**SCRUM FOODS - V2D2**

**1. Agile Manifesto**

Manifesto for Agile Software Development Main Values

**Individuals and interactions** over processes and tools

**Working software** over comprehensive documentation

**Customer collaboration** over contract negotiation

**Responding to change** over following a plan

Principles

* Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
* Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
* Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
* Business people and developers must work together daily throughout the project.
* Build projects around motivated individuals. Give them the 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 the primary measure of progress.
* Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
* Continuous attention to technical excellence and good design enhances agility.
* Simplicity--the art of maximizing the amount of work not done--is essential.
* The best architectures, requirements, and designs emerge from self-organizing teams.
* At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behaviour accordingly.

**2. User Stories- Acceptance Criteria-BV-CP**

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| --- | --- | --- |
| User Story No: 1 | Tasks: 2 | Priority: HIGHEST |
| AS A DELIVERY BOYI WANT TO REGISTER IN SCRUM FOODSSO THAT I CAN DELIVER ORDERS |
| BV: 500 | CP: 2 |  |
| ACCEPTANCE CRITERIARegistration ScreenText Boxes for User Name, Password, Nation ID, Mobile No, Email, Address, Phone Number.Click on Register Button.Send Successful Notification to the user |
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| --- | --- | --- |
| User Story No: 2 | Tasks: 1 | Priority: HIGH |
| AS A RESTAURANT OWNERI WANT TO VIEW ORDERSSO THAT I CAN VIEW THE LIST OF ORDERS |
| BV: 500 | CP: 2 |  |
| ACCEPTANCE CRITERIAGotta have an order viewShow orders in a table |
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| --- | --- | --- |
| User Story No: 3 | Tasks: 1 | Priority: HIGH |
| AS A CUSTOMERI WANT TO ADD THE ADDRESSSO THAT I CAN GET THE ORDER TO MY ADDRESS |
| BV: 500 | CP: 2 |  |
| ACCEPTANCE CRITERIANeed a box to put in the address.Gotta be within 5km, ya know? |
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| --- | --- | --- |
| User Story No: 4 | Tasks: 1 | Priority: HIGH |
| AS A CUSTOMERI WANT TO SELECT THE PAYMENT MODESO THAT I CAN MAKE PAYMENT OF MY CHOICE |
| BV: 500 | CP: 3 |  |
| ACCEPTANCE CRITERIAShow the payment options, with those roundy things to pick one, and a payment button.Just one payment method, please! |
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| --- | --- | --- |
| User Story No: 5 | Tasks: 1 | Priority: HIGH |
| AS A ADMINI WANT TO VIEW THE RESTAURANTSSO THAT I CAN APPROVE THEIR REGISTRATION |
| BV: 500 | CP: 2 |  |
| ACCEPTANCE CRITERIAGotta have a restaurant list, let me pick one, see their details, and a button to say yes or no.Oh, and tell the restaurant what happened. |
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| --- | --- | --- |
| User Story No: 6 | Tasks: 1 | Priority: MEDIUM |
| AS A CUSTOMERI WANT TO VIEW THE PRICESO THAT I CAN ORDER THE FOOD |
| BV: 50 | CP: 1 |  |
| ACCEPTANCE CRITERIAShow the price with the food, yeah? |
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| --- | --- | --- |
| User Story No: 7 | Tasks: 1 | Priority: MEDIUM |
| AS A CUSTOMERI WANT TO VIEW THE CONTACT NUMBER OF DELIVERY BOYSO THAT I CAN CONTACT DELIVERY BOY FOR THE STATUS |
| BV: 50 | CP: 1 |  |
| ACCEPTANCE CRITERIAShow the delivery guy's numberShow their name on the tracking thingyShow their picture, too! |
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| --- | --- | --- |
| User Story No: 8 | Tasks: 1 | Priority: MEDIUM |
| AS A RESTAURANT OWNERI WANT TO PROVIDE TIME SLOTSSO THAT CUSTOMER CAN CHECK OPENING AND CLOSING HOURS |
| BV: 100 | CP: 2 |  |
| ACCEPTANCE CRITERIAGo to the restaurant dashboardAdd the 'from' and 'to' timesClick submitShow 'updated!' message |
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| --- | --- | --- |
| User Story No: 9 | Tasks: 1 | Priority: HIGH |
| AS A BUSINESS OWNERI WANT TO VIEW RESTAURANT REVENUE REPORTSO THAT I CAN VIEW THE RESTAURANT'S REVENUE |
| BV: 200 | CP: 3 |  |
| ACCEPTANCE CRITERIASelect ReportsSelect Revenue ReportsPick the date rangePick the area (or all of 'em)Make the report!Gotta be able to download it in Excel |
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| --- | --- | --- |
| User Story No: 10 | Tasks: 1 | Priority: HIGH |
| AS A REG ADMINI WANT TO MANAGE REGIONAL RESTAURANTSSO THAT I CAN TRACK THE PERFORMANCE OF REGIONAL RESTAURANTS |
| BV: 200 | CP: 3 |  |
| ACCEPTANCE CRITERIACLICK ON PERFORMANCE OF RESTAURANTSSELECT FROM DATE TO DATECLICK ON GENERATE REPORT WHICH INCLUDES RESTAURANTS ID, NAME, REVENUECLICK ON DOWNLOAD REPORT SHOULD BE IN EXCEL |
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| --- | --- | --- |
| User Story No: 11 | Tasks: 1 | Priority: HIGH |
| AS A ADMINI WANT TO SEE THE REGIONAL REVENUE REPORTSSO THAT I CAN VIEW THE REGIONAL PERFORMANCE |
| BV: 100 | CP: 3 |  |
| ACCEPTANCE CRITERIASelect regional dropdownView performance of each rest of that region in tabular form which includes rest name, revenue, generatedDownload in excel or PDF |
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| --- | --- | --- |
| User Story No: 12 | Tasks: 1 | Priority: HIGH |
| AS A CUSTOMERI WANT TO CHAT WITH REG ADMIN FOR REFUNDSO THAT I CAN REQUEST |
| BV: 200 | CP: 2 |  |
| ACCEPTANCE CRITERIABR-ALL MANDATORYTEXT BOX FIELDSDISPLAY ORDER IDTEXT BOX, FOR DESCRIPTIONSUBMIT BUTTONGENERATE ISSUE IDDISPLAY SUCCESSFUL |
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|

**USER STORY NO: 13** | **Tasks: 2** | **Priority: HIGHEST**
**AS A CUSTOMER**
**I WANT TO REGISTER IN SCRUM FOODS**
**SO THAT I CAN ORDER FOOD**
**BV: 500** | **CP: 02**
**ACCEPTANCE CRITERIA**
Display registration screen with fields for username, password, email, mobile number, and address.
Validate email and mobile number format.
Click "Register" button to submit.
Send successful registration notification via email.

 **Customer-Focused User Stories**

 USER STORY NO: 13 | Tasks: 2 | Priority: HIGHEST

 AS A CUSTOMER

 I WANT TO REGISTER IN SCRUM FOODS

 SO THAT I CAN ORDER FOOD

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display registration screen with fields for username, password, email, mobile number, and address.

- Validate email and mobile number format.

- Click "Register" button to submit.

- Send successful registration notification via email.

 SPRINT-1

 USER STORY NO: 14 | Tasks: 2 | Priority: HIGHEST

 AS A CUSTOMER

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN ACCESS MY ACCOUNT

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to home screen on successful login.

- Display error message for invalid credentials.

 SPRINT-1

 USER STORY NO: 15 | Tasks: 3 | Priority: HIGH

 AS A CUSTOMER

 I WANT TO SEARCH FOR RESTAURANTS

 SO THAT I CAN VIEW AVAILABLE OPTIONS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display search bar for restaurant name or cuisine type.

- Show list of matching restaurants with name and rating.

- Allow filtering by distance or rating.

 SPRINT-1

 USER STORY NO: 16 | Tasks: 2 | Priority: HIGH

 AS A CUSTOMER

 I WANT TO VIEW A RESTAURANT’S MENU

 SO THAT I CAN CHOOSE FOOD ITEMS

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Display menu with item names, descriptions, and prices.

- Show item availability status.

- Allow sorting by price or category.

 SPRINT-1

 USER STORY NO: 17 | Tasks: 3 | Priority: HIGH

 AS A CUSTOMER

 I WANT TO ADD ITEMS TO MY CART

 SO THAT I CAN ORDER MULTIPLE ITEMS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Provide "Add to Cart" button for each menu item.

- Display cart with item names, quantities, and total price.

- Allow modifying item quantities in cart.

 SPRINT-1

 USER STORY NO: 18 | Tasks: 3 | Priority: HIGH

 AS A CUSTOMER

 I WANT TO TRACK MY ORDER

 SO THAT I KNOW ITS STATUS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display real-time order status (e.g., preparing, dispatched, delivered).

- Show estimated delivery time.

- Display delivery boy’s name and contact number.

 SPRINT-1

 USER STORY NO: 19 | Tasks: 2 | Priority: MEDIUM

 AS A CUSTOMER

 I WANT TO CANCEL MY ORDER

 SO THAT I CAN OPT OUT IF NEEDED

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Provide "Cancel Order" button before order is dispatched.

- Display confirmation prompt.

- Send cancellation notification to customer and restaurant.

 SPRINT-1

 USER STORY NO: 20 | Tasks: 2 | Priority: MEDIUM

 AS A CUSTOMER

 I WANT TO PROVIDE FEEDBACK

 SO THAT I CAN RATE MY EXPERIENCE

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display feedback form with rating (1-5 stars) and comment field.

- Allow submission after order delivery.

- Send confirmation of feedback submission.

 SPRINT-1

 USER STORY NO: 21 | Tasks: 2 | Priority: MEDIUM

 AS A CUSTOMER

 I WANT TO VIEW MY ORDER HISTORY

 SO THAT I CAN TRACK PAST ORDERS

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of past orders with date, restaurant, and total amount.

- Allow viewing details of each order.

 SPRINT-1

 USER STORY NO: 22 | Tasks: 3 | Priority: MEDIUM

 AS A CUSTOMER

 I WANT TO APPLY A PROMO CODE

 SO THAT I CAN GET A DISCOUNT

 BV: 100 | CP: 03

 ACCEPTANCE CRITERIA

- Display field to enter promo code at checkout.

- Validate promo code and apply discount.

- Show updated total amount.

**Delivery Boy-Focused User Stories**

 SPRINT-1

 USER STORY NO: 23 | Tasks: 2 | Priority: HIGHEST

 AS A DELIVERY BOY

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN ACCESS MY DASHBOARD

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to delivery dashboard on successful login.

 SPRINT-1

 USER STORY NO: 24 | Tasks: 2 | Priority: HIGH

 AS A DELIVERY BOY

 I WANT TO VIEW AVAILABLE ORDERS

 SO THAT I CAN ACCEPT THEM

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of available orders with restaurant name and delivery address.

- Show order distance and estimated delivery time.

- Provide "Accept" button.

 SPRINT-1

 USER STORY NO: 25 | Tasks: 2 | Priority: HIGH

 AS A DELIVERY BOY

 I WANT TO UPDATE ORDER STATUS

 SO THAT CUSTOMERS KNOW PROGRESS

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Allow updating status (e.g., picked up, on the way, delivered).

- Notify customer of status change.

- Log status updates in system.

 SPRINT-1

 USER STORY NO: 26 | Tasks: 2 | Priority: MEDIUM

 AS A DELIVERY BOY

 I WANT TO VIEW MY DELIVERY HISTORY

 SO THAT I CAN TRACK MY WORK

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of completed deliveries with date and amount.

- Allow viewing details of each delivery.

 SPRINT-1

 USER STORY NO: 27 | Tasks: 2 | Priority: MEDIUM

 AS A DELIVERY BOY

 I WANT TO RAISE AN ISSUE

 SO THAT I CAN REPORT PROBLEMS

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Provide form with fields for issue description and order ID.

- Submit issue to regional admin.

- Display issue ID and confirmation.

 SPRINT-1

 USER STORY NO: 28 | Tasks: 2 | Priority: MEDIUM

 AS A DELIVERY BOY

 I WANT TO VIEW MY EARNINGS

 SO THAT I KNOW MY REVENUE

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display earnings summary for selected date range.

- Show breakdown by order.

- Allow downloading earnings report in PDF.

 SPRINT-1

 USER STORY NO: 29 | Tasks: 2 | Priority: MEDIUM

 AS A DELIVERY BOY

 I WANT TO VERIFY COD PAYMENT

 SO THAT I CAN CONFIRM RECEIPT

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display COD amount for order.

- Provide button to confirm payment receipt.

- Notify restaurant of payment confirmation.

**Restaurant-Focused User Stories**

 SPRINT-1

 USER STORY NO: 30 | Tasks: 3 | Priority: HIGHEST

 AS A RESTAURANT OWNER

 I WANT TO REGISTER IN SCRUM FOODS

 SO THAT I CAN LIST MY RESTAURANT

 BV: 500 | CP: 03

 ACCEPTANCE CRITERIA

- Display registration form with fields for restaurant name, address, license number, and contact details.

- Validate license number.

- Send registration confirmation pending admin approval.

 SPRINT-1

 USER STORY NO: 31 | Tasks: 2 | Priority: HIGHEST

 AS A RESTAURANT OWNER

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN MANAGE ORDERS

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to restaurant dashboard.

 SPRINT-1

 USER STORY NO: 32 | Tasks: 3 | Priority: HIGH

 AS A RESTAURANT OWNER

 I WANT TO UPDATE MY MENU

 SO THAT CUSTOMERS SEE CURRENT ITEMS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Provide form to add/edit item name, price, and description.

- Allow uploading item image.

- Display updated menu after submission.

 SPRINT-1

 USER STORY NO: 33 | Tasks: 2 | Priority: HIGH

 AS A RESTAURANT OWNER

 I WANT TO ACCEPT ORDERS

 SO THAT I CAN PREPARE FOOD

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Display incoming orders with customer details and items.

- Provide "Accept" button.

- Notify delivery boy of order acceptance.

 SPRINT-1

 USER STORY NO: 34 | Tasks: 2 | Priority: MEDIUM

 AS A RESTAURANT OWNER

 I WANT TO VIEW CUSTOMER FEEDBACK

 SO THAT I CAN IMPROVE SERVICES

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of feedback with ratings and comments.

- Allow filtering by date or rating.

 SPRINT-1

 USER STORY NO: 35 | Tasks: 2 | Priority: MEDIUM

 AS A RESTAURANT OWNER

 I WANT TO VIEW MY REVENUE REPORT

 SO THAT I CAN TRACK EARNINGS

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display revenue summary for selected date range.

- Show breakdown by order.

- Allow downloading report in Excel.

 SPRINT-1

 USER STORY NO: 36 | Tasks: 2 | Priority: MEDIUM

 AS A RESTAURANT OWNER

 I WANT TO RAISE AN ISSUE

 SO THAT I CAN REPORT PROBLEMS

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Provide form with fields for issue description and order ID.

- Submit issue to regional admin.

- Display issue ID and confirmation.

**Regional Admin-Focused User Stories**

 SPRINT-1

 USER STORY NO: 37 | Tasks: 2 | Priority: HIGHEST

 AS A REGIONAL ADMIN

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN MANAGE MY REGION

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to regional admin dashboard.

 SPRINT-1

 USER STORY NO: 38 | Tasks: 2 | Priority: HIGH

 AS A REGIONAL ADMIN

 I WANT TO VIEW CUSTOMER FEEDBACK

 SO THAT I CAN MONITOR SERVICE QUALITY

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Display feedback list with restaurant name, rating, and comments.

- Allow filtering by restaurant or date.

 SPRINT-1

 USER STORY NO: 39 | Tasks: 3 | Priority: HIGH

 AS A REGIONAL ADMIN

 I WANT TO MANAGE DELIVERY BOYS

 SO THAT I CAN ASSIGN ORDERS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display list of active delivery boys with status.

- Allow assigning orders to delivery boys.

- Notify delivery boy of assignment.

 SPRINT-1

 USER STORY NO: 40 | Tasks: 3 | Priority: HIGH

 AS A REGIONAL ADMIN

 I WANT TO PROCESS REFUNDS

 SO THAT I CAN RESOLVE CUSTOMER ISSUES

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display refund requests with order ID and issue description.

- Provide approve/reject buttons.

- Notify customer and restaurant of refund status.

 SPRINT-1

 USER STORY NO: 41 | Tasks: 3 | Priority: HIGH

 AS A REGIONAL ADMIN

 I WANT TO VIEW REGIONAL REVENUE

 SO THAT I CAN TRACK PERFORMANCE

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display revenue summary for selected date range.

- Show breakdown by restaurant.

- Allow downloading report in Excel.

 SPRINT-1

 USER STORY NO: 42 | Tasks: 2 | Priority: MEDIUM

 AS A REGIONAL ADMIN

 I WANT TO RESOLVE ISSUES

 SO THAT I CAN MAINTAIN SERVICE QUALITY

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of issues with description and stakeholder details.

- Provide field to enter resolution notes.

- Notify stakeholder of resolution.

**Admin-Focused User Stories**

 SPRINT-1

 USER STORY NO: 43 | Tasks: 2 | Priority: HIGHEST

 AS AN ADMIN

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN MANAGE THE PLATFORM

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to admin dashboard.

 SPRINT-1

 USER STORY NO: 44 | Tasks: 2 | Priority: HIGH

 AS AN ADMIN

 I WANT TO APPROVE DELIVERY BOY REGISTRATIONS

 SO THAT I CAN ONBOARD THEM

 BV: 200 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of pending delivery boy registrations.

- Allow verifying details and approving/rejecting.

- Notify delivery boy of status.

 SPRINT-1

 USER STORY NO: 45 | Tasks: 3 | Priority: HIGH

 AS AN ADMIN

 I WANT TO MANAGE REGIONAL ADMINS

 SO THAT I CAN OVERSEE OPERATIONS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display list of regional admins with status.

- Allow adding/editing admin details.

- Notify regional admin of changes.

 SPRINT-1

 USER STORY NO: 46 | Tasks: 3 | Priority: HIGH

 AS AN ADMIN

 I WANT TO VIEW PLATFORM-WIDE REVENUE

 SO THAT I CAN ASSESS PERFORMANCE

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display revenue summary for selected date range.

- Show breakdown by region.

- Allow downloading report in Excel.

 SPRINT-1

 USER STORY NO: 47 | Tasks: 2 | Priority: MEDIUM

 AS AN ADMIN

 I WANT TO RESOLVE ESCALATED ISSUES

 SO THAT I CAN MAINTAIN PLATFORM RELIABILITY

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display list of escalated issues with details.

- Provide field to enter resolution notes.

- Notify stakeholder of resolution.

**Business Owner-Focused User Stories**

 SPRINT-1

 USER STORY NO: 48 | Tasks: 2 | Priority: HIGHEST

 AS A BUSINESS OWNER

 I WANT TO LOG IN TO SCRUM FOODS

 SO THAT I CAN ACCESS REPORTS

 BV: 500 | CP: 02

 ACCEPTANCE CRITERIA

- Display login screen with username and password fields.

- Validate credentials.

- Redirect to business owner dashboard.

 SPRINT-1

 USER STORY NO: 49 | Tasks: 3 | Priority: HIGH

 AS A BUSINESS OWNER

 I WANT TO VIEW PLATFORM-WIDE PERFORMANCE

 SO THAT I CAN MAKE DECISIONS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display performance metrics (e.g., total orders, revenue, customer ratings).

- Allow filtering by region or date.

- Allow downloading report in Excel.

 SPRINT-1

 USER STORY NO: 50 | Tasks: 3 | Priority: HIGH

 AS A BUSINESS OWNER

 I WANT TO UPDATE PAYMENT TERMS FOR RESTAURANTS

 SO THAT I CAN MANAGE PARTNERSHIPS

 BV: 200 | CP: 03

 ACCEPTANCE CRITERIA

- Display list of restaurants with current payment terms.

- Allow editing payment terms.

- Notify restaurant of changes.

 SPRINT-1

 USER STORY NO: 51 | Tasks: 2 | Priority: MEDIUM

 AS A BUSINESS OWNER

 I WANT TO VIEW CUSTOMER RETENTION METRICS

 SO THAT I CAN ASSESS LOYALTY

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Display metrics like repeat orders and customer retention rate.

- Allow filtering by date range.

- Allow downloading report in PDF.

 SPRINT-1

 USER STORY NO: 52 | Tasks: 2 | Priority: MEDIUM

 AS A BUSINESS OWNER

 I WANT TO RAISE AN ISSUE

 SO THAT I CAN REPORT PLATFORM PROBLEMS

 BV: 100 | CP: 02

 ACCEPTANCE CRITERIA

- Provide form with fields for issue description.

- Submit issue to admin.

- Display issue ID and confirmation.

 **3. What is an Epic?**

EPIC is the set of user stories or the big user story consisting the number of small user stories to complete the mile stone known as EPIC.

EPIC can be said as the set of user stories completed to achieve one task.

1.**Resgiatrationas a customer** i want to register in scrum food app so that i can login and place order.

2. **Log in as a customer** i want to login in scrum food so that i can order the food and make payment

**4 –What is the difference between BV and CP**

**Business Value (BV):**

Business Value refers to how important or beneficial a user story or feature is from a business perspective. It is assigned by the Product Owner or stakeholders to help prioritize features that deliver the most value to the customer or business.

This is estimated by Scrum Currency Notes. We provide Rs 1000. Rs 500, Rs 100, Rs 50, Rs 20 and Rs 10 Denominations

**Complexity Points (CP):**

Complexity Points, also called Story Points, indicate the effort or technical complexity required to implement a user story. These are estimated by the Scrum Development Team using tools like Planning Poker.

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

The main difference between the BV and CP is that the BV value is decided or given the client according to the importance or the priority of task to be performed. However, the CP value is identified or given by the development team according to the efforts needed to perform the tasks

After giving Acceptance, BV, CP User stories moved to Product Backlog for Development

**5.What is a Sprint?**

A Sprint is a time-boxed iteration in Agile Scrum, typically lasting 1 to 4 weeks, during which a team works to deliver a potentially shippable product increment. It is a core component of the Scrum framework that enables teams to deliver small, usable parts of the product continuously and iteratively.

What is sprint Duration: 2 Weeks - Your sprint Value \_ Scrum is a sub unit 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**

**Done**

**Sprint Backlog Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **PB** | **Tasks** | **WIP** | **Done** |
| Registration | 3 | 0 | 0 |
| Login | 5 | 0 | 0 |
| search | 2 | 0 | 0 |
| Product CatLog | 1 | 0 | 0 |
| Add restaurants  | 2 | 0 | 0 |
| Make payment | 4 | 0 | 0 |
| Delivery & Tracking  | 2 | 0 | 0 |
| Customer Feed Back | 3 | 0 | 0 |

**6.Explain Product backlog and sprint back log?**

The **Product Backlog** is a centralized, prioritized list of all the features, enhancements, bug fixes, and technical tasks required to build and improve a product. It is maintained by the Product Owner.

**Example**

| **ID** | **User Story** | **BV** | **CP** |
| --- | --- | --- | --- |
| 1 | As a customer, I want to register | 500 | 2 |
| 2 | As a restaurant owner, I want to view orders | 500 | 2 |
| 3 | As a customer, I want to add food to cart | 200 | 3 |

**Sprint Backlog**

The Sprint Backlog is a subset of the Product Backlog. It includes all the items the team commits to completing during a specific Sprint. It also breaks down each user story into smaller task

**Relation Between Product Backlog & Sprint Backlog:**

* Product Backlog: All desired features
* Sprint Backlog: What we’re doing now

**Visual Example:**

* Product Backlog → [Filter by priority → Select →] → Sprint Backlog → Tasks → WIP → Done

**7.What is an Impediments Log?**

An Impediments Log is a tracking document used in Agile-Scrum to record all obstacles, blockers, or issues that hinder the progress of the Scrum Team during a Sprint.

These impediments could be technical, organizational, resource-related, or external dependencies that affect sprint delivery.

**Examples**

* Lack of access to tools or environments
* Unclear requirements
* Delays in stakeholder feedback
* Technical challenges
* Unavailable team members

**What is Velocity of the Team?**

Velocity is a metric used in Agile-Scrum to measure the amount of work a Scrum Team completes in a Sprint, usually expressed in Complexity Points (CP) or Story Points.

**How is it Calculated?**

Velocity= Total CP

For example, if the team completes 5 user stories worth 2, 3, 5, 8, and 3 points respectively, the **velocity = 21 points**.

**Sprint Burn Down Chart**

**Product Burn Down Chart**

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**10 – Explain about Product Grooming**

Product grooming is processes of planning the project and understanding the needs.

Product Grooming is the session in which the vision or goal of the project or product is discussed and who will be your target group in which market segment does the product address. What are the needs and solution doing the product required. Also, what benefits the client will get.

**11 – Explain the roles of Scrum Master and Product Owner**

**Scrum Master:**

Think of the Scrum Master as a coach for the team. They make sure the team follows the Scrum rules and helps them work well together. Their job is to:

* Organize meetings (like daily check-ins and reviews).
* Solve any problems that get in the way of the team’s work.
* Help the team improve how they work.
* Protect the team from distractions.

**Product Owner:**

The Product Owner is like the "voice of the customer" and the person who decides what the team should work on. Their job is to:

* Make a list of what the product should include (called the product backlog).
* Prioritize the items in that list, deciding what’s most important.
* Talk to customers and other people to understand what’s needed.
* Make sure the team builds the right things that bring the most value.

**The Difference:**

* **Scrum Master** helps the team work well and follow Scrum.
* **Product Owner** decides what the team should build.

Together, they help the team deliver great products!

**12 – Explain all Meetings Conducted in Scrum Project**

1. Sprint Planning Meeting

* Purpose: This meeting happens at the beginning of each sprint to decide what work the team will focus on.
* Who is Involved: Scrum Master, Product Owner, and the Development Team.
* What Happens:
	+ The Product Owner explains the top priority items from the product backlog (features or tasks).
	+ The team discusses and selects which items they can complete during the upcoming sprint.
	+ The Development Team estimates how much work they can realistically handle.

2. Daily Scrum (Daily Stand-up)

* Purpose: A short daily meeting to check in on the team’s progress and identify any obstacles.
* Who is Involved: Scrum Master, Product Owner (optional), and the Development Team.
* What Happens:
	+ Each team member answers three questions:
		1. What did I do yesterday?
		2. What will I do today?
		3. Are there any blockers or issues preventing progress?
	+ This meeting is quick (usually 15 minutes) and helps the team stay aligned and focused.

3. Sprint Review

* Purpose: To review the work completed during the sprint and see if the goals were met.
* Who is Involved: Scrum Master, Product Owner, Development Team, and Stakeholders.
* What Happens:
	+ The Development Team demonstrates the completed work (new features, updates, etc.).
	+ The Product Owner discusses whether the work meets the sprint goals.
	+ Stakeholders provide feedback and discuss any changes or new priorities.

4. Sprint Retrospective

* Purpose: To reflect on the sprint and find ways to improve.
* Who is Involved: Scrum Master, Product Owner, and Development Team.
* What Happens:
	+ The team discusses what went well, what didn’t, and what could be improved.
	+ The Scrum Master helps facilitate the discussion and ensures that action items for improvement are created.
	+ The goal is to improve the team’s process and make the next sprint more efficient.

5. Backlog Refinement (Grooming)

* Purpose: To ensure the product backlog is well-organized and up-to-date for future sprints.
* Who is Involved: Product Owner and Development Team (Scrum Master can help facilitate).
* What Happens:
	+ The Product Owner presents upcoming backlog items, and the team discusses them.
	+ The team may help clarify requirements, break down large tasks into smaller ones, or re-prioritize items.
	+ This meeting is often not as formal and can happen as needed, but it ensures that the backlog is ready for Sprint Planning.

Summary of All Scrum Meetings:

1. Sprint Planning: Plan the work for the sprint.
2. Daily Scrum: Daily check-in on progress.
3. Sprint Review: Review the completed work.
4. Sprint Retrospective: Reflect and improve the process.
5. Backlog Refinement: Keep the product backlog organized.

These meetings help the Scrum team stay aligned, improve continuously, and deliver valuable results!

**13.Explain Sprint Size and Scrum Size**

**Sprint Size:**

* Sprint Size refers to the duration or length of a sprint. In Scrum, a sprint is a fixed period during which the team works to complete a set of tasks (often called the "Sprint Goal").
* The standard length for a sprint is typically 2 to 4 weeks, but it can be shorter or longer depending on the team's needs. The important part is that the length remains consistent across all sprints to help with planning and predictability.

**Scrum Team Size: 10**

Scrum Team Size refers to the number of people involved in the Scrum team. A Scrum team typically consists of three key roles:

1. Development Team: The group of professionals who work on the tasks to create the product (developers, designers, testers, etc.). 8 Members
2. Product Owner: The person responsible for defining what needs to be built and managing the product backlog. 1 member
3. Scrum Master: The person who facilitates Scrum processes and helps remove any obstacles the team might face. 1 member

**14. Explain DOR and DOD**

**DOR** is a checklist or set of criteria that must be met before a user story or backlog item can be picked up and worked on in a sprint.

It ensures that the item is well-prepared, clear, and has enough detail for the team to begin working on it effectively.

 **DoD** is a set of criteria that defines when a product backlog item (user story, task, or feature) is considered complete.

It ensures that the work meets the required standards of quality and is ready for release or to be integrated into the product.

**15.Prioritization Techniques in Scrum**

In Scrum, **prioritization** helps the team decide what work to focus on first, ensuring that they deliver the most valuable features or tasks in the shortest possible time. There are several techniques to prioritize work, and here are some of the most commonly used ones:

**1. MoSCoW Method**

The MoSCoW method helps prioritize features based on importance. It categorizes tasks into 4 groups:

* **Must Have**: These are critical items that must be included in the current release.
* **Should Have**: Important features, but not absolutely essential for the current release.
* **Could Have**: Nice-to-have features that would improve the product but are not essential.
* **Won’t Have**: Items that are agreed to be out of scope for the current release.

**100-Point Method**

* In the 100-Point Method, stakeholders are given 100 points (or another set number of points) to distribute across different features or tasks based on their perceived importance. The more points assigned to a feature, the higher its priority. The items with the most points become the highest priority.
* This method is a democratic way to involve stakeholders in deciding which features should be prioritized

**Value vs. Complexity Matrix**

This technique uses a simple matrix to categorize features based on their value to the customer and the **complexity** of delivering them.

* High Value, Low Complexity: Prioritize these features as they are easy to deliver and offer the most value.
* High Value, High Complexity: These should be tackled carefully, potentially broken down into smaller, more manageable pieces.
* Low Value, Low Complexity: These can be considered for low-priority tasks.
* Low Value, High Complexity: These are often the lowest priority since they are complex and offer limited value.

**MVP (Minimum Viable Product)**

MVP stands for Minimum Viable Product. It's the simplest version of a product that allows you to launch with the core features needed to meet the essential needs of users and get feedback. The MVP strategy helps teams deliver quickly while validating ideas in the real market before investing in additional features.

Key Characteristics of an MVP:

1. Core Functionality: Focuses on the essential features that solve the main problem for users.
2. Early Feedback: The goal is to gather feedback from real users to validate assumptions about the product and its value.
3. Speed to Market: Aimed at getting the product into users’ hands as quickly as possible to learn from their usage.
4. Lean Development: Avoids adding non-essential features, focusing only on the most critical parts of the product.

Why is MVP Important?

* Validation: An MVP allows you to test whether the product idea actually meets user needs without spending a lot of time or resources.
* Iterative Improvement: Based on feedback, you can prioritize which features to add or improve next, ensuring you're building what users truly want.
* Resource Efficiency: It saves time and money by ensuring you're working on the right features before fully developing the product.

**16. Difference between Business Analyst and Product Owner**

**Product Owner**

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 followed by an enterprise SWOT analysis to come up with the product vision

The PO also works on the go-to-market strategy for the product. The PO tries to leverage their experience in the domain, need of the market, the industry or the domain, the organization's market position, and the customer expectation of the product

**Business Analyst (BA):**

Focuses on understanding business needs, gathering requirements, and ensuring that the project delivers value to the business.

Primarily works with stakeholders (such as customers, business users, and other departments) to understand their needs and translate them into clear requirements.

Works across multiple teams or projects, helping bridge the gap between the business side and technical teams.

**Responsibilities:**

* Business Analyst (BA):
	+ Gathering Requirements: Collects detailed business requirements from stakeholders and translates them into technical specifications or user stories for the team.
	+ Process Modeling: Helps document business processes, workflows, and how the system should operate.
	+ Stakeholder Management: Ensures that business stakeholders' needs are understood and met by working as a liaison between business and technical teams.
	+ Support to PO: Often provides support to the Product Owner in refining backlog items, writing user stories, and clarifying requirements.
* Product Owner (PO):
	+ Product Backlog Management: Owns the product backlog, writes and prioritizes user stories, and ensures that the backlog is in good shape for each sprint.
	+ Decision Maker: Makes final decisions on what features and functionalities are developed and prioritizes them according to business value.
	+ Visionary: Defines the product vision and ensures the team is working towards it, aligning the product with business objectives.
	+ Stakeholder Engagement: Regularly communicates with stakeholders and ensures the product meets their needs and expectations.

**17.Prepare a sample Resume of 3yrs exp Product Owner**

**Nallamothu Harish**

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**Summary**

Highly motivated and experienced Product Owner with 3 years of experience in the Online application domain. Proven ability to drive product vision, prioritize features, and collaborate with cross-functional teams to deliver high-quality products that meet customer needs and business objectives.

**Experience**

Product Owner | Scrum Foods | 01-04-2024 - Current

* Defined and communicated the product vision, roadmap, and sprint goals to the Scrum team and stakeholders.
* Managed the product backlog, prioritized user stories, and ensured alignment with business value and customer needs.
* Collaborated with the Scrum team to plan and execute sprints, ensuring timely delivery of product increments.
* Conducted user research, analyzed data, and gathered feedback to inform product decisions and identify opportunities for improvement.
* Worked closely with stakeholders, including business owners, developers, and designers, to ensure product success.
* Participated in Scrum events, including sprint planning, daily scrums, sprint reviews, and sprint retrospectives.

**Education**

MBA – Business Analytics – ICBM - SBE College - 2023

**Skills**

* Product Vision & Strategy
* Product Backlog Management
* User Story Prioritization
* Sprint Planning & Execution
* Stakeholder Management
* User Research & Analysis
* Agile Methodologies (Scrum)
* Communication & Collaboration
* Problem-Solving & Decision-Making

**Projects**

**Customer Engagement Platform (2023)** :- Developed a customer engagement platform from concept to launch, working with cross-functional teams to identify user needs and create a roadmap that improved user engagement by 25%.

**Internal Task Management Tool (2022)**:- Managed the development of an internal task management tool that streamlined workflows across teams, resulting in a 30% increase in overall productivity.

**Certifications:**

* Certified Scrum Product Owner (CSPO) – Scrum Alliance, 2021
* Agile Product Management – LinkedIn Learning, 2022
* Google Analytics Certification – Google, 2021

**Languages:**

* English
* Telugu