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| |  | | --- | | Question 1 – write Agile Manifesto – 8 Marks | |  | |

**ANSWER:**

* Agile is light weight and can be implemented where faster delivery is required
* No documentation is required
* Customers retention since no document
* No support scalability and extendibility
* The code is itself the form of documentation

**FOUR MAIN VALUES:-**

* Individual and interaction over process and tools
* Working software over a comprehensive documentation
* Customer collaboration over a contract negotiation
* Responding to change over following a plan

Twelve principle of agile:-

* Satisfy the customer through the early and continuous delivery of agile software
* Welcome changing requirement even late in development ,agile process harness change for the customers competitive advantage
* Deliver working software frequently from a couple of week to couple of month with to the shorter time scale
* Business people and developers must work together daily throughout the project
* Build the project around the motivated individual ,give them environment and support they need and trust them to get the job done
* The most efficient and effective method of conveying information to and within a development team is face to face conversation
* Working software is primary measure of progress
* Agile process promote sustainable development, the sponsors, developers and user should be able to maintain a constant pace indefinitely.
* Continues attention to technical excellence and good design enhance agility
* Simplicity – the art of maximising the amount of work not done is essential
* The best architecture requirement and design emerge from self-organising team
* At regular intervals, the team reflects how to become more effective then tunes and adjust its behaviour accordingly

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| Question 2 – User Stories- Acceptance Criteria-BV-CP – 40 Marks |

Write minimum 40 User stories and their Acceptance Criteria along with their BV and CP

ANSWER:-

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| USER STORY NO 1 | TASK-2 | | PRIORITY- Highest |
| AS A CUSTOMER  I WANT TO REGISTER IN SCRUM FOOD SO THAT CAN LOGIN THE APPLICATION | | | |
| BV-100 | | CP 2 | |
| ACCEPTANCE CRITERIA-Registration screen, filled details user name password contact no, email id ,click on registration button ,send successful notification to user | | | |

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| USER STORY 2 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO LOGIN THE SCRUM FOOD APPLICATION  SO THAT I CAN ORDER THE FOOD | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON LOGIN BUTTON  LOGIN IS SUCCESSFUL | | | |

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| USER STORY 3 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT SEARCH FOOD  SO THAT I CAN ORDER THE FOOD | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID ANN PASSWORD  LOGIN  GO TO SEARCH BAR  PUT THE FOOD ITEM NAME  CLICK ON THE SERCH ICON | | | |

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| USER STORY 4 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY BOY  I WANT TO LOGIN THE SCRUM FOOD APPLICATION  SO THAT I CAN DELIVER THE FOOD | | | |
| BA-100 | | CP-3 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON LOGIN BUTTON  LOGIN IS SUCCESSFUL | | | |

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| USER STORY 5 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO ADD THE DELIVERY ADDRESS  SO THAT I CAN GET THE FOOD ON ADDRESS | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON CUSTOMER DETAILS  GO TO ADD ADDRESS  PUT THE ADDDRESS DETAILS  CLICK ON SAVE BUTTON | | | |

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| USER STORY 6 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO ADD THE OFFICE ADDRESS  SO THAT I CAN GET THE FOOD ON ADDRESS | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON CUSTOMER DETAILS  GO TO ADD ADDRESS  PUT THE ADDDRESS DETAILS  CLICK ON SAVE BUTTON | | | |

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| USER STORY 7 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO SEARCH THE RESTAURANT ON APPLICATION  SO THAT I CAN CHOOSE BEST RESTAURANT | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN THE APPLICATION  GO TO HOME PAGE  PUT THE RESTAURANT OR FOOD NAME  SHOW THE PAGE OF RESTAURANT  SELECT THE RESTAURANT | | | |

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| USER STORY 8 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO TRACKER IN APPLICATION  SO THAT I CAN TRACK THE DELIVERY GUY | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  HOME PAGE APPLICATION  GO TO DELIVERY STATUS  CLICK ON MAP  SEE THE TRACKER | | | |

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| USER STORY 9 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY GUY  I WANT TO SEE THE RECEVIED ORDER  SO THAT I CAN DELIVER THE FOOD | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON THE ORDER  CLICK ON RECEIVE ORDER  SEE RESULT | | | |

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| USER STORY 10 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY GUY  I WANT UPDATE THE ORDER I APPLICATION  SO THAT I CAN DELIVER THE FOOD ON RIGHT ADDRESS | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN APPLICATION  GO TO RECEIVED ORDER  GO TO ADDRESS  MAP  TRACK THE LOCATION | | | |

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| USER STORY 11 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO ADD THE DELIVERY ADDRESS  SO THAT I CAN GET THE FOOD ON ADDRESS | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN SCREEN  PUT USERID AND PSSWORD  CLICK ON CUSTOMER DETAILS  GO TO ADD ADDRESS  PUT THE ADDDRESS DETAILS  CLICK ON SAVE BUTTON | | | |

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| USER STORY 12 | TASK 3 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO APPLY THE COUPEN FOR PAYMENT  SO THAT I CAN GET THE DISCOUNT | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  SELECT THE FOOD ITEM  GO TO CART  DISCOUNT COUPEN PAGE  CLICK ON APPLY COUPEN  GET THE DISCOUNT | | | |

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| USER STORY 13 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO ORDER CANCILLATION OPTION  SO THAT I CAN CANCEL MY ORDER | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO CART  SELECT ORDER FOOD  CLICK ON CANCELLATION ORDER  FILLED THE REASON  CLICK ON DONE | | | |

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| USER STORY 14 | TASK 3 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO DO THE ONLINE PAYMENT  SO THAT I CAN DO THE PAYMNET | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  SELECT THE FOOD  GO TO CART  CLICK ON PAYMNET BUTTON  SELECT THE MODE OF PAYMNET UPI,CARD PAYMNET,NET BANKING | | | |

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| USER STORY 15 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO REGISTER MY DETAILS ON APPLICATION  SO THAT DELIVER THE FOOD ONLINE | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO APPLICATION  PUT DETAILS NAME,CONTACTNO,EMIAL ID,RESTAURANT NAME,ADDRESS,SPECILITY  CREATE USER ID AND PASSWORD  CLICK ON RESITER BUTTON  GET THE NOTIFICATION OF SUCCESSFUL REGISTRATION | | | |

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| USER STORY 16 | TASK 3 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO LOGIN THE APLICATION  SO THAT SEE THE ORDERS | | | |
| BA-500 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO APP  PUT USER ID AND PASSWORD  CLICK ON LOGIN  LOGIN SUCCESSFULLY DONE | | | |

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| USER STORY 17 | TASK 3 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO ADD THE FOOD ITEM  SO THAT I CAN GET THE ORDER | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  LOGIN  CLICK ON RESTAUANT FOOD ITEM  CLICK ADD BUTTON  ADD THE FOOD NAME  CLICK ON SAVE | | | |

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| USER STORY 18 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO RAISE THE ISSUE  SO THAT I CAN RAISE THE COMPLAINT AGAINST THE DELIVERY BOY | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO ORDERS  CHECK LAST ORDER  CLICK ON DELIVERY DETAILS  CLICK ON ISSUE  TEXT THE ISSUE  SEND | | | |

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| USER STORY 19 | TASK 2 | | PRIORITY- HIGHEST |
| AS A ADMIN  I WANT TO SEE THE RESTUARANT  SO THAT I CAN SEE THE LIST OF HOW MANY REASTURANT ARE THERE | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN  CLICK ON DETAILS  GET THE LIST OF RESTURANTS | | | |

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| USER STORY 20 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO RAISE THE ISSUE  SO THAT I CAN RAISE THE COMPLAINT AGAINST THE DELIVERY BOY | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO ORDERS  CHECK LAST ORDER  CLICK ON DELIVERY DETAILS  CLICK ON ISSUE  TEXT THE ISSUE  SEND | | | |

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| USER STORY 21 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY BOY  I WANT TO CHECK THE FEEDBACK  SO THAT I CAN SEE THE RATING | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO ORDERS  CHECK LAST ORDER  CLICK ON DELIVERY DETAILS  CHECK THE FEEDBACK AND RATING | | | |

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| USER STORY 22 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO CHECK THE RATINGS  SO THAT I CAN SEE THE CUATOMER FEEDBACK | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO ORDERS  CHECK LAST ORDER  SEE THE RATING EXCELLENT,GOOD,BAD,VERY BAD | | | |

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| USER STORY 23 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO CUSTOMER CARE  SO THAT I CAN RAISE THE TALK THE ISSUE TO A CUSTOMER CARE | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  LOGIN  SEE HOME PAGE  CLICK ON CUTOMER CARE  SEE THE OPTION CHAT OR CALL  SELECT THE OPTION AND CONNECT WITH CUSTOMER CARE | | | |

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| USER STORY 24 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTURANT OWNER  I WANT TO SEE THE REPORTS  SO THAT I CAN CHCEK THE REVENUE PROFIT AND LOSS | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  LOGIN APP  SEE HOME PAGE  CLICK ON ADDITIONAL DETAILS  GO TO REPORTS  CHECK THE RESULT | | | |

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| USER STORY 25 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO SEE THE APPLY THE OFFER  SO THAT I CAN SELL THE FOOD WITH DISCOUNT | | | |
| BA-200 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO HOME PAGE  SELECT THE PAYMENT  SELECT THE OFFER  PUT THE OFFERS  SAVE | | | |

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| USER STORY 26 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY BOY  I WANT TO UPDATE DELIVERY STATUS  SO THAT I CAN UPDATE THE DETAILS | | | |
| BA-500 | | CP-3 | |
| ACCEPTANCE CRITERIA  GO TO HOME PAGE  SELECT THE ORDER  SELECT THE UPDATE  TEXT DETTAILS,DELIVER,NOT DELIVER  SAVE | | | |

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| USER STORY 27 | TASK 2 | | PRIORITY- HIGHEST |
| AS A DELIVERY BOY  I WANT TO SELECT THE CURRENT LOCATION  SO THAT I CAN GET THE FOOD ON TIME | | | |
| BA-500 | | CP-3 | |
| ACCEPTANCE CRITERIA  SELECT THE ORDER  SELECT MAP CHOOSE CURRENT LOCATION  SAVE | | | |

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| USER STORY 28 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOME  I WANT TO GIVE COOKING INSTRUCTION  SO THAT GET THE FOOD ACCORDING TO MY INSTRUCTION | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO CART  ADD ITEM SELECT THE COOKING INSTRUCTION  MENTION DETAILS AND SAVE | | | |
| USER STORY 29 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO GIVE THE TIP  SO THAT I CAN GIVE THE TIP TO DELIVERY BOY | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO CART  ORDERS  SELECT APPLY COUPEN  ADD TIP  DONE | | | |
| USER STORY 30 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO APPLY THE FILTER VEG AND NON VEG ITEM  SO THAT I CAN GET MORE OPTION IN VEG ONLY | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO HOME PAGE  SELECT VEG OPTION ONLY  CLICK ON APPLY  GET THE VEG OPTION | | | |

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| USER STORY 31 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO APPLY THE FILTER VEG AND NON VEG ITEM  SO THAT I CAN GET MORE OPTION IN NON VEG ONLY | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  GO TO HOME PAGE  SELECT VEG OPTION ONLY  CLICK ON APPLY  GET THE NONOPTION | | | |

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| USER STORY 32 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO I WANT REFUND FOR SOME ISSUE  SO THAT I CAN GET MY MONEY | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  SELECT LAST ORDER  RAISED THE ISSUE WITH PICTURE  UPLOAD APPLY FO REFUND | | | |

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| USER STORY 33 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO LINK MY BANK ACCOUNT DETALS  SO THAT I CAN PAY ONLINE | | | |
| BA-1000 | | CP-5 | |
| ACCEPTANCE CRITERIA  LOGIN  GO TO DETAILS  ADD BANK DETAIL ,ACC NO,UPI ID,CARD NO WITH CVV  SAVE | | | |

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| USER STORY 34 | TASK 2 | | PRIORITY- HIGHEST |
| AS A CUSTOMER  I WANT TO LINK MY EMAIL ID  SO THAT I CAN GET OFFER ON MAIL | | | |
| BA-100 | | CP-2 | |
| ACCEPTANCE CRITERIA  LOGIN  PERSOANL DETAILS  PUT EMAIL ID  SAVE | | | |

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| USER STORY 35 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO SHOW THE MESSAGE TO CUSTOMER  SO THAT I CAN TELL THEM THERE IS RUSH ORDER IS NOT ACCEPTING | | | |
| BA-100 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO RESTAURANT DETAILS  ADDITIONAL INFO  SELECT THE CLOSING TIME OR TEXT MESSAGE ORDER NOT ACCEPTING  CLICK ON SAVE | | | |

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| USER STORY 36 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO SEE THE ONLINE REVNUE  SO THAT SEE THE ONLINE INCOME | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO RESTAURANT DETAILS  MY PROFILE  CLICK ON REVENUE  CHECK DAILY,MONTHLY ,QUATERLY,HALF YEARLY ,YEARLY REVENUE. | | | |

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| USER STORY 37 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO ORDER IN SEQUNECE  SO THAT I CAN DELIVER THE ORDER FCFS | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO RESTAURANT DETAILS  CLICK ON RECEIVED ORDER  CHECK TIMING  DELIVER AS PER FIRST COME FIRST SERVE | | | |

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| USER STORY 38 | TASK 2 | | PRIORITY- HIGHEST |
| AS A ADMIN  I WANT TO REGIONAL REPORT  SO THAT I CAN SEE THE REGIONAL REVENUE | | | |
| BA-100 | | CP-3 | |
| ACCEPTANCE CRITERIA  HOME PAGE  CLICKON REPORTS  GENRATE THE REPORT | | | |

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| USER STORY 39 | TASK 2 | | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER  I WANT TO REGULAR AND PRIVILADGE CUSTOMER  SO THAT I CAN GIVE THEM PRIVILEDGE TREATMENT | | | |
| BA-500 | | CP-5 | |
| ACCEPTANCE CRITERIA  GO TO RESTAURANT DETAILS  MY PROFILE  CLICK CUSTOMER HISTORY  CHECK THE FREQUENCY OF ORDERS | | | |

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| USER STORY 40 | TASK 2 | | PRIORITY- HIGHEST |
| AS A ADMIN  I WANT TO SEE THE PAYMENT SETTLEMENT  SO THAT TRACK PAYMENT AND REFUND PAYMENT SMOOTHLY | | | |
| BA-1000 | | CP-2 | |
| ACCEPTANCE CRITERIA  PAYMENT OPTION CLICK ON SETTLEMENT  SEE THE PAGE OF PAYMENT AND REFUND PROPERLY DONE OR NOT | | | |

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| Question 3– What is epic? Write 2 epics – 5 Marks |

ANSWER: - An epic is set of user stories, they also consider a really big story. Epics are used in agile methodologies to organize and prioritize features from a strategic perspective. Once an epic is well understood, it is decomposed into smaller, manageable user stories for development and testing. An Epic is a large body of work that can be broken down into smaller tasks called User Stories. It represents a big feature, goal, or requirement that is too large to complete in a single sprint.In Agile, epics help organize and manage work at a higher level and usually span multiple sprints or releases.

Example

1 USER ACCOUNT MANAGEMENT:-As user I want to register, login, and manage my profile so that I can securely access the platform and update my personal information

2. PRODUCT PURCHASE AND CHECK OUT:-As a customer I want to search the product add them to cart and complete the purchase through a secure checkout process

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| Question 4 –What is the difference between BV and CP – 2 Marks |

ANSWER:-

**BV (Business Value)**Business Value refers to the **benefit or value** a particular user story or feature brings to the business. It helps prioritize the Product Backlog based on the impact the item has on achieving business goals. Higher BV means the item is more important for business success.

**BV** = How valuable the item is to the business

**CP (Complexity Points)**  
Complexity Points (also known as Story Points) indicate the **effort or difficulty** required to implement a user story. It considers aspects like technical difficulty, time required, and risks involved. Higher CP means the item is more complex or time-consuming to complete.

**CP** = How hard it is to build or implement

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| Question 5 –Explain about Sprint– 5 Marks |

Sprint Understanding

What is sprint Duration: 2 Weeks - Your sprint Value?

Scrum is a subunit of Sprint.

What is scrum Duration: 1 day – Your scrum Value? PBI: Product Backlog Item

Task: Unit of Work done by 1 Developer in 1 Scrum WIP: Work In Progress

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| Sprint Backlog PBI | Tasks | WIP | Done |

ANSWER:-

A Sprint is a fixed-length time box within which a specific set of work must be completed and made ready for review. It is a core component of the Scrum framework and helps teams deliver working software frequently and consistently.

* Sprint Duration: Typically lasts for 2 weeks (as per our project value).
* The goal of a Sprint is to deliver a potentially shippable product increment by the end of the time box

SCRUM:-

* Scrum refers to the daily meeting (usually 15 minutes) conducted during a Sprint.
* Scrum Duration: 1 day – it happens daily throughout the Sprint.
* Purpose: Discuss progress, plan the day's work, and identify blockers.
* Sprint Backlog: A list of selected Product Backlog Items (PBIs) and associated Tasks planned for the Sprint.

**SPRINT ARTIFACTS:-**

* PBI (Product Backlog Item): High-level requirement or feature to be developed (Add to Cart functionality).
* Task: A smaller, manageable unit of work derived from PBIs, usually done by a single developer.
* WIP (Work in Progress): Tasks currently being worked on during the Sprint.
* Done : Tasks or PBIs that are fully completed, tested, and meet the Definition of Done (DoD).

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| PBI | TASK | WIP | DONE |
| REGISTRATION | 3 | 2 | 1 |
| LOGIN | 3 | 1 | 2 |
| ADD RESTRO | 5 | 4 | 1 |
| ORDER FO0D | 3 | 1 | 2 |
| TRACK ORDER | 4 | 1 | 3 |
| CUST FEEDBACK | 5 | 2 | 3 |

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| Question 6 – Explain Product backlog and sprint back log– 5 Marks |

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.

Scrum Meeting – Daily Stand-up Meeting

End of every Scrum, Scrum Developers will participate in Scrum meeting. Here they must answer 3 Questions.

a. What task did you work in this scrum?

b. What task will you work on next scrum?

c. Any Challenges/impediments? When you will complete the user story?

ANSWER:-

PRODUCT BACKLOG:-

* The Product Backlog is a master list of all the features, requirements, and changes needed in the product.
* it is maintained by the Product Owner and can be updated anytime.
* Items in the product backlog are usually written as User Stories and are prioritized based on business value and need.
* It includes: Features
* Enhancements
* Bug fixes

SPRINT BACKLOG

* The Sprint Backlog is a subset of the Product Backlog.
* It contains the user stories and tasks selected by the Scrum Team for development in a specific Sprint (2 weeks).
* Created during the Sprint Planning Meeting, where all 8 Scrum Developers meet to decide what can be completed in the Sprint.
* Developers also consider feedback from the Sprint Retrospective Meeting to improve planning.

Print Planning Meeting:

•Held before each Sprint starts.

•Purpose: Decide how many User Stories the team can deliver in one Sprint.

•Selected items are moved from Product Backlog → Sprint Backlog.

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| Question 7 – What is impediments log? write 2 impediments – 5 Marks |

ANSWER:-

An **Impediments Log** is a record maintained by the Scrum team to document all the obstacles or issues (impediments) that hinder the progress of the team during a sprint. These impediments are identified, tracked, and resolved to ensure smooth sprint execution. The Scrum Master is typically responsible for removing or facilitating the removal of these impediments.

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| Technical dependency on 3rd party  Lack of system knowledge  Unavailability of product owner for clarification  Lack of management support |

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| Question 8 – Explain Velocity of the Team – 1 Marks |

Velocity – How many CP is covered in this sprint?

ANSWER:- Velocity is a key metric in Agile (especially Scrum) that measures the amount of work a team can complete during a single Sprint. It is typically calculated based on the **sum of story points (or complexity points - CP)** completed for all user stories that are **done** by the end of the sprint. Velocity is a measure of **how much work the Scrum Team has completed in a sprint,** usuallyrepresented in **Complexity Points (CP)** or **Story Points.**

**EXAMPLE:**

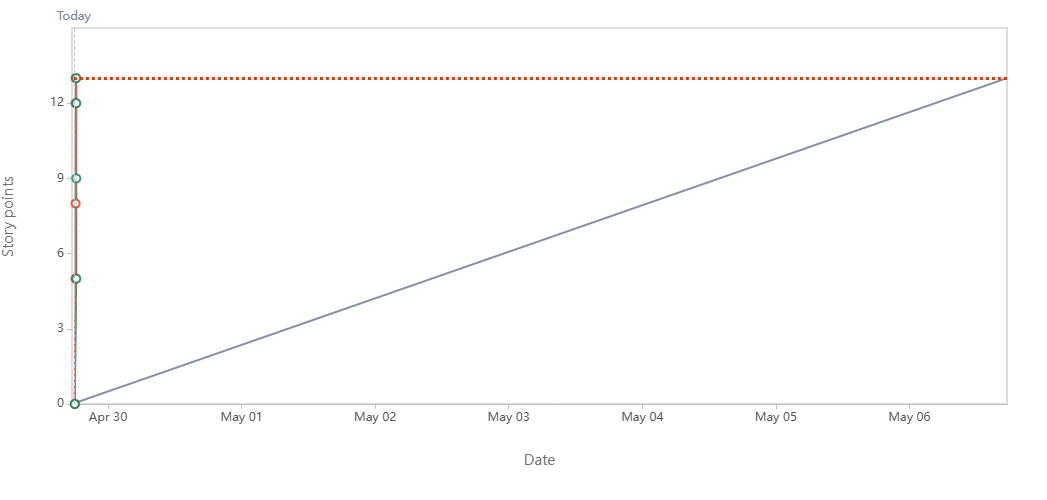
If the team completed the following user stories in Sprint 3:

* Story A = 5 CP
* Story B = 3 CP
* Story C = 2 CP

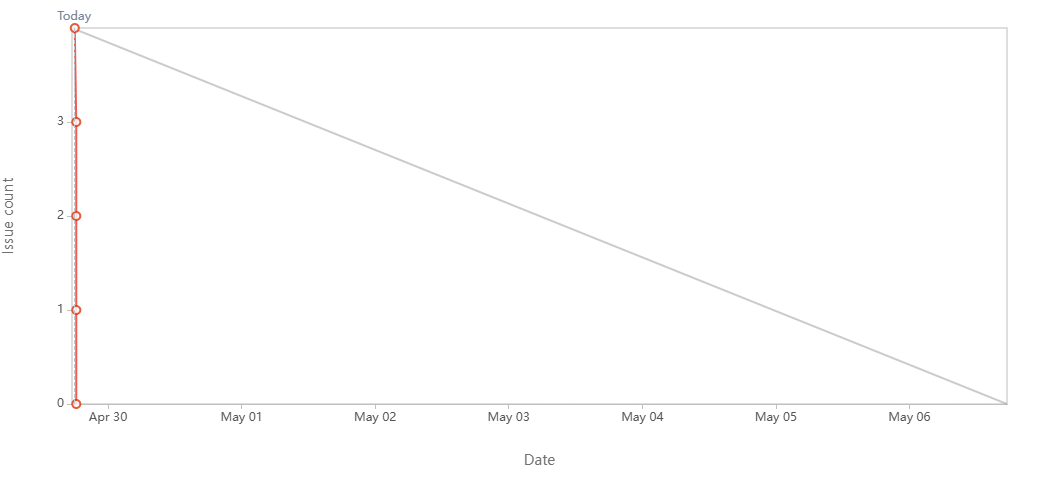
Total Velocity = 5 + 3 + 2 = 10 CP

So, Velocity = 10 CP for this sprint

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| Question 9 – Draw Sprint Burn Charts n Product Burn Down Charts– 3 Marks |



**x**



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| Question 10 – Explain about Product Grooming – 2 Marks |

ANSWER:-

**Product Grooming**, also known as **Backlog Grooming** is a continuous process in Agile development where the **product backlog is reviewed and updated** to ensure it remains relevant, prioritized, and clearly defined.

* Purpose: To keep the backlog clean, organized, and ready for future sprints.
* Participants: Typically includes the Product Owner, Scrum Master, and Development Team.

Activities involved:

* Reviewing and updating user stories or backlog items.
* Clarifying requirements and acceptance criteria.
* Breaking down large stories (epics) into smaller, manageable tasks.
* Estimating effort using story points or other techniques.
* Prioritizing items based on business value and urgency.

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| Question 11 – Explain the roles of Scrum Master and Product Owner – 3 Marks |

ANSWER:-

SCRUM MASTER:-

Scrum master will monitor the performance of the team with in sprint team will raised all their issue to scrum master and he will rum to look for answer this role can be played by any person in team normally BA played this role

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 customer and BA or any person who worked for end for long time or customer himself

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| Question 12 – Explain all Meetings Conducted in Scrum Project – 8 Marks |

ANSWER:-

**1 )Sprint planning meeting:-**

* Purpose**:** To plan the work to be done in the upcoming sprint.
* Whoattends**:** Product Owner, Scrum Master, and Development Team

**Activities:**

* Select items from the product backlog to include in the sprint backlog.
* Define the sprint goal.
* Break down user stories into tasks and estimate effort.

**2) Daily stand-up meeting:-**

* Purpose**:** To inspect progress and synchronize the team.
* Duration**:** 15 minutes.
* whoattends**:** Development Team (Scrum Master and Product Owner can join).
* TypicalQuestions Discussed:

1. What did I do yesterday?
2. What will I do today?
3. Are there any blockers or impediments?

**3) Sprint review meeting:-**

* Purpose**:** This can be done at the end of the project where team will give the demo of a completed stories to product owner and get it clear
* Whoattends**:** Scrum Team and stakeholder
* **Activities:**
  + - Present completed product increment.
    - Collect feedback from stakeholders.
    - Discuss what to do next.

**4) Sprint retrospective meeting:-**

* Purpose**:** To reflect on the sprint and identify areas of improvement.
* whoattends**:** Scrum Team.

**Activities:**

* Discuss what went well.
* Identify what didn’t go well.
* Plan actionable steps for improvement in the next sprint.

3 question will ask at the end of the project

1 )what went well in the sprint?awsedrftgyujnikol

2) what not went well in the sprint?

3) what are the required area for improvement in the next sprint?

**5) backlog refinement :-**

* **Purpose:** To keep the product backlog clean, updated, and ready for sprint planning.
* **Who attends:** Product Owner and Development Team (Scrum Master can assist).
* **Activities:**
  + - Prioritize backlog items.
    - Break down large stories.
    - Add details and estimates.

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| Question 13 – Explain Sprint Size and Scrum Size– 2 Marks |

ANSWER:-

SPRINT SIZE:-

* Sprint Size refers to the duration or length of a sprint in Scrum.
* Usually 1 to 4 weeks, with 2 weeks being the most preferred.
* To deliver a working product increment at the end of each sprint.
* Decided by: The Scrum Team, based on the project’s needs and complexity.

SCRUM SIZE:-

* Definition: Scrum Size refers to the number of people in the Scrum Team.
* Recommended Size: Typically 3 to 9 members.
* Includes:
* Product Owner
* Scrum Master
* Development Team

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| Question 14 – Explain DOR and DOD – 2 Marks |

ANSWER:-

DOR:- A checklist that ensures a **user story or backlog item is ready to be worked on** in a sprint. Ensures the team has enough clarity and information to start development

DOR ensure the work can begin

Example Criteria:

* User story is clearly written.
* Acceptance criteria are defined.
* Dependencies are identified.
* Story is estimated.

DOD:- A checklist that defines when a **user story or task is considered fully completed**. Ensures the quality and completeness of the deliverable.

Dod ensure the can are fully done

Example Criteria:

* Code is written and reviewed.
* Testing (unit/integration) is done.
* Documentation is updated.
* Product Owner has accepted it.

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| Question 15 – Explain Prioritization Techniques and MVP – 3 Marks |

ANSWER:-

MOSCOW:- It is prioritization technique use in business analysis and software development to reach common understanding with stakeholder on the importance they placed on the delivery of each requirement known as Moscow technique

M –Must have this requirement to meet the business need

S-should have this requirement if possible but project success dose not relay it

C- Could have this requirement if it is not affected anything else in the project

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

100 DOLLER TEST:- Example:-

|  |  |  |  |
| --- | --- | --- | --- |
| Request | BV | AV | prioritization |
| req 1 | 100$ | 50$ | 1 |
| req2 | 20$ | 10$ | 2 |
| req3 | 10$ | 50$ | 4 |
| req4 | 10$ | 100$ | 5 |
| req5 | 5$ | 5$ | 3 |

Top 10 requirement: - Mandatory, very important, rather imp, not important, does not matter

MVP:- The **simplest version** of a product that includes just enough features to satisfy **early users** and provide **feedback** for future development.

**Purpose:**

* Test assumptions quickly.
* Save time and cost.
* Learn what customers actually want.

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| Question 16 – Difference between Business Analyst n Product Owner – 3 Marks |

ANSWER:-

BUSINESS ANALYST:-

* Main Goal: Understand the business problems and find solutions.
* Works With: Business teams, users, and development team.

Key Tasks:

* Gather and document requirements.
* Analyse data, processes, and systems.
* Help developers understand what the business needs.
* Act as a bridge between business and tech teams.
* Focus on requirement and business analyst
* Thing to understand how thing should work

PRODUCT OWNER:-

* MainGoal: Build the right product that delivers value.
* WorksWith: Development team, stakeholders, customers.
* KeyTasks:
* Own and manage the product backlog.
* Set priorities for the development team.
* Make decisions on what features to build.
* Ensure the product meets business goals and user needs.
* Focus on product vision and feature priorities
* Decide what should be built and when

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| Question 17 – Prepare a sample Resume of 3yrs exp Product Owner – 3 Marks |

**NAME:** Shruti Parashar  
**EmailSharumak109@gmail.cpm**  
**Phone:** +91-9876543210  
**Location:** pune, India

**PROFESSHONAL SUMMARY**

Product Owner with 3 years of experience in the **banking and financial services domain,** driving digital transformation initiatives for retail banking products. Expert in translating complex business requirements into actionable user stories and leading Agile teams to deliver secure, scalable, and user-friendly finch solutions. Strong understanding of banking workflows, regulatory compliance, and customer-centric design.

PROFESSIONAL EXPERIENCE

Product Owner – Retail Banking Solutions

**In Core Technologies, PUNE**

*March 2022 – Present*

* Owned the product roadmap for a digital savings account on boarding platform used by a leading private bank.
* Defined epics and user stories focused on KYC, e-signature integration, and real-time verification with government APIs (Aadhaar, PAN).
* Worked closely with compliance, legal, and IT security teams to ensure regulatory adherence (RBI, GDPR).
* Collaborated with cross-functional Agile teams (10+ members) for sprint planning and backlog grooming.

**Key Achievements:**

* Reduced account opening time from 3 days to 15 minutes.
* Increased digital on boarding by 45% within the first 6 months of launch.

**ASSOCIATE OF PRODUCT OWNER-LEADING AND CREDIT SYSTEM**

**Bank Tech Innovations, Pune**  
*June 2020 – Feb 2022*

* Supported development of an internal loan origination system for SME loans.
* Worked on automation of credit scoring, document verification, and approval workflows.
* Facilitated regular demos to stakeholders including loan officers, risk teams, and senior management.
* Maintained Jira boards, user story documentation, and coordinated UAT with QA teams

**Key Achievements:**

* Helped reduce loan processing time by 30% through automation features.
* Played a key role in the launch of a pre-approved loan feature for existing customers.

EDUCATION:-

Bachelor of science (B,SC)

Diploma in BFSI

CERTIFICATION:-

* CertifiedScrum Product Owner (CSPO) – Scrum Alliance
* BankingDomain Certification – NIIT IFBI

SKILLS:-

* Banking Product Lifecycle
* Agile/Scrum Practices
* Digital On boarding & KYC
* Loan Origination & Credit Risk Systems
* Jira, Confluence
* Regulatory Compliance (RBI, GDPR)
* Wireframes/User Story Mapping
* Stakeholder Communication
* Data Security Awareness

LANGUAGES:-

* English (Fluent)
* Hindi (Native)
* Marathi (Fluent)