

Restaurant Management System

Agile Scrum Project

Q1) Make a product backlog of user stories for the given case study. User Stories should be in the format of As a <type of user>, I want <goal> so that <reason>

Ans) The product backlog of user stories for the given case study is listed below. These are some examples of **User stories** of Restaurant Management System which are in product backlog:

- a) As a user I want starters to be added in a Menu Page
- b) As a user I want soups to be added in the Menu Page
- c) As a user I want Main Course to be added in Menu Page
- d) As a user I want Desserts to be added in the Main Page
- e) As a user I want drinks to be added in the Menu Page
- f) As a user I want to see the Search Bar Navigation
- g) As a user I want that View Bill option should be there in the UI of Restaurant Management System
- h) As a user I want that Table reservations would be done by Managers only
- i) As a user I want that the Management would be able to view the reports at the end of the day
- j) As a user I want that there has to be one payment gateway on the system
- k) As a user I want that automated system must generate the Bill
- l) As a user I want that Feedback form has to given to every customers of Grill House

These are some examples of **Epics** of Restaurant Management System. The epics examples are listed below:

- a) **Menu Page**-This epic represents the Menu Page of the Restaurant Management System of Grill House
- b) **Bill Generation**-This epic represents the Bill Generation of Automated Restaurant Management System
- c) **Table Generation**-This epic represents the table reservations
- d) **Reports Generation**-This epic represents the reports generation
- e) **Feedback Form**-This epic represents the feedback form

Here are the screenshots of the Product backlog items in Jira

New Tab x Self learning x Restaurant Management System x +

← → ↻ simplilearns.atlassian.net/jira/software/projects/RMS/boards/3/backlog ⋮

Jira Software Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Apps ▾ Create

Restaurant Management System
Software project

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Projects / Restaurant Management System

Backlog

Epic ▾ Insights

▼ Backlog (12 issues) 0 0 0 [Create sprint](#)

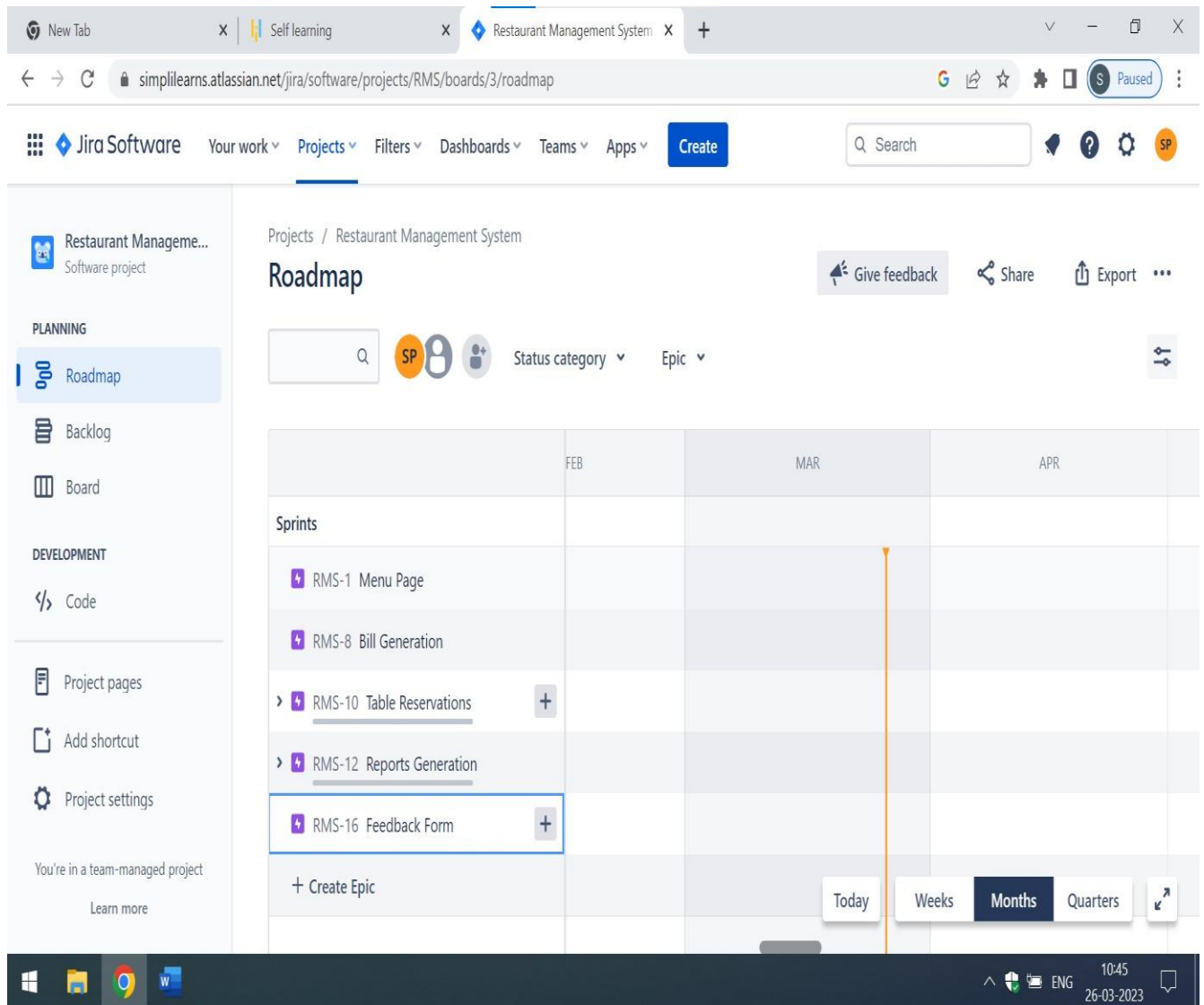
RMS-2 As a user I want starters to be added in a Menu Page	TO DO ▾
RMS-3 As a user I want soups to be added in the Menu Page	TO DO ▾
RMS-4 As a user I want Main Course to be added in Menu Page	TO DO ▾
RMS-5 As a user I want Desserts to be added in the Main Page	TO DO ▾
RMS-6 As a user I want drinks to be added in the Menu Page	TO DO ▾
RMS-7 As a user I want to see the Search Bar Navigation	TO DO ▾
RMS-9 As a user I want that View Bill option should be there in the UI of Restaurant Management System	TO DO ▾
RMS-11 As a user I want that Table reservations would be done by Managers only	TO DO ▾

Windows 10:46
26-03-2023

The screenshot shows the Jira Software interface for a project named "Restaurant Management System". The browser address bar indicates the URL: `simplilearns.atlassian.net/jira/software/projects/RMS/boards/3/backlog`. The Jira header includes navigation links like "Your work", "Projects", "Filters", "Dashboards", "Teams", and "Apps", along with a search bar and a "Create" button. The left sidebar shows the project name "Restaurant Management System" and a navigation menu with sections "PLANNING" (containing "Roadmap" and "Backlog") and "DEVELOPMENT" (containing "Code"). The main area is titled "Backlog" and displays a list of issues. Each issue is represented by a green icon, a key (RMS-5 to RMS-17), a description, and a "TO DO" status with a dropdown arrow. Some issues have additional labels: "REPORTS GENERATION" for RMS-13 and "TABLE RESERVATIONS" for RMS-14. A "Create issue" button is at the bottom of the list. The Windows taskbar at the bottom shows the time as 10:47 on 26-03-2023.

Issue Key	Description	Status	Labels
RMS-5	As a user I want Desserts to be added in the Main Page	TO DO	
RMS-6	As a user I want drinks to be added in the Menu Page	TO DO	
RMS-7	As a user I want to see the Search Bar Navigation	TO DO	
RMS-9	As a user I want that View Bill option should be there in the UI of Restaurant Management System	TO DO	
RMS-11	As a user I want that Table reservations would be done by Managers only	TO DO	
RMS-13	As a user I want that the Management would be able to view the reports at the en...	TO DO	REPORTS GENERATION
RMS-14	As a user I want that there has to be one payment gateway on the system	TO DO	TABLE RESERVATIONS
RMS-15	As a user I want that automated system must generate the Bill	TO DO	
RMS-17	As a user I want that Feedback form has to given to every customers of Grill House	TO DO	

Here are the screenshots of Epics of Restaurant Management System in Jira



Q2) For each story write the acceptance criteria

Ans) These are the **Acceptance criteria of Menu page**

1. The starters must contains the Pasta, Sticky Baked Chicken Wings and Carmelized Onion Dips in the menu along with the prices in dollar notation
2. User can select multiple or single starter while placing the order
3. User/Customers must be able to edit the orders of starters before placing it

These are the **Acceptance criteria of Bill Generation Page**

1. There should be one drop down of bill generation in view bills which is accessible to Waiters of Grill House USA only
2. The bill must contains the customer information such as Name, Location, Mode of Payment and Address in a tabular format
3. Every bill shall be tagged to the waiter generating it and the table number

4. The automated restaurant Management must generate the bills for each customers in a tabular format
5. The bill should also contains the information such as Name, [S.no](#), Location and Purchase items in a tabular format
6. The bill must also have the signature of customers

These are the **Acceptance Criteria of Table Reservation Page**

1. The Managers would be able to select minimum 1 Guests and Maximum 15 Guests for table reservations
2. Their must be a specific time slots from 11:00 A.M to 11:00 PM given to managers for table reservations from customers
3. The waiters shall look into the software to determine which tables need to be reserved
4. There has to be one payment gateway in automated Restaurant Management for accepting the payments through cash or cards by the customers of Grill House

These are the **Acceptance Criteria of Reports Generation Page**

The report must has individual columns of

- Total sales of the day by dine in customers
- Total sales of the day by home delivery customers
- Total sales of the day (home delivery and dine in customers consolidated)
- The top 10 most sold dishes for the day
- Date wise view of Total Sales in every weekend
- Date wise view of Total Sales in every month
- List of dishes which are not sold in current month
- Total sales across all cities
- Total sales for each city

Here,I am attaching the screenshots of the **Acceptance criteria of Individual User Stories**

Browser tabs: New Tab, Self learning, Restaurant Management System, [RMS-2] As a user I want starters...

URL: simplilearns.atlassian.net/browse/RMS-2

Jira Software | Your work | Projects | Filters | Dashboards | Teams | Apps | Create

Search:

Projects / Restaurant Management System / Add epic / RMS-2

As a user I want starters to be added in a Menu Page

Attach Add a child issue Link issue ...

Description
Acceptance Criteria:

1. The starters must contains the Pasta, Sticky Baked Chicken Wings and Carmelized Onion Dips in the menu along with the prices in dollar notation
2. User can select multiple or single starter while placing the order
3. User/Customers must be able to edit the orders of starters before placing it

Linked issues
 relates to

RMS-1 Menu Page

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned Assign to me
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 12:31 PM
 Updated March 25, 2023 at 12:41 PM

Configure

Browser tabs: New Tab, Self learning, Restaurant Management System, [RMS-9] As a user I want that View...

URL: simplilearns.atlassian.net/browse/RMS-9

Jira Software | Your work | Projects | Filters | Dashboards | Teams | Apps | Create

Search:

Projects / Restaurant Management System / Add epic / RMS-9

As a user I want that View Bill option should be there in the UI of Restaurant Management System

Attach Add a child issue Link issue ...

Description
Acceptance Criteria:

1. There should be one drop down of bill generation in view bills which is accessible to Waiters of Grill House USA only
2. The bill must contains the customer information such as Name, Location, Mode of Payment and Address in a tabular format
3. Every bill shall be tagged to the waiter generating it and the table number

Linked issues
 relates to

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned Assign to me
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 1:49 PM
 Updated March 25, 2023 at 1:51 PM

Configure

Restaurant Management System

As a user I want that automated system must generate the Bill

Acceptance Criteria:

1. The automated restaurant Management must generate the bills for each customers in a tabular format
2. The bill should also contains the information such as Name,\$,no,Location and Purchase items in a tabular format
3. The bill must also have the signature of customers

Linked issues

Add a comment...

Pro tip: press **M** to comment

Details

Assignee: Unassigned
Labels: None
Sprint: None
Story point estimate: None
Reporter: Shivani Priya

Created March 25, 2023 at 3:40 PM
Updated March 25, 2023 at 3:41 PM

Restaurant Management System

As a user I want soups to be added in the Menu Page

Acceptance Criteria:

1. The soups in menu page must contains the 15 Bean Soup,Cream of Tomato Soup and Mushroom Soup as options along with the prices in dollar notations
2. Users must be able to select single or multiple soup items
3. User should be able to edit the soup type prior or before placing the order

Linked issues

Add a comment...

Pro tip: press **M** to comment

Details

Assignee: Unassigned
Labels: None
Sprint: None
Story point estimate: None
Reporter: Shivani Priya

Created March 25, 2023 at 12:40 PM
Updated March 25, 2023 at 12:41 PM

Browser tabs: New Tab, Self learning, Restaurant Management System, [RMS-4] As a user I want Main Course to be added in Menu Page. URL: simplilearns.atlassian.net/browse/RMS-4

Jira Software | Your work | **Projects** | Filters | Dashboards | Teams | Apps | **Create**

Restaurant Managemen... Software project

PLANNING

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DEVELOPMENT

- Code

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Projects / Restaurant Managemen... / Add epic / RMS-4

As a user I want Main Course to be added in Menu Page

Attach Add a child issue Link issue ...

Description

Acceptance Criteria

1. The Main course must contains the items ie Green Thai Curry,Chawli Beans and Mint Burger as well as Paneer Nuggets and Butter Rice along with the prices in dollars
2. User should be able to edit or delete the items in Main Course prior to checkout
3. Customers must be able to select single or multiple main course items

Linked issues

relates to

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 1:08 PM
Updated March 25, 2023 at 1:10 PM

[Configure](#)

Windows taskbar: 11:21 26-03-2023

Browser tabs: New Tab, Self learning, Restaurant Management System, [RMS-5] As a user I want Dessert to be added in the Main Page. URL: simplilearns.atlassian.net/browse/RMS-5

Jira Software | Your work | **Projects** | Filters | Dashboards | Teams | Apps | **Create**

Restaurant Managemen... Software project

PLANNING

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- Backlog
- Board

DEVELOPMENT

- Code

Project pages

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Projects / Restaurant Managemen... / Add epic / RMS-5

As a user I want Desserts to be added in the Main Page

Attach Add a child issue Link issue ...

Description

Acceptance Criteria

1. The Desserts must contains the options such as Cheese Cakes,Cup Cakes and Chocolate Chip Cookies along with the prices in dollar notation
2. User should be able to edit or delete the desserts items before placing the order or checkout
3. User or customers must be able to select single or multiple desserts

Linked issues

relates to

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 1:18 PM
Updated March 25, 2023 at 1:18 PM

[Configure](#)

Windows taskbar: 11:22 26-03-2023

The screenshot shows the Jira Software interface for a project named 'Restaurant Management System'. The issue title is 'As a user I want drinks to be added in the Menu Page' (RMS-6). The issue is a Story (SP) and is currently assigned to 'Unassigned'. The description includes acceptance criteria for drink classification and user interaction. The right sidebar shows details like assignee, labels, sprint, story point estimate, and reporter (Shivani Priya). The bottom status bar shows the date and time as 11:22 on 26-03-2023.

Projects / Restaurant Management System / Add epic / RMS-6

As a user I want drinks to be added in the Menu Page

Attach Add a child issue Link issue ...

Description

Acceptance Criteria:

1. The drinks must be classified as Coca Cola, Fanta and Reeds Beer along with the prices in dollar notation. For example: Price of Fanta: 10 \$
2. User should be able to select single or multiple drinks in the Menu Page
3. Customers or Users should be able to edit or delete drinks before placing the order or prior to checkout

Linked issues

relates to

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 1:23 PM
Updated March 25, 2023 at 1:24 PM

Configure

The screenshot shows the Jira Software interface for the same project. The issue title is 'As a user I want to see the Search Bar Navigation' (RMS-7). The issue is a Story (SP) and is currently assigned to 'Unassigned'. The description includes acceptance criteria for search bar functionality. The right sidebar shows details like assignee, labels, sprint, story point estimate, and reporter (Shivani Priya). The bottom status bar shows the date and time as 11:23 on 26-03-2023.

Projects / Restaurant Management System / Add epic / RMS-7

As a user I want to see the Search Bar Navigation

Attach Add a child issue Link issue ...

Description

Acceptance Criteria:

1. As a user I want search Bar Facility must be assigned to both Managers and Waiters of Grill House USA
2. When the user types the food items in the search bar, a detailed list of saved food items must be visible to user as the suggested results
3. Managers and Waiters must be able to select single or multiple food items in search bar drop down

Linked issues

relates to

SP Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee	Unassigned
Labels	None
Sprint	None
Story point estimate	None
Reporter	SP Shivani Priya

Created March 25, 2023 at 1:34 PM
Updated March 25, 2023 at 1:36 PM

Configure

Restaurant Management System

As a user I want that the Management would be able to view the reports at the end of the day

Acceptance Criteria:

- The report must has individual columns of
- Total sales of the day by dine in customers
- Total sales of the day by home delivery customers
- Total sales of the day (home delivery and dine in customers consolidated)
- The top 10 most sold dishes for the day
- Date wise view of Total Sales in every weekend
- Date wise view of Total Sales in every month

Created March 25, 2023 at 3:01 PM
Updated March 25, 2023 at 3:08 PM

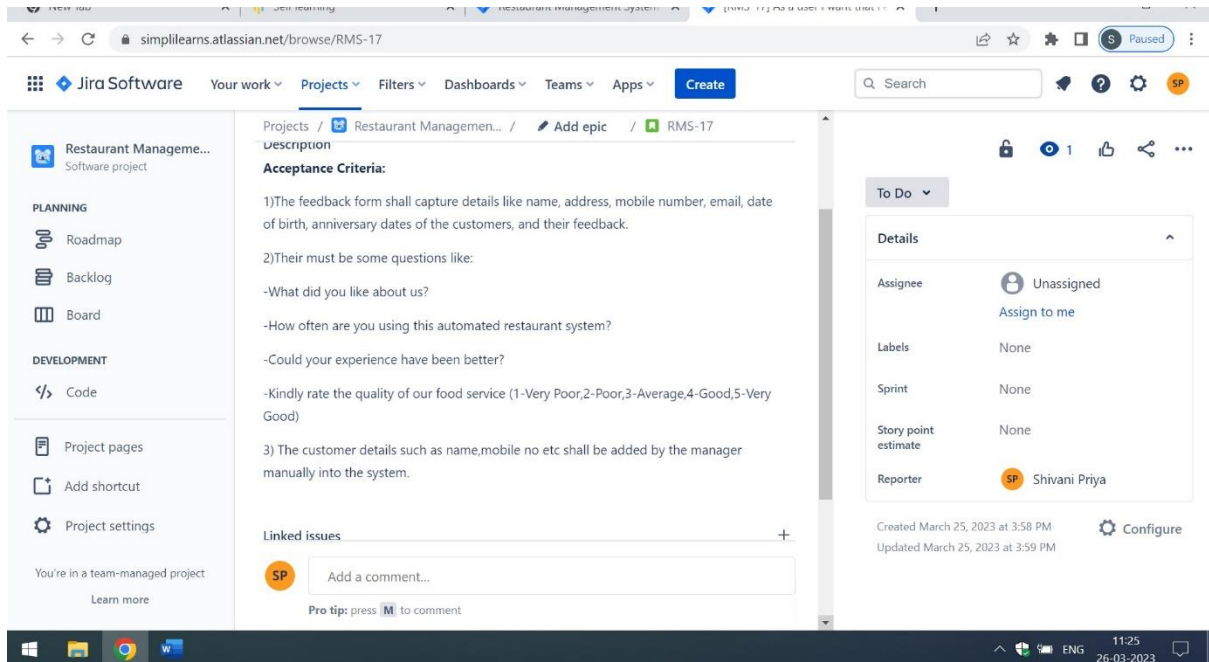
Restaurant Management System

every customers or staff needs

Acceptance Criteria:

- 1)The feedback form shall capture details like name, address, mobile number, email, date of birth, anniversary dates of the customers, and their feedback.
- 2)Their must be some questions like:
 - What did you like about us?
 - How often are you using this automated restaurant system?
 - Could your experience have been better?
 - Kindly rate the quality of our food service (1-Very Poor,2-Poor,3-Average,4-Good,5-Very Good)
- 3) The customer details such as name,mobile no etc shall be added by the manager

Created March 25, 2023 at 3:58 PM
Updated March 25, 2023 at 3:59 PM



For detailed information of Restaurant Management Project System in JIRA. Kindly click on the below mentioned links:

- 1) <https://simplilearns.atlassian.net/jira/projects>

Click on Restaurant Management System

- 2) <https://simplilearns.atlassian.net/jira/software/projects/RMS/boards/3/roadmap>

(For Viewing the Epics in Jira)

- 3) <https://simplilearns.atlassian.net/jira/software/projects/RMS/boards/3/backlog>

(For Viewing the Backlogs in JIRA)