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|  Question 1 – write Agile Manifesto – 8 Marks  |
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**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 FOODSO 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 APPLICATIONSO THAT I CAN ORDER THE FOOD |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON LOGIN BUTTONLOGIN IS SUCCESSFUL |

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| USER STORY 3 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT SEARCH FOODSO THAT I CAN ORDER THE FOOD |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID ANN PASSWORDLOGIN GO TO SEARCH BAR PUT THE FOOD ITEM NAMECLICK ON THE SERCH ICON |

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| --- | --- | --- |
| USER STORY 4 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY BOYI WANT TO LOGIN THE SCRUM FOOD APPLICATIONSO THAT I CAN DELIVER THE FOOD |
| BA-100 | CP-3 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON LOGIN BUTTONLOGIN IS SUCCESSFUL |

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| --- | --- | --- |
| USER STORY 5 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO ADD THE DELIVERY ADDRESSSO THAT I CAN GET THE FOOD ON ADDRESS |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON CUSTOMER DETAILSGO TO ADD ADDRESSPUT 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 ADDRESSSO THAT I CAN GET THE FOOD ON ADDRESS |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON CUSTOMER DETAILSGO TO ADD ADDRESSPUT 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 APPLICATIONSO THAT I CAN CHOOSE BEST RESTAURANT |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIALOGIN THE APPLICATIONGO TO HOME PAGEPUT THE RESTAURANT OR FOOD NAMESHOW THE PAGE OF RESTAURANTSELECT THE RESTAURANT  |

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| --- | --- | --- |
| USER STORY 8 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO TRACKER IN APPLICATIONSO THAT I CAN TRACK THE DELIVERY GUY |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIAHOME PAGE APPLICATIONGO TO DELIVERY STATUSCLICK ON MAPSEE THE TRACKER |

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| --- | --- | --- |
| USER STORY 9 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY GUYI WANT TO SEE THE RECEVIED ORDERSO THAT I CAN DELIVER THE FOOD |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON THE ORDERCLICK ON RECEIVE ORDERSEE RESULT |

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| --- | --- | --- |
| USER STORY 10 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY GUYI WANT UPDATE THE ORDER I APPLICATIONSO THAT I CAN DELIVER THE FOOD ON RIGHT ADDRESS |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN APPLICATIONGO TO RECEIVED ORDERGO TO ADDRESSMAPTRACK THE LOCATION |

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| USER STORY 11 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO ADD THE DELIVERY ADDRESSSO THAT I CAN GET THE FOOD ON ADDRESS |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIALOGIN SCREENPUT USERID AND PSSWORDCLICK ON CUSTOMER DETAILSGO TO ADD ADDRESSPUT 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 PAYMENTSO THAT I CAN GET THE DISCOUNT |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIASELECT THE FOOD ITEMGO TO CARTDISCOUNT COUPEN PAGECLICK ON APPLY COUPENGET THE DISCOUNT |

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| --- | --- | --- |
| USER STORY 13 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO ORDER CANCILLATION OPTIONSO THAT I CAN CANCEL MY ORDER |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIAGO TO CART SELECT ORDER FOODCLICK ON CANCELLATION ORDERFILLED THE REASONCLICK ON DONE |

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| --- | --- | --- |
| USER STORY 14 | TASK 3 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO DO THE ONLINE PAYMENTSO THAT I CAN DO THE PAYMNET |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIASELECT THE FOODGO TO CARTCLICK 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 OWNERI WANT TO REGISTER MY DETAILS ON APPLICATIONSO THAT DELIVER THE FOOD ONLINE |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIAGO TO APPLICATION PUT DETAILS NAME,CONTACTNO,EMIAL ID,RESTAURANT NAME,ADDRESS,SPECILITY CREATE USER ID AND PASSWORDCLICK ON RESITER BUTTONGET 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 APLICATIONSO THAT SEE THE ORDERS |
| BA-500 | CP-2 |
| ACCEPTANCE CRITERIAGO TO APPPUT USER ID AND PASSWORDCLICK ON LOGINLOGIN SUCCESSFULLY DONE |

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| --- | --- | --- |
| USER STORY 17 | TASK 3 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO ADD THE FOOD ITEMSO THAT I CAN GET THE ORDER |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIALOGINCLICK ON RESTAUANT FOOD ITEMCLICK ADD BUTTONADD THE FOOD NAMECLICK ON SAVE |

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| --- | --- | --- |
| USER STORY 18 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO RAISE THE ISSUESO THAT I CAN RAISE THE COMPLAINT AGAINST THE DELIVERY BOY |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIAGO TO ORDERSCHECK LAST ORDERCLICK ON DELIVERY DETAILSCLICK ON ISSUETEXT THE ISSUESEND |

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| --- | --- | --- |
| USER STORY 19 | TASK 2 | PRIORITY- HIGHEST |
| AS A ADMINI WANT TO SEE THE RESTUARANTSO THAT I CAN SEE THE LIST OF HOW MANY REASTURANT ARE THERE |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIALOGINCLICK ON DETAILSGET THE LIST OF RESTURANTS |

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| --- | --- | --- |
| USER STORY 20 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMER I WANT TO RAISE THE ISSUESO THAT I CAN RAISE THE COMPLAINT AGAINST THE DELIVERY BOY |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIAGO TO ORDERSCHECK LAST ORDERCLICK ON DELIVERY DETAILSCLICK ON ISSUETEXT THE ISSUESEND |

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| --- | --- | --- |
| USER STORY 21 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY BOY I WANT TO CHECK THE FEEDBACKSO THAT I CAN SEE THE RATING |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIAGO TO ORDERSCHECK LAST ORDERCLICK ON DELIVERY DETAILSCHECK THE FEEDBACK AND RATING |

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| --- | --- | --- |
| USER STORY 22 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO CHECK THE RATINGSSO THAT I CAN SEE THE CUATOMER FEEDBACK |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIAGO TO ORDERSCHECK LAST ORDERSEE 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 CARESO THAT I CAN RAISE THE TALK THE ISSUE TO A CUSTOMER CARE |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIALOGINSEE HOME PAGECLICK ON CUTOMER CARESEE THE OPTION CHAT OR CALLSELECT 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 REPORTSSO THAT I CAN CHCEK THE REVENUE PROFIT AND LOSS |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIALOGIN APPSEE HOME PAGECLICK ON ADDITIONAL DETAILSGO TO REPORTSCHECK THE RESULT |

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| --- | --- | --- |
| USER STORY 25 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNER I WANT TO SEE THE APPLY THE OFFERSO THAT I CAN SELL THE FOOD WITH DISCOUNT |
| BA-200 | CP-5 |
| ACCEPTANCE CRITERIAGO TO HOME PAGESELECT THE PAYMENTSELECT THE OFFERPUT THE OFFERSSAVE |

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| --- | --- | --- |
| USER STORY 26 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY BOY I WANT TO UPDATE DELIVERY STATUSSO THAT I CAN UPDATE THE DETAILS |
| BA-500 | CP-3 |
| ACCEPTANCE CRITERIAGO TO HOME PAGESELECT THE ORDERSELECT THE UPDATETEXT DETTAILS,DELIVER,NOT DELIVERSAVE |

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| --- | --- | --- |
| USER STORY 27 | TASK 2 | PRIORITY- HIGHEST |
| AS A DELIVERY BOY I WANT TO SELECT THE CURRENT LOCATIONSO THAT I CAN GET THE FOOD ON TIME |
| BA-500 | CP-3 |
| ACCEPTANCE CRITERIASELECT THE ORDERSELECT MAP CHOOSE CURRENT LOCATIONSAVE |

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| --- | --- | --- |
| USER STORY 28 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMEI WANT TO GIVE COOKING INSTRUCTIONSO THAT GET THE FOOD ACCORDING TO MY INSTRUCTION |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIAGO CARTADD ITEM SELECT THE COOKING INSTRUCTION MENTION DETAILS AND SAVE |
| USER STORY 29 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO GIVE THE TIPSO THAT I CAN GIVE THE TIP TO DELIVERY BOY |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIAGO TO CART ORDERSSELECT APPLY COUPENADD TIPDONE |
| USER STORY 30 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO APPLY THE FILTER VEG AND NON VEG ITEMSO THAT I CAN GET MORE OPTION IN VEG ONLY |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIAGO TO HOME PAGE SELECT VEG OPTION ONLYCLICK ON APPLYGET THE VEG OPTION |

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| --- | --- | --- |
| USER STORY 31 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO APPLY THE FILTER VEG AND NON VEG ITEMSO THAT I CAN GET MORE OPTION IN NON VEG ONLY |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIAGO TO HOME PAGE SELECT VEG OPTION ONLYCLICK ON APPLYGET THE NONOPTION |

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| --- | --- | --- |
| USER STORY 32 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO I WANT REFUND FOR SOME ISSUESO THAT I CAN GET MY MONEY |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIASELECT LAST ORDERRAISED THE ISSUE WITH PICTUREUPLOAD APPLY FO REFUND |

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| USER STORY 33 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO LINK MY BANK ACCOUNT DETALSSO THAT I CAN PAY ONLINE |
| BA-1000 | CP-5 |
| ACCEPTANCE CRITERIALOGINGO TO DETAILSADD BANK DETAIL ,ACC NO,UPI ID,CARD NO WITH CVVSAVE |

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| --- | --- | --- |
| USER STORY 34 | TASK 2 | PRIORITY- HIGHEST |
| AS A CUSTOMERI WANT TO LINK MY EMAIL IDSO THAT I CAN GET OFFER ON MAIL |
| BA-100 | CP-2 |
| ACCEPTANCE CRITERIALOGINPERSOANL DETAILSPUT EMAIL ID SAVE |

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| --- | --- | --- |
| USER STORY 35 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO SHOW THE MESSAGE TO CUSTOMERSO THAT I CAN TELL THEM THERE IS RUSH ORDER IS NOT ACCEPTING |
| BA-100 | CP-5 |
| ACCEPTANCE CRITERIAGO TO RESTAURANT DETAILSADDITIONAL INFOSELECT THE CLOSING TIME OR TEXT MESSAGE ORDER NOT ACCEPTINGCLICK ON SAVE |

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| --- | --- | --- |
| USER STORY 36 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO SEE THE ONLINE REVNUESO THAT SEE THE ONLINE INCOME |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIAGO TO RESTAURANT DETAILSMY PROFILECLICK ON REVENUECHECK DAILY,MONTHLY ,QUATERLY,HALF YEARLY ,YEARLY REVENUE. |

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| --- | --- | --- |
| USER STORY 37 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO ORDER IN SEQUNECESO THAT I CAN DELIVER THE ORDER FCFS |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIAGO TO RESTAURANT DETAILSCLICK ON RECEIVED ORDERCHECK TIMING DELIVER AS PER FIRST COME FIRST SERVE |

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| USER STORY 38 | TASK 2 | PRIORITY- HIGHEST |
| AS A ADMINI WANT TO REGIONAL REPORTSO THAT I CAN SEE THE REGIONAL REVENUE |
| BA-100 | CP-3 |
| ACCEPTANCE CRITERIAHOME PAGECLICKON REPORTSGENRATE THE REPORT |

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| --- | --- | --- |
| USER STORY 39 | TASK 2 | PRIORITY- HIGHEST |
| AS A RESTAURANT OWNERI WANT TO REGULAR AND PRIVILADGE CUSTOMERSO THAT I CAN GIVE THEM PRIVILEDGE TREATMENT |
| BA-500 | CP-5 |
| ACCEPTANCE CRITERIAGO TO RESTAURANT DETAILSMY PROFILECLICK CUSTOMER HISTORYCHECK THE FREQUENCY OF ORDERS  |

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| --- | --- | --- |
| USER STORY 40 | TASK 2 | PRIORITY- HIGHEST |
| AS A ADMINI WANT TO SEE THE PAYMENT SETTLEMENTSO THAT TRACK PAYMENT AND REFUND PAYMENT SMOOTHLY |
| BA-1000 | CP-2 |
| ACCEPTANCE CRITERIAPAYMENT OPTION CLICK ON SETTLEMENTSEE 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 partyLack of system knowledgeUnavailability 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)