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Department of Computer Science  
Faculty of Science &Technology (FST)  
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Section: G  
Software Quality Assurance and Testing

PROJECT TITLE:https://chaldal.com/

GROUP -01

A Report submitted

By

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Software Test Plan

for

<CHALDAL>

Version 1.0 approved

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# Revision History

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| Revision | Date | Updated by | Update Comments |
| 0.1 | 11.12.2022 | Zarin tasnim | First Draft |
| 0.2 |  |  | Second draft |
| 0.3 |  |  | Third draft |
| 0.4 |  |  | Fourth draft |
| 0.5 |  |  | Fifth draft |
| 0.6 |  |  | Sixth draft |
| 0.7 |  |  | Seventh draft |
| 0.8 |  |  | Eighth draft |
| 0..9 |  |  | Ninth draft |

# TEST PLAN IDENTIFIER:RS-MTP01.3

# REFERENCES

o Software Quality and Testing Course PowerPoint Slides

o YouTube & Google

# INTRODUCTION

# Chaldal.com is an online store in Dhaka, Bangladesh. Chaldal.com was founded in 2013 by three young Bangladeshi entrepreneurs, Waseern Alin, Tejas Viswanath, and Zia Ashral. All three partners have diverse backgrounds in specialized work.outstanding college degrees As one of the world's densest cities, Chaldal.com recognized the potential of the online market in Bangladesh. Chaldal's goal is to provide customers with the experience of purchasing products and services from a larger selection in a virtual shop (https://chaldal.com/).

## Background to the Problem

Overpopulation, traffic congestion, and the influence of online shopping in the Western world have enabled consumers to adapt technology in their daily lives.Online shopping in Bangladesh lags behind due to literacy, online transactions, security, trust, convenience, and ease of use. However, in order to expand, online shops in Bangladesh must focus on retaining current customers. Every online shopping company in this day and age requires to rely on repeat customers to sustain and grow This common reality prompts the business world to investigate the factors that can entice consumers to buy.

Online repurchase intention is defined as an individual's decision to buy a specific service from the same website again, taking into account his or her current situation and likely circumstances.

## Solution to the Problem

## This test plan will significantly contribute to a better understanding of the factors influencing online repurchase intention of Chaldal.com among current customers in Dhaka. The organization can gather information.about factors such as media richness, ease of use, usefulness, security and trust aspects, and customer attitude toward website among various demographic groups By designing their website to be best suited to the customers, the organization can have better marketing and strategy planning with accurate information to target and retain customers.

## Demographic segmentation among customers may also assist the organization in researching and stocking more items for the targeted age group.Understanding the factors that influenced their repurchase intention, future researchers or organizations that operate online businesses such as online shopping can refer to this research to learn more about Bangladeshi customers' perceptions and how to improve them.Trigger their purchase intent and increase sales As a result, marketers can evaluate their strategies in order to develop more effective strategies for targeting and expanding their customer base.

## Finally, the purpose of this test plan is to test and evaluate factors such as media richness, ease of use, usefulness, attitude toward using the website, security and trust aspects, and demographics towards online repurchase intention among Chaldal.com current customers.

## Furthermore, this test plan will assist online shopping organizations in learning more about consumer demands, which when taken into account.As a result, Our primary concern is focuses on this issue and attempts to investigate the factors influencing online repurchase intention of Chaldal.com in Dhaka, Bangladesh.

# REQUEIREMNT SPECIFICATION

## System Features

1. System Login Functional

Requirements

1.1 Provide Phone number, Email, facebook, password etc

1.3 verify phone number,Verify facebook id, Phone Number, etc.

Priority Level: High

Precondition: user have valid user id and password

# FEATURES NOT TO BE TESTED

The following is the list of the features not to be tested:

# TESTING APPROACH

## Testing Levels

● **Unit Testing:** Because our project is still in the implementation phase, we anticipate that we will conduct Unit Testing while developing our system. During this testing, we will examine individual software modules to determine whether the individual system module has Whether by mistake or not. This testing methodology is carried out by software developers and quality assurance personnel.This testing goal is to ensure that each unit of software code works as intended. In this step, we will follow “White Box Testing” technique.

● **Integration Testing:** Because our project is still in the implementation phase, we anticipate that during this integration testing, we will ensure that all of the software modules have been logically integrated, tested as a group, and are working properly. The purpose of testing is to identify flaws in the way various software modules interact when they are integrated. In this step, we will use the "Bottom-up Integration" technique.

● **System Testing:** Because our project is still in the implementation phase, we expect to test a full-featured, fully integrated system during system testing. Then we'll see if it meets all of the requirements. This category includes black-box testing condition. So, in this level, we will use the "Black Box Testing" technique.

● **Acceptance Testing:** Because our project is still in the implementation phase, we anticipate that we will conduct acceptance testing to ensure that our product is acceptable.This test will be performed to determine whether any defects were missed during the functional testing.Phase of testing We will use the "Black Box Testing" technique at this level. Following that, we can run unit tests again.

## Test Tools

The only test tools to be used are the standard AS/400 utilities and commands.

o The Program Development Manager (PDM) will be used as the source version configuration management tool in conjunction with the in-house check-in/check-out system.control utility The check-in/out utility is included in each developer's standard AS/400 access menu.

o The AS/400 Screen Design Aid will be used to create the first prototypes for the new screens (SDA). The initial layout and general content of The screens will be shown to the sales administration staff before they are tested and developed.

## Meetings

We will meet once every one or two days via MS Teams to assess progress and identify error trends and problems as soon as possible. Our test team leader will also meet with development and the project manager every two days. These two events will be scheduled on various days In the event of an emergency, additional meetings may be called.

# TEST CASES/TEST ITEMS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID: FR\_1 | | | Test Designed date: | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: | | |
| Module Name: Login Session | | | Test Execution date: | | |
| Test Title: verify login with valid username and password | | |  | | |
| Description: Test website login page | | |  | | |
| Precondition (If any): User must have valid username and password | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website 2. Enter username 3. Enter password 4. Click submit | Username: 99999999999  Password: 321 | User should login into the application | | As expected, | Pass |
| Post Condition: User is validated with database and successfully login to account. The account session details are logged in the database. | | | | | |

# ITEM PASS/FAIL CRITERIA

The test process will be completed once the initial set of distributors have successfully sent in reassigned sales data for a period of one month and the new EDI data balances with the old ZIP/FAX data received in parallel. When the sales administration staff is satisfied that the data is correct the initial set of distributors will be set to active and all parallel stopped for those accounts.

# TESTING SCHEDULE

Time has been allocated within the project plan for the following testing activities. The specific dates and times for each activity are defined in the project plan timeline. The persons required for each process are detailed in the project timeline and plan as well. Coordination of the personnel required for each task, test team, development team, management and customer will be handled by the project manager in conjunction with the development and test team leaders. Schedule must be done using any PM tool.

