



TESTING DOCUMENT

Software Engineering



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INTRODUCTION

The testing document is crucial to verify the work done on the website. Test cases are identified and described. Test data are assumed and tested practically to verify the Expected Results. The Results should pass the test to the operational of the website. Testing is fundamental to ensure proper interoperability between different components and subsystems.

The website application call AYLI (As You Like It). The main target for AYLI is to improve the relation between customers and the what so called hotels, hostels, restaurants and many more through online booking. AYLI act as an agency model. It is an intermediary agent between people who want to book an entertainment service and the different companies who offer these kinds of services.

INTEGRATION STRATEGY

Testing of AYLI application is carried out by running each case on the application while remarking the results.

Based on the requirements we set our test cases to evaluate all the scenarios mentioned in the design document, Results were recorded one by one and noted in tables which will be shown in next sections. All the tests turned out to be successful.

Table 1 Customer signup activity

Customer signup activity			
Test case	Test data	Results	Status
Customer sign up	Register a new user with a new username and filling the all requirements	Sign up successfully and the data uploaded to the database	Passed
Invalid sign up data	Leaving some information empty.	Message: error Sign up failed	Passed
Invalid sign up data	Invalid phone number or not adding @ or dot at the email	Message: error Sign up failed	Passed
Invalid sign up data	Passwords doesn't match	Message: error Signup failed	Passed
Invalid sign up data	Register a user with the same email	Message: username already taken Sign up failed	Passed

Table 2 AYLI Registration request

AYLI Registration request			
Test case	Test data	Results	Status
Request Registration to the website	Register name of the AYLI, choose which type of AYLI, choose the couples level, family level, place style, customer edge range, price range, opening hours, write the avg response time. Insert the tax identifier, phone number, address, email, password then confirm the password.	Sign up successfully and the data uploaded to the database	Passed
Invalid sign up data for an AYLI	Leaving some information empty.	Message: error Sign up failed	Passed
Invalid sign up data for an AYLI	Invalid phone number or not adding @ or dot at the email	Message: error Sign up failed	Passed
Invalid sign up data for an AYLI	Passwords doesn't match	Message: error Signup failed	Passed
Invalid sign up data for an AYLI	Register a user with the same email	Message: username already taken Sign up failed	Passed
Admin accept a request from an AYLI	Accept in admission request in the database	AYLI received message from the server	Passed
Admin reject a request from an AYLI	Reject in registration request in the database	AYLI received rejection message and the same message by trying to enter to the website again message from the server	Passed

Table 3 Sign-In Customer or AYLI

Sign-In Customer or AYLI			
Test case	Test data	Results	Status
Sign in	Trial to sign in with correct username and password	Log in successfully	Passed
sign in failure	Sign in with wrong username or password or the combination does not exist in the database	Message: error Sign in failed	Passed
sign in failure	Sign in with empty username or password	Message: error Sign in failed	Passed
sign in for a rejected AYLI	Trial to sign in with rejected registration	Message: rejection Sign in failed	Passed
Accept a proposal	Click accept one of the proposals showed on the proposal list	Proposal accepted confirmation message shows successfully	Passed
Reject proposal	Click reject one or more proposals showed on the proposal list	Proposal rejected confirmation message shows successfully	Passed
Generate invoice	Proposal accepted	System automatically generated invoice successfully	Passed

Table 4 Customer activity

Customer activity			
Test case	Test data	Results	Status
Submit a request	Choose a type of ayli and fill all the required filters	SOR generated successfully with all the input data. Successful new service request pop up appeared	Passed
Invalid request	Invalid inputs or some filter left empty	Message: error request is not registered	Passed
Accessing service history	After having several requests registered in the platform, click History in the dropdown menu	History of all the request and its status showed successfully	Passed
Observing proposal offer	Click proposal in the Customer dropdown menu	Proposal detail appears	Passed

Table 5 AYLI activity

AYLI activity			
Test case	Test data	Results	Status
Accept a request	Click accept in one or more SOR showed on the SOR list	SOR accepted, confirmation message popup appeared, and confirmation message send to the customer inbox	Passed
Reject a request	Click reject in one or more SOR showed on the SOR list	SOR rejected confirmation message sent to the customer inbox	Passed

Put service order in the buffer	Rejection of service order by SCO	Service order disappear from Service list of the AYLI and move the service order in to the buffer page	Passed
Take service order from the buffer	Go to buffer page from dropdown menu, Click SOR	SOR taken from the buffer successfully and move to new AYLI SOR list	Passed
Make a Proposal	Fill in the proposal form with preliminary cost and pictures.	Proposal created successfully and send to the Customer	Passed

Table 6 Track service status activity

Track service status activity			
Test case	Test data	Results	Status
Track service activity	Go to invoice page from drop down menu, and choose the one of the invoices	Statuses of the service can be seen updated. Accepted, In progress, We are waiting for you.	Passed
Exchanging message between customer and an AYLI	Go to new message page from navbar menu and fill in the message and receiver.	Message sent to inbox of the receiver. Message sent success popup appeared.	Passed

Table 7 Payment

Payment			
Test case	Test data	Results	Status
Payment to the bankaccount withcreditcard	Go to Invoice in drop downmenu,andclick pay, input credit card information: card	The credit card data is stored in AYLI DB, payment proceed	Passed

	number, card name, expired date, and CVV code.	successfully pop up appeared	
Invalidpayment to the SCC bank account with credit card	Go to Invoice in drop down menu and click pay. input credit card information: card number, card name, expired date, and CVV code with invalid format	Message: error appeared, the credit card data is not stored in DB	Passed

Table 8 Service review activity

Service review activity			
Test case	Test data	Results	Status
Rate on SC company	Rate the SC in the invoice from one star to five stars, write a review, upload pics for the memory.	Rate from the customer appeared in the public information of the AYLI	Passed

Table 9 Claim activity

Claim activity			
Test case	Test data	Results	Status
Register a claim	Go to contact page from the dropdown menu, and fill in the claim	Claim shows up in the AYLI database, claim success notification pop up appeared, information about the claim appeared in EDU notification	Passed

Table 10 Broadcasting

Broadcasting			
Test case	Test data	Results	Status
An AYLI send a message to the broadcast	Go to broadcast page from navbar, fill in the titles and upload pics.	New message generated in the broadcast, Confirmation popup appeared.	Passed
Open the broadcast	Go to broadcast page from navbar.	All the message posted by the AYLI's appeared there.	Passed

Table 11 Logging Out

Logging out			
Test case	Test data	Results	Status
Log out	Click on the logout in the main page.	Account log out successfully	Passed

TOOLS AND TEST EQUIPMENT REQUIRED

Tools

The following tools are used to test the entire project:

- Visual Studio IDE
- ReactJS JavaScript library
- Axios (Promised-based HTTP client for JavaScript)
- React Redux
- Redux thunk
- Maps JavaScript API
- Geocoding API
- Places API

Test Equipment Required

To perform testing, we need set of hardware equipment.

- laptop to run the Web Application test carefully selecting each of them with a different screen size and resolution