REVISION HISTORY

Date	Version	Description	Author
09.03.2025	0.1	Document overview and references have been organized in Section 1.1 and 1.2. The hardware and software configurations of the setup have been added to Section 2.1 and 2.2	Elifnur Boncuk
09.03.2025	0.2	The hardware and software configurations of the setup have been remade in Section 2.1 and 2.2 Other test preparations and safety, security and privacy precautions have been added to Section 2.3 and 2.4	Mert Turan, Tahsin Karcı
09.03.2025	0.3	Tests T-SRS-REQ-001, T-SRS-REQ-002, T-SRS-REQ-002.1, T-SRS-REQ-003, T-SRS-REQ-004.1, T-SRS-REQ-005, T-SRS-REQ-005.1, T-SRS-REQ-008 in Section 3 have been added.	İris Akdemir, İrem Akova
09.03.2025	0.4	Tests in Section 3 are grouped and sorted in chronological order. Tests T-SRS-REQ-007, T-SRS-REQ-004 and T-SRS-REQ-006 have been added.	Emre Tekin
09.03.2025	1.0	The last touch has been done in the document.	Tahsin Karcı
16.03.2025	1.1	Tests are updated according to the updated user/system requirements. Tests are reordered in the ascending order of test IDs.	Emre Tekin
17.03.2025	1.2	Tests are updated according to the updated user/system requirements.	Mert Turan
17.03.2025	1.3	Some test steps are updated for clearer explanation.	Tahsin Karcı
17.03.2025	2.0	The last touch has been done in the document.	Mert Turan

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1 Introduction

1.1 Document overview

This document is the software test plan of the XXX software development project. It contains the description of tests.

1.2 References

#	Document Identifier	Document Title
[SRS]	RMS-SRS-v1.0	RMS Software Requirements Specifications
[SDP]	RMS-SDP-v2.0	RMS Software Development Plan

1.3 Conventions

Each test case will be presented in a table format as shown below:

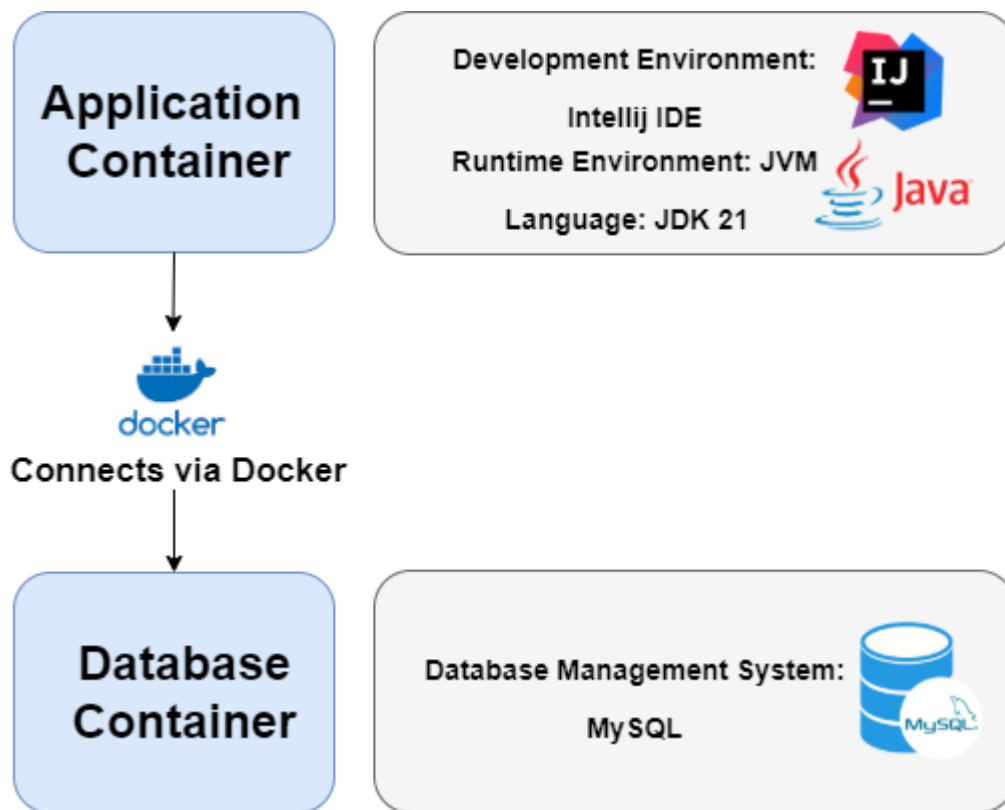| **Test ID**	<ID of the test>	
Test description	<A brief description of the test>	
Verified Requirement	<ID numbers of requirements that are to be verified with this test.>	Verification method: <I,A,D,T>
Initial conditions	<The state of software before test>	
Tests inputs	<Input data from any test tool, input files name and location, if any >	
Data collection actions	<Recording and post processing of output data, if any >	
Tests outputs	<Output data files, if any>	
Assumptions and constraints	If any, may be limited access to a tool, license …	
Expected results and criteria	<list of expected results>	<special criteria to be met by the result, if any>
Test procedure		
Step number	**Operator actions**	**Expected result and evaluation criteria**
1	<actions listed row by row>	<expectation after each action if any>
2	…	…

2   Tests preparations

This section contains tasks and recommendations before executing tests.

2.1   Hardware preparation

The hardware setup for the development of the RMS project; laptops with Windows 10, Windows 11 and Mac operating systems are used.

2.2   Software preparation

The software setup for the development of the RMS project uses configuration operations and database management with Docker.

2.3   Other test preparation

Ensure all necessary documentation is available for testing purposes.
Conduct a review of the project requirements to ensure all aspects are covered before testing begins.

2.4   Safety, security and privacy precautions

Since it is a restaurant management system where you reserve tables beforehand using your personal information, data privacy is important. Precautions will be taken to ensure that personal information can't be accessed by unauthorized people.

3 Tests descriptions

3.1 Table Reservation & Login Tests

Test ID	T-SRS-REQ-001	
Test desc.	User login test.	
Verif. Req.	SRS-RMS-001, SRS-RMS-001.1	Demonstration
Init. Cond.	RMS software is on the login page.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Successful login operations.	See last step for criteria.
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Entering userID.	Numbers are written.
2	Entering existing ID and clicking the enter button.	Successfully logged in.
3	Entering nonexistent ID and clicking the enter button.	Failed login and warning message is displayed.

Test ID	T-SRS-REQ-002	
Test desc.	Verify that the user can see the list of tables.	
Verif. Req.	SRS-RMS-002, SRS-RMS-002.1	Demonstration
Init. Cond.	RMS software is open and the customer is logged in.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Successfully viewing the tables.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Login as a customer.	Successfully logged in.
2	Clicking the view tables button.	Tables are listed with their features.

Test ID	**T-SRS-REQ-003**	
Test desc.	Customer reservation test	
Verif. Req.	SRS-RMS-003, SRS-RMS-003.1	Demonstration
Init. Cond.	RMS software is open and the customer is logged in and the view tables page is open.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Reservation is made depending on the availability of the table.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Clicking the view tables button.	Tables are listed with capacity and availability details.
2	Selecting an available table and clicking the reserve button.	The table is successfully reserved and a confirmation message is displayed.
3	Selecting an unavailable table and clicking the reserve button.	The table is not reserved and a warning message is displayed.

Test ID	**T-SRS-REQ-004**	
Test desc.	Verify that the customer can get their reserved table's location and other information ahead of reservation date & time.	
Verif. Req.	SRS-RMS-004, SRS-RMS-004.1	Demonstration
Init. Cond.	RMS software is open and the customer is logged in & in the notifications section.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Successfully viewing the reserved table's location and other information.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Clicking on the "view notifications" button.	Notifications for the upcoming reservations are listed.
2	Clicking on the notification about one of the upcoming reservations.	Reserved table's location and other information is shown to the customer.

3.2 Menu & Order Tests

Test ID	**T-SRS-REQ-005**	
Test desc.	Verify that the customer can see the menu.	
Verif. Req.	SRS-RMS-005, SRS-RMS-005.1	Demonstration
Init. Cond.	RMS software is open and the customer is logged in.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Successfully viewing the menu.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Login as a customer.	Successfully logged in.
2	Clicking the view menu button.	Menu page opens.

Test ID	**T-SRS-REQ-006**	
Test desc.	Verify that the customer can order a meal that is available on the menu.	
Verif. Req.	SRS-RMS-006	Demonstration
Init. Cond.	RMS software is open and the customer is logged in and in the "view menu" section.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	A meal is chosen by the customer and a notification is sent to the waiter & supervisor.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Clicking on the desired meal on the menu.	Desired meal and its features are shown to the customer.
2	Clicking on the "buy this meal" button.	A notification is sent to the waiter & supervisor.

Test ID	**T-SRS-REQ-007**	
Test desc.	Verify that the waiter and supervisor can view orders.	
Verif. Req.	SRS-RMS-007, SRS-RMS-007.1	Demonstration
Init. Cond.	RMS software is open and the waiter is logged in and in the main menu.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	

Expected results and criteria	Current status of orders are listed.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Login as a customer.	Successfully logged in.
2	Make a reservation.	Desired reservation has been made.
3	Login as a supervisor and waiter.	Successfully logged in.
4	Clicking on the "view notifications" button.	Notifications for the upcoming orders are listed.
5	Clicking the view orders button.	Orders are listed with current status.

3.3 Post Service Tests

Test ID	T-SRS-REQ-008	
Test desc.	Verifying that the customer can pay for the meal successfully	
Verif. Req.	SRS-RMS-008, SRS-RMS-008.1	Demonstration
Init. Cond.	RMS software is open and the customer is logged in and on the payment menu.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Money equal to the total payment amount has been received.	
Test procedure		
Step number	**Operator actions**	**Expected result and eval crit**
1	Clicking the "view unpaid payments" button.	Payments that need to be paid are listed correctly.
2	Clicking the "pay" button and entering the necessary credit card information.	The system receives the correct amount of money.

Test ID	T-SRS-REQ-009	
Test desc.	Verify that the supervisor can close the order.	
Verif. Req.	SRS-RMS-009, SRS-RMS-009.1	Demonstration
Init. Cond.	RMS software is open and the supervisor is logged in and in the main menu.	
Tests inputs	N/A	
Data collection	N/A	
Tests outputs	N/A	
Assum & constr	N/A	
Expected results and criteria	Order is closed if the payment has been paid.	
Test procedure		

Step number	Operator actions	Expected result and eval crit
1	Clicking the view reservations button.	Reservations are listed with a total payment amount.
2	Closing the order after the payment has been paid by the customer.	The order has been successfully closed and a confirmation message is displayed.
3	Closing the order before the payment has been paid.	A warning message will appear and closing the order is not allowed.