Priority: LOW
AS A CUSTOMER I WANT TO GIVE FEEDBACK OR RATE THE ORDER SO THAT, I CAN SHARE THE VIEWS AND OPINION OF THAT PARTICULAR FOOD		
BV: 50	CP: 1	

Acceptance Criteria :
View order, display feedback page, give feedback to the order, submit feedback

15.

User Story No: 15	Tasks: 1	Priority: HIGH
AS A CUSTOMER I WANT TO ORDER THE FOOD FROM MENU, SO THAT, I CAN FULFILL MY HUNGER.		
BV: 500		CP:8
Acceptance Criteria : 1. Click on restaurant dashboard, 2. View menu 3. Select food and make payment 4. Confirm order		

16.

User Story No: 16	Tasks: 1	Priority: HIGH
AS A DELIVERY BOY I WANT TO SELECT AND ACCEPT ORDERS SO THAT, I CAN DELIVER THE ORDERS ON SPECIFIED LOCATION.		
BV: 500	CP: 13	
Acceptance Criteria : 1. View orders placed by customers. 2. Auto locate the orders near me. 3. View order price and delivery charges. 4. Confirm order		
Business Rules: Within the radius of 8 km		

17.

User Story No: 17	Tasks: 2	Priority: MEDIUM
AS A DELIVERY BOY I WANT VIEW THE FEEDBACK, SO THAT, I CAN IMPROVE MY SERVICE.		
BV: 100	CP: 3	
Acceptance Criteria : Open Scrum Food Application Click On Feedback Dashboard View Feedbacks		

18.

User Story No: 18	Tasks: 2	Priority: HIGH
AS A DELIVERY BOY I WANT TO RECEIVE THE PAYMENT IN CASH, SO THAT, I CAN PAY IT TO THE RESTAURANT OWNER.		
BV: 500	CP: 3	
Acceptance Criteria : View Payment Dashboard Take cash from customer Update the payment status on application.		

19.

User Story No: 19	Tasks: 3	Priority: LOW
AS A DELIVERY BOY I WANT TO VIEW DELIVERIES REPORT SO THAT, I CAN JUSTIFY MY PERFORMANCE.		
BV: 50	CP: 2	
Acceptance Criteria : Click on report dashboard, View monthly reports		

20.

User Story No: 20	Tasks: 2	Priority: HIGHEST
AS A DELIVERY BOY I WANT TO VIEW THE GENERATED REVENUE, SO THAT, I CAN EVALUATE INDIVIDUAL REVENUE.		
BV: 500	CP: 13	
Acceptance Criteria : Display revenue tab, View daily revenue generated View revenue generated for larger deliveries than 5kms. View monthly revenue. Click on Download, Report Should be in Excel.		

21.

User Story No: 21	Tasks: 2	Priority: MEDIUM
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AS A DELIVERY BOY I WANT TO RAISE ISSUES, SO THAT, I CAN COMPLAINT AGAINST ANY IRREGULARITIES OR PROBLEMS	
BV: 100	CP: 8
Acceptance Criteria : Complaint Screen, text box for raising issues, writing problems related to payments, orders and restaurants. Click on submit button	

22.

User Story No: 22	Tasks: 2	Priority: HIGH
AS A CUSTOMER I WANT TO LOGIN INTO THE SCRUM FOODS, SO THAT, I CAN ORDER THE FOOD.		
BV: 200	CP: 5	
Acceptance Criteria : Login Screen Text Boxes for User Name, Password and Captcha. Click on Login Button. Successful Login Notification.		

23.

User Story No: 23	Tasks: 3	Priority: LOW
AS A RESTAURANT OWNER I WANT TO VERIFY THE DELIVERY BOY, SO THAT, I CAN AUTHENTICATE THE IDENTITY WITH SCRUM APP ADMIN.		
BV: 50	CP: 2	
Acceptance Criteria : Login into the scrum food app, display verification tab, view verification status. Cross verify with the admin.		

24.

User Story No: 24	Tasks: 2	Priority: HIGH
AS A BUSINESS OWNER I WANT TO LOGOUT FROM MY ACCOUNT, SO THAT, THE BUSINESS INFORMATION DOES NOT GET LEAK.		
BV: 200	CP: 8	

Acceptance Criteria :
LOGOUT tab,
Enter password,
Click on logout button.

25.

User Story No: 25	Tasks: 2	Priority: HIGH
AS A RESTAURANT OWNER I WANT TO RECEIVE THE PAYMENT, SO THAT, I CAN EVALUATE MONEY EARNED.		
BV: 200	CP: 8	
Acceptance Criteria : Login Screen, View Payment tab, View money earned against each order on a daily basis. Evaluate the profit made in a day.		

26.

User Story No: 26	Tasks: 3	Priority: MEDIUM
AS A RESTAURANT OWNER I WANT TO VIEW FEEDBACKS SO THAT, I CAN IMPROVE THE QUALITY, TASTE AND SERVICE.		
BV: 50	CP: 5	
Acceptance Criteria : Feedback tab, View feedbacks of each customer Work on drawbacks.		

27.

User Story No: 27	Tasks: 3	Priority: MEDIUM
AS A REGIONAL ADMIN I WANT TO TRACK THE STATUS OF THE ORDER, SO THAT, I CAN UPDATE THE SAME STATUS ON THE APPLICATION.		
BV: 100	CP: 8	
Acceptance Criteria : Admin login on the application, Track dashboard Update the status of the product.		

28.

User Story No: 28	Tasks: 3	Priority: HIGH
AS A REGIONAL ADMIN I WANT TO VIEW THE REFUND REQUEST, SO THAT, I CAN INITIATE THE REFUND WITH BANK SERVER.		
BV: 200	CP: 8	
Acceptance Criteria : Click on refund request screen, Check whether the refund request is genuine. Forward the refund to bank server Update the same on application.		

29.

User Story No: 29	Tasks: 3	Priority: LOW
AS A CUSTOMER I WANT TO SEE THE TOP SELLING ITEM OF A PARTICULAR RESTAURANT, SO THAT, I CAN ORDER THE MOST FAVOURABLE ITEM.		
BV: 50	CP: 1	
Acceptance Criteria : Categorized Menu with prices is visible and enabled with selection choices, as soon as the customer chooses items, the most ordered item is created in the database and is visible to the customer.		

30.

User Story No: 30	Tasks: 3	Priority: LOW
AS A CUSTOMER I WANT TO SEE WHERE MY DELIVERY GUY IS ON MY ADDRESS ROUTE, SO THAT, I GET AN IDEA ABOUT THE WAIT TIME.		
BV: 50	CP: 3	
Acceptance Criteria : Select the order Select track option Re-directing to the map page Time and location is specified on map		

31.

User Story No: 31	Tasks: 3	Priority: LOW
AS AN ADMIN I WANT TO VIEW REGIONAL ADMIN REQUESTS , SO THAT, I CAN APPROVE THEM.		
BV: 50	CP: 2	

Acceptance Criteria :
Click on request dashboard,
View pending requests,
Evaluate and approve requests.

32.

User Story No: 32	Tasks: 2	Priority: MEDIUM
AS A RESTAURANT OWNER I WANT TO COMPLEMENT DISH DESCRIPTION IN THE MENU WITH A PHOTO, SO THAT, IT LOOKS MORE ATTRACTIVE TO THE CUSTOMERS.		
BV: 100	CP: 5	
Acceptance Criteria : Login as restaurant owner into the app View menu Customize each dish with an eye catching photo Click on update button.		

33.

User Story No: 33	Tasks: 3	Priority: LOW
AS A CUSTOMER I WANT TO GET NOTIFICATIONS WHEN THERE ARE NEW HOT OFFERS SO THAT, I NEVER MISS THE BEST DEALS		
BV: 50	CP: 1	
Acceptance Criteria : Click on notification bar Turn on all the notification for new offers and deal.		

34.

User Story No: 34	Tasks: 2	Priority: MEDIUM
AS A CUSTOMER I WANT TO LINK MY CREDIT CARD TO MY PROFILE SO THAT, I CAN MAKE THE PAYMENT EASILY.		
BV: 100	CP: 2	
Acceptance Criteria : View payment modes Select credit card option Add credit card number, name, expiry date and CVC number Confirm details and add card.		

35.

User Story No: 35	Tasks: 3	Priority: LOW
AS A CUSTOMER I WANT TO SIGN IN TO AN APPLICATION AFTER LOGGING OUT SO THAT I CAN FIND RE ACCESS MY PERSONAL PROFILE		
BV: 50	CP: 1	
Acceptance Criteria : View sign-in page Write username, password and enter the captcha. Click on sign in button.		

36.

User Story No: 36	Tasks: 2	Priority: MEDIUM
AS AN ADMIN I WANT TO UPDATE PRODUCT CONTENT SO THAT I CAN PROVIDE INFORMATION AND MARKET TO CUSTOMERS. .		
BV: 100	CP: 8	
Acceptance Criteria : Log in to the content management system Create a page of content Edit / update an existing page of content Save changes		

37.

User Story No: 37	Tasks: 3	Priority: MEDIUM
AS A CUSTOMER I WANT MY PASSWORD TO BE REMEMBERED AND AUTOMATICALLY FILLED IN SO THAT, I CAN ACCESS MY ACCOUNT WITHOUT RE-ENTERING MY PASSWORD.		
BV: 100	CP: 5	
Acceptance Criteria : Login-in screen, Enter Email ID and password Click on "Remember my Password" box Save changes and enter submit button		

38.

User Story No: 38	Tasks: 2	Priority: HIGH
AS A DELIVERY BOY I WANT TO UPDATE MY PRECISE LOCATION, SO THAT, CUSTOMER KNOWS MY LOCATION AND WAIT PERIOD.		
BV: 200	CP: 13	

Acceptance Criteria :
Select the order to deliver
Select “auto-detect my location” option or,
Manually select the current location on maps
Update the same in the system

39.

User Story No: 39	Tasks: 3	Priority: HIGH
AS A RESTAURANT OWNER I WANT TO RECEIVE A SALES REPORT OF MY RESTAURANT ON AN EMAIL , SO THAT, I CAN MONITOR THE SALES PROGRESS OF MY RESTAURANT.		
BV: 200	CP: 13	
Acceptance Criteria : The reports are sent daily through an email by the system. The report contains sales detail of a restaurant The reports should be in a PDF format		

40.

User Story No: 40	Tasks: 3	Priority: HIGH
AS A CUSTOMER I WANT TO BE ABLE TO OCCASIONALLY CHANGE MY PASSWORD, SO THAT, I CAN KEEP MY DATA SECURE.		
BV: 200	CP: 8	
Acceptance Criteria : Log in into the application Click on security and privacy dashboard Select “change password” option Enter new password and click on confirm button.		

Question 3.What is an epic? Write 2 epics.

Answer- An epic is a set of related user stories. They are also considered as a “really big user story.” The epic is an item that is larger than the typical user story. It helps in decoding the final requirements of the customer. The epic in the product backlog must be broken down into smaller user stories so that these can be converted into tasks in the sprint backlog. However, when compared to the huge and vague requirements of the customer the epic is smaller but larger than the user story. What is important is that breaking up the epic into still smaller pieces provides the user stories.

Examples

1. SCRUM FOOD APPLICATION

In this example, the epic is a new scrum food app to accompany delivery of foods across city. An app development team would be assembled to tackle the various user stories, which could include:

Augmented reality features so customers can order the food online

Chatbot functionality to assist with small queries

Customer can select the item, make payment, add address details and confirm order

Discounts and promo codes for customers

When all the user stories are completed, the mobile app can be tested and prepared for launch.

2. A WEDDING RECEPTION

The epic is a small wedding reception with 50 guests. A wedding planner will be in charge of this epic, and it is their job to ensure that all the user stories are completed to satisfy the clients (the bride and groom). The user stories could include:

Picking a venue within a certain locality

Preparing food that suits dietary requirements

Selecting decorations to match the theme

Booking a live band that specializes in the clients' favored music genre

Each user story will contain numerous tasks. These tasks must be carried out within a certain time frame or iteration period.

Question 4 –What is the difference between BV and CP?

Answer-

1. BUSINESS VALUE- Business value is not the cost of Development or the complexity of the feature. Business Value is how important is the specific feature (user Story) to the Business. This is estimated by Scrum Currency Notes. We provide Rs1000, Rs 500, Rs 100, Rs 50, Rs 20 and Rs 10 Denominations. These estimations are done by the Stakeholders (Clients). If different values are selected by the stakeholders, then discussions will happen and they agree to one BV value to that user story.

2. COMPLEXITY POINT- A complexity point is a metric used in agile project management and development to estimate the difficulty of implementing a given user story, which is an abstract measure of effort required to implement it.

CP is also known as Story Points (SP). CP is the effort required by the Scrum Developers to develop this feature (user story) using technology. Efforts include time

taken to solve the complexity and write the code. CP is estimated by the Scrum Developers by using Poker cards. We provide pokers with values “?” 1, 2, 3, 5, 8, 13, 20, 40, 100 and BIG. . If different values are selected by the Scrum Developers, then discussions will happen, and they agree to one CP value to that user story.

Question 5 – Explain about Sprint?

Answer-

A sprint is a scrum-based agile methodology concept that is similar to an iteration. A sprint is time boxed to deliver a specific set of user stories and produce working features within a set time period. During sprint planning, the business customer or product owner specifies the user story priority, and the development team commits to the scope for a given sprint. The duration of a sprint is determined by the scrum master. During the sprint, the team holds daily stand-up meetings to discuss progress and brainstorm solutions to challenges.

Your sprint Value? This sprint will take 2 weeks.

Your scrum Value? The scrum value for this project would be 1 day.

PBI	TASKS	WIP	DONE
All the 40 user stories.	User Story-11	User Story-11	User Story-14
	User Story-12	User Story-13	User Story-16
	User Story-13	User Story-20	User Story-19
	User Story-14	User Story-22	User Story-21
	User Story-15	User Story-12	User Story-17
	User Story-16	User Story-18	User Story-23
	User Story-17		User Story-15
	User Story-18		User Story-24
	User Story-19		
	User Story-20		
	User Story-21		
	User Story-22		
	User Story-23		
	User Story-24		

Question 6 – Explain Product backlog and sprint back log?

Answer-

PRODUCT BACKLOG- the unit of work that has to be done is called product backlog.

In product backlog the user stories are first prioritized using MOSCOW technique.

MoSCoW stands for must, should, could and would:

M - Must have this requirement to meet the business needs.

S-Should have this requirement if possible, but project success does not rely on it.

C - Could have this requirement if it does not affect anything else in the project.

W - Would like to have this requirement later, but it won't be delivered this time.

Then the client and development team is asked to give business value and complexity points to the user stories. Then the MVP is assigned.

MVP stands for Minimum Viable Product. An MVP is a concept from agile scrum that refers to a product that has just enough features or the core functionalities to satisfy the needs of customers and, more importantly, give them something to provide feedback on to shape the future of the product.

The Product Backlog is an essential list of items that contain everything that has to be integrated into the product. It is made up of all the Developer's ideas, Product Owners, Stakeholders, etc. A Product Owner is a professional that handles the Product Backlog and is solely responsible for updating the Product Backlog. It is subjected to many changes and is prioritized based on the complexity points.

SPRINT BACKLOG- Sprint Backlogs can be considered as a subset of the Product Backlogs as all the Sprint Backlogs are derived from the Product Backlogs. All the user stories moves from the product backlog to the sprint backlog.

Before a Sprint begins, the Scrum Master organizes a Sprint Planning meeting where the Product Owner explains the most important Product Backlog Items. The Developer decides what items can be developed within a Sprint, and accordingly, a Sprint Backlog is formed.

The outputs from the sprint planning meetings will be taken as an input for the sprint backlog. The Sprint Backlog contains the features that has to be acquired by the end of the particular Sprint. A clear Sprint goal is also made such that the team is clear about what is expected at the end of the Sprint.

The Developer owns the Sprint Backlog as they define how much functionality will be included in the next increment and the work that needs to be delivered so that functionality goes to the "Done" increment.

Question 7 – What is impediments log? write 2 impediments.

Answer- All challenges faced by the team will be logged in the impediments log.

An Agile impediment log is used to record, track and resolve a list of obstacles, challenges that delay the team's performance. Impediments are usually barricades, hurdles or obstacles.

Examples-

1. Lack of technical knowledge and skill sets of resources to handle a particular software is an impediment. In order to shape a food delivery application all the responsible resources should be well trained with all the required software. If the

resources are not trained enough then they will find it difficult to achieve the goals of a given application. Hence, the project will be a failure.

2. As the team is using balsamiq software for the very first time. Initially they are facing some issues with the application. Now, they have been coordinated with us and they will be trained under a good supervision. They will soon adapt to it and work well on balsamiq software.

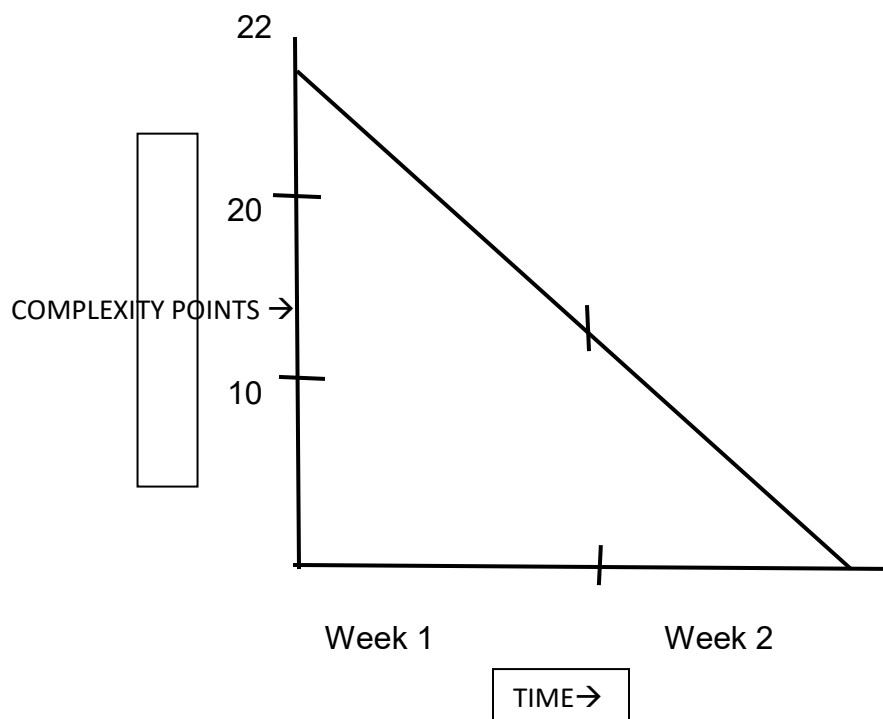
Question 8 – Explain Velocity of the Team?

Answer- Total number of complexity points covered in a particular sprint is called as velocity.

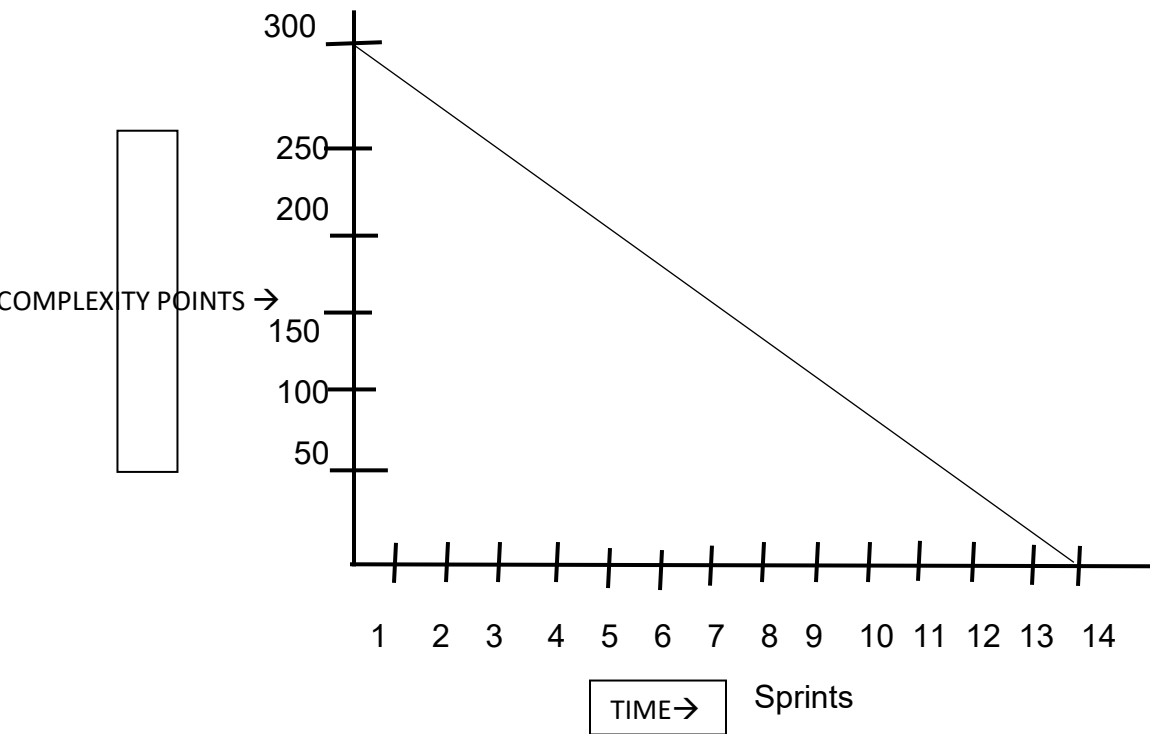
Velocity of a team is a metric that predicts how many complexity points an Agile software development team can successfully complete within a two-week sprint.

Question 9 – Draw Sprint Burn down Charts and Product Burn down Charts?

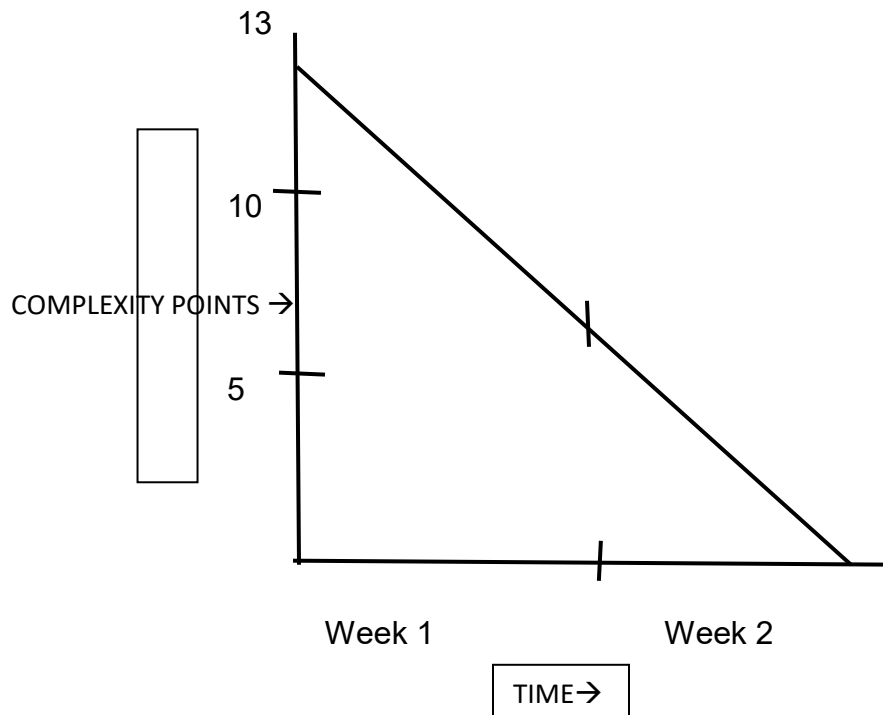
Answer- SPRINT BURNDOWN CHART



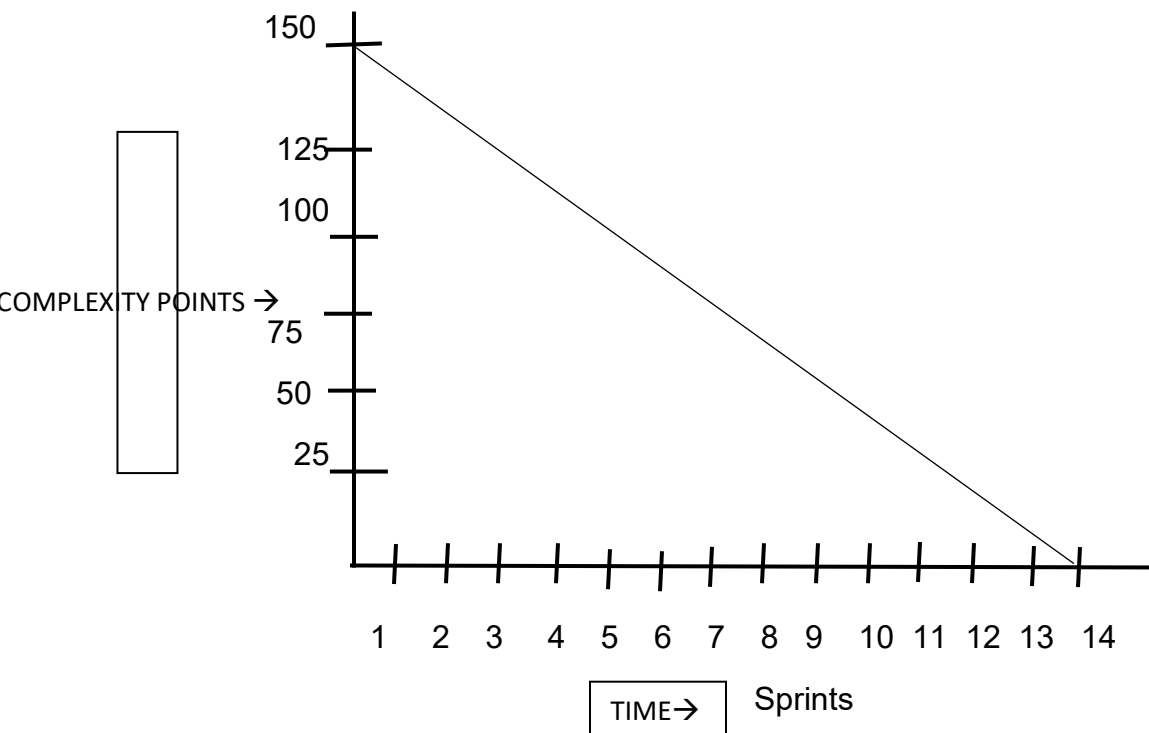
PRODUCT BURNDOWN CHART



SPRINT BURNDOWN CHART for given 40 user stories above.



PRODUCT BURNDOWN CHART



Question 10 – Explain about Product Grooming?

Answer- The inputs of the product grooming will be taken from the sprint review meeting. Stakeholders from the client side and the scrum team assemble in a room for a product grooming session. Grooming is a meeting of the Scrum team in which the updated product backlog items are discussed and the next sprint planning is prepared.

If the productive features or functionalities are identified then they are discussed and worked upon. These stakeholders will explain the scrum team about their requirements for a particular feature or functionality. The main function of the grooming is to filter the backlog to ensure it has relevant features and to discuss each feature in detail, get enough clarity from test/development view.

Question 11 – Explain the roles of Scrum Master and Product Owner?

Answer-

SCRUM MASTER: He is basically the facilitator. He will monitor the performance of the team within the sprint. Team will raise all their issues to scrum master and he will run to look for answers.

This role can be played by any person in team normally BA's plays this role.

- ❖ Scrum Master is responsible for planning and executing the Agile Methodology with the Scrum development team.
- ❖ Monitor the sprint's progress and remove roadblocks impeding the product's development.
- ❖ Work with the Product Owner to make sure the product backlog is up to date.
- ❖ Communicate changes in the product backlog to the development team.
- ❖ A Scrum Master leads the Agile development team and supports the Product Owner

PRODUCT OWNER: as a product owner I will decide what needs to be in the product and will be responsible for how the product has to be. I will regularly interact with customers and BAs. This role may be played by BA or any person who worked for end users for a long time. I will manage the product backlog and ensure the company gains maximum value from the product.

- ❖ Product owner helps in creating and maintaining product backlog.
- ❖ Product owner ensures that in all the modules the relevant user stories has been written.
- ❖ Ensures that every client will give the acceptance criteria, BV and CP..
- ❖ Collaborate with the Scrum Master to ensure the product's development aligns with its original vision.
- ❖ Ensure the product backlog is updated and available to the entire development team.
- ❖ Evaluate progress throughout the development process.

Question 12 – Explain all the Meetings conducted in Scrum Project?

Answer-

1. **SPRINT PLANNING MEETING** -This happens at the beginning of each sprint and team decides on what they will be delivering in the sprint. Sprint Planning Meeting: All 8 Scrum Developers will gather before the sprint starts and understand how many user stories, they can develop in 1 sprint (2 weeks), and move them from the product Backlog to the sprint Backlog. They take inputs from Sprint Retrospective meeting.

2. **DAILY SCRUM MEETING** - Daily Stand-up Meeting. This happens each day where team will just answer 3 questions:

1) What did u do today?

2) What will u do tomorrow?

3) Are there any impediments that is slowing or stopping u?

3. SPRINT REVIEW MEETING - This happens at the end of the sprint where team will demo the completed stories to product owner and get it cleared. All Stakeholders like Scrum Developers, Product owner, Scrum master, Client, 3rd party reviewers will participate.

4. SPRINT RETROSPECTIVE MEETING - This happens at the end of the sprint where team will answer these 3 questions:

1) What went well in the sprint?

2) What did not go well?

3) What are the required areas of improvements in next sprint?

Only the Scrum Developers will participate and will discuss about Challenges faced and come up with lessons learnt. We can use these lessons learnt in Sprint Planning Meeting to select user stories for the next sprint.

5. PRODUCT VISION- An Agile product vision describes why a product is made, who it's for, and what makes it different. An agile product vision statement provides clarity on why a product exists. It's the overarching reason for teams to develop the product and ties all their efforts together. The product vision in Scrum is a brief statement of the desired future state that will be achieved by developing and deploying a product.

Question 13 – Explain Sprint Size and Scrum Size?

Answer-

SPRINT SIZE- Sprints are the soul of Scrum methodology within agile project management.

A sprint is a time-boxed event of weeks in which your Scrum team focuses only on a sprint goal. The goal is typically a product increment or iteration — often an updated, improved version of your product or software.

Normally a sprint happens for two weeks.

SCRUM SIZE- The optimum size for the scrum team is around 10 members with varying skill sets and large enough to accomplish the tasks comfortably and share, communicate, and collaborate effectively.

A Scrum team will have 1 Scrum Master, 1 Product owner and 8 Scrum developers.

-The product owner is responsible for defining the direction of a project. They have a clear understanding of what the business and users need from the product being developed and they communicate these needs to the Scrum team.

-The scrum master makes sure the team follows Agile best practices and is in charge of addressing and removing any productivity blockers team members may experience. Essentially, the scrum master is the authority when it comes to Agile and Scrum.

-The Scrum team is a group of people with the skills needed to build the product as envisioned by the product owner. Developers self-organize and are the authorities of their domain when it comes to determining how work will be performed and planning the backlog.

Question 14 – Explain DOR and DOD?

Answer-

Definition of Done (DoD): It is defined as a checklist for all the Sprint Backlog items that have passed all the conditions and acceptance criteria and are ready to be accepted by the users, consumers, or teams.

- ❖ Updating documentation
- ❖ Building projects without any mistakes
- ❖ Reviewing feature by the Product Owner
- ❖ Deploying the project in the session of testing

Definition of Ready (DoR): It is defined so as to keep track of the items at the top of the Product Backlog that has fulfilled certain pre-conditions and can be added to a Sprint so that the Developers could complete it before the end of the Sprint.

- ❖ A user story is defined as feasible, testable, and clear
- ❖ The acceptance criteria of a user story are defined
- ❖ Individual accepting the user story is recognized
- ❖ There should be at least one acceptance criteria to every user story

Question 15 – Explain Prioritization Techniques and MVP?

Answer- The prioritization technique we use in agile scrum is MoSCoW.

MOSCOW is a prioritization technique used in business analysis and software development to reach a common understanding with stakeholders - also known as MoSCoW prioritization or MoSCoW analysis.

MoSCoW stands for must, should, could and would:

M - Must have this requirement to meet the business needs.

S-Should have this requirement if possible, but project success does not rely on it.

C - Could have this requirement if it does not affect anything else in the project.

W - Would like to have this requirement later, but it won't be delivered this time.

MVP stands for Minimum Viable Product. An MVP is a concept from agile scrum that refers to a product that has just enough features or the core functionalities to satisfy the needs of customers and, more importantly, give them something to provide feedback on to shape the future of the product. An MVP is a way of testing the product vision, specific product features, and the development process itself during that phase

MVP enables us to-

- ❖ Test your product concept with minimal resources at an early stage,
- ❖ Engage with users as quickly as possible,
- ❖ Maximize the information available to the development team,
- ❖ Reduce wasted time and resources,
- ❖ While we work towards the final product, the client has something to use and test.

Question 16 – Difference between Business Analyst n Product Owner?

Answer-

PRODUCT OWNER:

He will decide what needs to be in the product and will be responsible for how the product has to be.

He will regularly interact with customers and BAs.

This role may be played by Business Analyst or any person who worked for end users for a long time.

The Product Owner has a vision of the product keeping the domain/industry experience and the market need. Their job is to ensure that the product meets the market and stakeholder needs; they conduct market analysis to come up with the product vision.

BUSINESS ANALYST:

Once a project is kicked off, BA does the requirement Planning, then conducts various requirement gathering sessions and analyses the requirement.

Finally, the requirement are listed. This list is drafted by BA and discussed with Product Owner.

This requirement list will have all enhancements and existing features.

From the Feature List, BA identifies the Epic and breaks them as Themes and then to User Stories.

BA helps in detailing and eliciting the Requirements as per the Stakeholders' Needs and Expectations. They work closely with the Product Owners to manage the user stories, epics and in delivering detailed artifacts.

Question 17 – Prepare a sample Resume of 3yrs experience Product Owner.

Answer-

RESUME

ROBERT SMITH

+91 95798 27415

Email Id: robertsmith08@gmail.com

www.linkedin.com/in/robert-smith

OBJECTIVE

3+ years of professional experience as a Product Owner successfully executing projects in domains such as e-Commerce, Banking and Insurance. Strong understanding of systems undertaken documentation of process flows, order management Analyzing existing systems and business models to ensure contingency and workarounds around system failures.

CORE COMPETENCIES

Project Management, Product Management, Microsoft Office, Microsoft Visio, Axure, Adobe Illustrator, Balsamiq, User Experience Architecture, Research, Requirements Gathering, Requirements Analysis.

PROFESSIONAL SUMMARY

PRODUCT OWNER

ABC Corporation - May 2015 – July 2017

Key Deliverables:

- ❖ Met regularly with Business and internal stakeholders to understand the company's plans for the products.
- ❖ Created product plans and user stories based on business and customer requirements for three different financial reporting products.
- ❖ Developed with an Agile framework with multiple services and components hosted in SharePoint, AWS, and in a Microsoft Word add-in.
- ❖ Coordinated and managed development work with an offshore team.
- ❖ Designed product features and enhancements that improved production performance by 25% and significantly reduced error rates for basic use cases.
- ❖ Led and coordinated scrum and release activities for a cross-product, cross-group, multiple team product release that allowed the release to ship ahead of schedule.

PRODUCT OWNER

ABC Corporation - May 2014 – July 2015

Key Deliverables:

- ❖ Responsible for product management of a suite of cable network management software solutions, including identifying market opportunities, defining the product roadmap, managing product requirements, and business case development.
- ❖ Collaborated with product development to define detailed software design specifications, use cases and other UML collateral; as well as, established delivery plans and schedules.
- ❖ Tools/Skills Used Business case development to achieve corporate strategic goals and hosted multiple user groups, training, and design sessions. .
- ❖ Proficient in MS Office Suite, MS Project, Visio, waterfall and Agile SDLC methods, JAD, UML, RUP.

Bachelor's Degree in Computer Science

UNIVERSITY OF CALIFORNIA, BERKELEY

6/2001-7/2005

HSC- 12th

JAI HIND JUNIOR COLLEGE OF SCIENCE, CHANDRAPUR

7/2000-5/2001

SSC-10th

SANJO CONVENT SENIOR SECONDARY SCHOOL.

6/1998-5/1999

AFFILIATIONS

- Scored 10 CGPA in class 10th.
- Best content writer award from People of California, digital content creation platform.
- Won district level abacus competition and State level computer quiz competition.
- Certified on successful completion of Aquaculture and Animal Husbandry course.

- Received various award from college departments for being the only male student to clear all the semesters in one attempt.

STRENGTHS AND HOBBIES

- Fair understanding of software development life cycle and agile methodology
- Expertise in gathering requirements and analyzing system data
- Requirement Analysis, Stakeholders management,
- Writing, Reading books, Photography, Theatre, Cricket

PERSONAL PROFILE

Father's name : Mr. ROWDY SMITH

Date of Birth : 25/08/1982

Languages Known : English, French, (Read/Write/Speak)

Permanent Address : Near Honda Showroom, west valley Road
Ashti, Dist- Gadchiroli.

Marital Status : Married