

Test Report

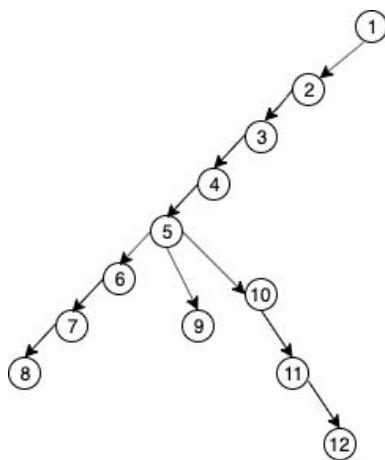
- Work done in this iteration:
 1. Derived [test cases](#) from use cases
 - a. Identified decision points in each use case
 - b. Created a decision trees for each use case
 - c. Created a test case for each path
 2. Fixed the found defects:
 - a. Restricted reservations for past dates
 - b. Fixed bug with repeated error message
 - c. Added button “Report violation”
 3. [Documented the final solution](#) for the product owner
- [Use cases with annotated decision points](#)
- [Test cases with execution results](#)
 - [Create reservation](#)
 - [Cancel reservation](#)
 - [View reservation](#)
 - [Test case values](#)
- [Test case matrices](#)
- [Interaction test cases matrices](#)

Test cases with execution results

Use Case: [Create reservation](#)

Test : [Create reservation](#)

Decision tree



- ① User selects "create reservation option"
- ② bot presents user with current and next month
- ③ User selects the month he/she wants
- ④ Bot presents list of available days in selected month
- ⑤ User selects preferred day
- ⑥ Bot presents list of hours within selected day
- ⑦ User selects preferred hour
- ⑧ Bot confirms and successively creates reservation
- ⑨ User tries to reserve for a day he already has a reservation on
- ⑩ Bot notices there are no available slots and presents the user with subscribe to waiting list button
- ⑪ User selects the subscribe option
- ⑫ Bot subscribes user to waiting list

Test Case name:	Create reservation - success		
Test ID:	TC-01		
Test suite:	Create Reservation		
Priority:	High		
Setup:	John Doe has a reservation Intent for 25th November 10 AM.		
Teardown:	Remove the confirmed reservation for John Doe from the system.		
Step	Description	Result	Problem
TC-01-A1	John Doe selects option to create new reservation	Pass	

TC-01-S2	Telegram bot responds by providing a list of months from November to December.	Pass	
TC-01-A3	John Doe responds by selecting November	Pass	
TC-01-S4	The telegram bot in turn provides a list of days from 24th to 30th for the remaining days of November so John Doe can select.	Pass	
TC-01-A5	John Doe selects 25th from the list	Pass	
TC-01-S6	The telegram bot presents John Doe with the list of clock time from 8 AM to 10 PM in the interval of 2 hours for the 25th of November.	Warning	This serves as a warning as it is possible that John Doe already made a reservation on this day.
TC-01-A7	John Doe selects 10:00 AM from the list.	Pass	
TC-01-S8	The telegram bot display the message "Time 2019-11-25 10:00 Reserved Successfully"	Pass	
Status:	Pass		
Tester:	E. Timoshchuk		

Date Complete:	25th November 2019
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Test Case name:	Create Reservation - failure		
Test ID:	TC-02		
Test suite:	Create Reservation		
Priority:	High		
Setup:	John Doe has a reservation intent for 25th November which he has already booked a slot for.		
Teardown:	Bot returns to main menu.		
Step	Description	Result	Problem ID
TC-02-A1	John Doe selects option to create new reservation.	Pass	
TC-02-S2	Telegram bot responds by providing a list of months from November to December.	Pass	
TC-02-A3	John Doe responds by selecting November.	Pass	
TC-02-S4	The telegram bot in turn provides a list of days from 24th to 30th for the remaining days of November so John Doe can select.	Pass	

TC-02-A5	John Doe selects 25th from the list.	Pass	
TC-02-S6	The telegram bot presents John Doe with the list of clock time from 8 AM to 10 PM in the interval of 2 hours for the 25th of November.	Warning	This serves as a warning as it is possible that John Doe already made a reservation on this day.
TC-02-S7	The telegram bot display the message "You already have reservation on 2019-11-25, you should cancel previous reservation if you want to change."	Pass	
Status:	Pass		
Tester:	S. Kuznetsov		
Date Complete:	25th November 2019		

Test Case name:	Create Reservation - failure		
Test ID:	TC-03		
Test suite:	Create Reservation		
Priority:			
Setup:	John Doe has a reservation intent for 25th November which he has already booked a slot for.		
Teardown:	Bot returns to main menu.		
Step	Description	Result	Problem

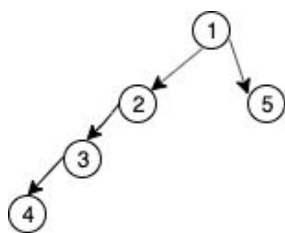
TC-03-A1	John Doe selects option to create new reservation.	Pass	
TC-03-S2	Telegram bot responds by providing a list of months from November to December.	Pass	
TC-03-A3	John Doe responds by selecting November.	Pass	
TC-03-S4	The telegram bot in turn provides a list of days from 24th to 30th for the remaining days of November so John Doe can select.	Pass	
TC-03-A5	John Doe selects 25th from the list.	Warning	This serves as a warning as it is possible that John Doe already made a reservation on this day.
TC-03-S6	The bot notices there are no slots for 25th December so it present option to John Doe to subscribe to waiting list.	Pass	
TC-03-A7	John Doe selects the Subscribe option.	Pass	
TC-03-S8	Bot subscribes John Doe to waiting list so as to notify him if	Pass	

	there is any slot made available for 25th December.		
Status:	Pass		
Tester:	E. Timoshchuk		
Date Complete:	25th November 2019		

Use Case: [Cancel reservation](#)

Test: [Cancel reservation](#)

Decision tree



- ① User selects "cancel reservation option"
- ② Bot presents user with their list of active reservations including ID
- ③ User selects the reservation they wish to cancel by choosing their ID
- ④ Bot cancels the reservation and display success message
- ⑤ User has not active reservations in the system

Test Case name:	Cancel Reservation - Success		
Test ID:	TC-04		
Test suite:	Cancel Reservation		
Priority:	High		
Setup:	John Doe has a reservation booked for 25th November 10 AM		
Teardown:	Remove Reservation for John Doe from the system		
Step	Description	Result	Problem ID
TC-04-A1	John Doe selects option to cancel reservation.	Pass	

TC-04-S2	The telegram bot presents John Doe with a list of his reservation as this: “ ID:12 Time: 2019-11-25 10:00” And presents him with option to “12” as the id of the reservation he wants to cancel	Pass	
TC-04-A3	John Doe selects the id 12.	Pass	
TC-04-S4	Telegram bot displays “Reservation Successfully Cancelled”	Pass	
Status:	Pass		
Tester:	Z. Usmonov		
Date Complete:	25th November 2019		

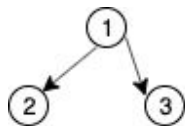
Test Case name:	Cancel Reservation Failure		
Test ID:	TC-05		
Test suite:	Cancel Reservation		
Priority:	high		
Setup:	John Doe has not booked any Reservation in the past.		
Teardown:	Telegram bot returns to Home menu		
Step	Description	Result	Problem ID
TC-05-A1	John Doe selects option to cancel reservation.	Pass	
TC-05-S2	Telegram bot displays the message “You have not made any reservation”	Pass	
Status:	Pass		
Tester:	S. Kuznetsov		

Date Complete:	25th November 2019
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Use Case: [View reservation](#)

Test: [View reservation](#)

Decision tree



- ① User selects "View reservation option"
- ② Bot presents user with their list of active reservations including ID
- ③ User Does not have any active Reservation

Test Case name:	View Reservation Successful		
Test ID:	TC-06		
Test suite:	View Reservation		
Priority:	High		
Setup:	John Doe has made two reservations for 25th November and 1 December previously.		
Teardown:	Telegram bot returns to the home menu.		
Step	Description	Result	Problem ID
TC-06-A1	John Doe selects the option to view existing reservations.	Pass	
TC-06-S2	The telegram bot displays the message "You have made the following reservations ID:12 Time:2019-11-25 10:00 ID:14 Time:2019-12-1 18:00"	Pass	
Status:	Pass		
Tester:	E. Timoshchuk		

Date Complete:	25th November 2019
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Test Case name:	View Reservation Failure		
Test ID:	TC-07		
Test suite:	View Reservation		
Priority:	Medium		
Setup:	John Doe has made no reservation from the system		
Teardown:	Telegram bot returns to home menu		
Step	Description	Result	Problem ID
TC-07-A1	John Doe selects option to view existing reservation	Pass	
TC-07-S2	Telegram bot displays the message " You have not made any reservations yet"	Pass	
Status:	Pass		
Tester:	Z. Usmonov		
Date Complete:	25th November 2019		

Test case values

TC-01	Value	Expected results	Obtained results
Select command to create reservations	✍ Reserve	Select month	Select month
Select month	November	Select day	Select day
Select day	25	Select hour	Select hour
Select hour	10:00	Reservation created successfully	Reservation created successfully

TC-02	Value	Expected results	Obtained results
Select command to create reservations	✍ Reserve	Select month	Select month
Select month	November	Select day	Select day
Select day	25	Select hour	Select hour
Select hour	10:00	Reservation created successfully	'You already have reservation on 2019-11-25, you should cancel previous reservation if you want to change.'

TC-03	Value	Expected results	Obtained results
Select command to create reservations	Reserve	Select month	Select month
Select month	November	Select day	Select day
Select day	25	Select hour	Select hour
Select hour	10:00	Reservation created successfully	'Bot subscribes John Doe to waiting list so as to notify him is there is any slot made available for 25th December.'

TC-04	Value	Expected results	Obtained results
Select command to cancel reservations	Cancel reservation	Choose the reservation ID you want to cancel:	Choose the reservation ID you want to cancel:
Select Reservation Id to cancel	12	Reservation successfully cancelled	Reservation successfully cancelled

TC-05	Value	Expected results	Obtained results
Select command to cancel reservations	Cancel reservation	Choose the reservation ID you want to cancel:	You have not made any reservations yet

TC-06	Value	Expected results	Obtained results
Select command to view reservations	View reservations	The telegram bot displays the message " You have made the following reservations ID:12 Time:2019-11-25 10:00 ID:14 Time:2019-12-1 18:00"	The telegram bot displays the message " You have made the following reservations ID:12 Time:2019-11-25 10:00 ID:14 Time:2019-12-1 18:00"

TC-07	Value	Expected results	Obtained results
Select command to view reservations	View reservations	The telegram bot displays the message " You have made the following reservations ID:12 Time:2019-11-25 10:00 ID:14 Time:2019-12-1 18:00"	Telegram bot displays the message " You have not made any reservations yet"

Test case matrices

	TC01	TC02	TC03	TC04	TC04	TC05	TC06
Reserve command	Reserve	Reserve	Reserve	Reserve			
View reservation command							View reservations
Cancel reservation command					Cancel reservation	Cancel reservation	
Month	Correct	Correct	Correct	Incorrect			
Date	Correct	Correct	Incorrect				
Hour	Correct	Incorrect					
Reservation Id					Correct	Incorrect	

Test case interaction matrices

	Create reservation	Cancel reservation	View reservation	Delete Data	Send message	Request confirmation	Send list of reservations	Update the database
Create reservation		RC - Cancel reservation after creation	RC - View reservation after creation					
Cancel reservation			RD-List of reservations					
View reservation		RD - view reservation						RC-Read or identify user id
Delete Data								
Send message								
Request confirmation		RD-Delete user reservation						
Send list of reservations								
Update the database								