Testing Report

Overview:

This project is aimed at developing an online leave management system that is of importance to an organization. The Leave Management System (LMS) is a web-based application that can be accessed throughout the organization or a specified staff/Dept. This system can be used to automate the workflow of leave applications and their approvals. The periodic crediting of leave is also automated. There are features like email notifications, cancellation of leave, automatic approval of leave in this system
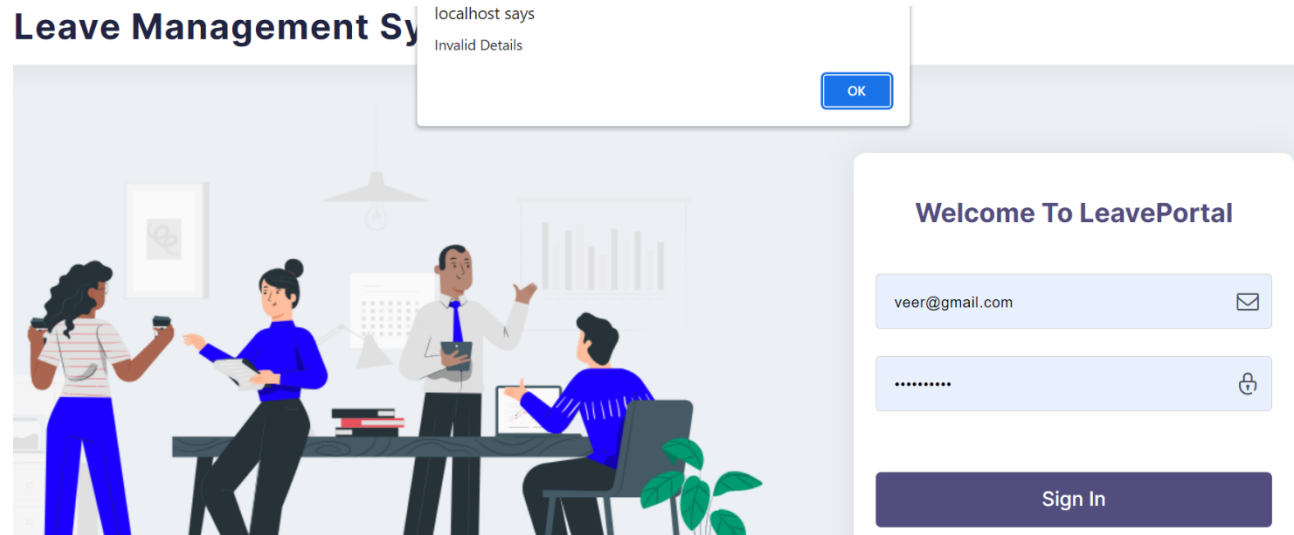
MANUAL TESTING:

1. Testing Login Page, The user credentials are properly validated. Failing to meet any requirements, warning gets displayed
2. Invalid Login : when entered any invalid credentials, a message pops up indicating unsuccessful login
3. Successful Login : User gets successfully logged in and lands at homepage upon entering valid credentials.
4. Leave Application :
    When a staff apply for new leave it will get reflected in the leave history of the respective staff and pending leaves of respective HOD and the ADMIN
5. Checking of admin actions:
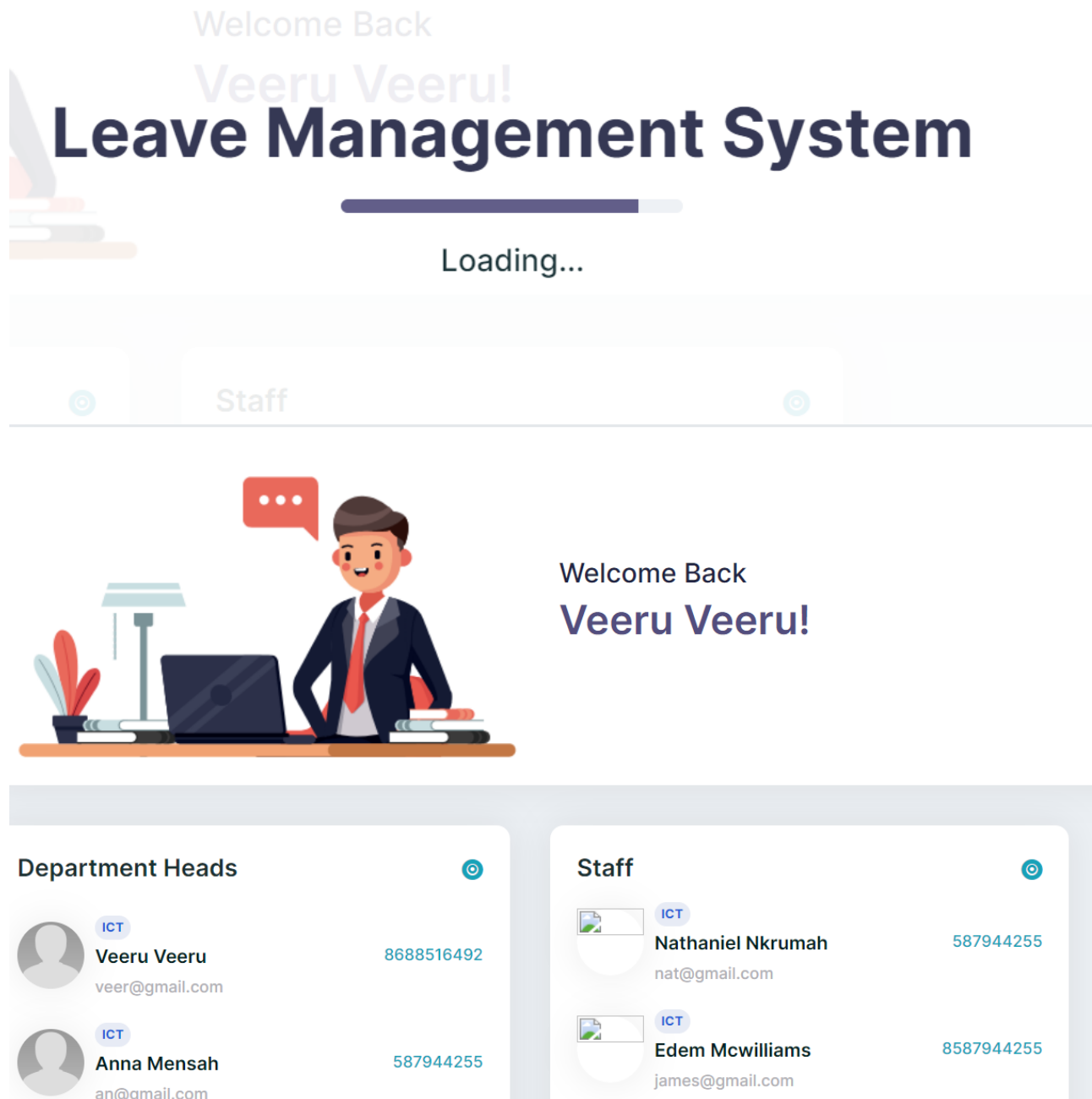
            1->Approval of leave

            2->Staff management

1. Testing Login Page, The user credentials are properly validated. Failing to meet any requirements, a warning gets displayed. Results are as expected

2. Invalid Login : when entered any invalid credentials, a message pops up indicating unsuccessful login

3.Successful Login : User gets successfully logged in and lands at homepage upon entering valid credentials. Results are as expected.

Welcome Back
Veeru Veeru!

Leave Management System

Loading...

Staff

Welcome Back
Veeru Veeru!

Department Heads ◎

ICT
Veeru Veeru   8688516492
veer@gmail.com

ICT
Anna Mensah   587944255
an@gmail.com

Staff ◎

ICT
Nathaniel Nkrumah   587944255
nat@gmail.com

ICT
Edem Mcwilliams   8587944255
james@gmail.com

When a staff applies for a new leave application it gets reflected in the leave history of the respective staff

First Name

Veeru

Last Name

Veeru

Email Address

veer@gmail.com

Available Leave Days

28

Leave Type :

Casual Leave

Start Leave Date :

17 April 2022

End Leave Date :

17 April 2022

Reason For Leave :

vacation

Apply Leave

ALL MY LEAVE

LEAVE TYPE	DATE FROM	DATE TO	NO. OF DAYS	HOD STATUS	REG. STATUS	ACTION
Casual Leave	17-04-2022	16-04-2022	2	Approved	Approved	👁
Casual Leave	15-04-2022	15-04-2022	1	Pending	Pending	👁

< 1 >

Admin and HOD can take the action for leave application of staff

Leave take action

Approved ⬍

Description

Take Action

Submit

Leave take action

Choose your option ⬍
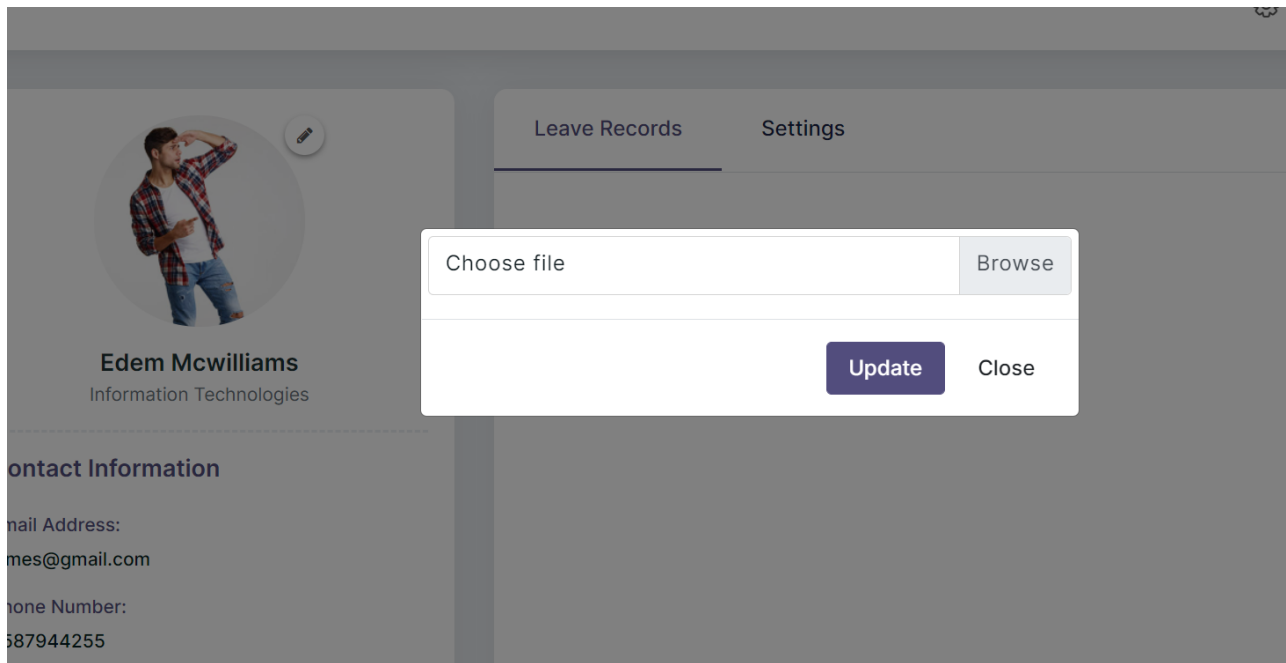
Choose your option
Approved
Rejected

Submit

Upon providing new staff details admin can add the new staff

assword :	Gender :	Phone Number :
••••••••	Male ⇅	7013302371

ate Of Birth :	Address :	Department :
17 April 2022	IIIT Guwahati, Bongora	Information Technologies ⇅

taff Leave Days :	User Role :	
30 ⇅	Staff ⇅	**Add Staff**

Admin can add or delete the staff sucessfully

FULL NAME ⇅	EMAIL ⇅	DEPARTMENT ⇅	POSITION ⇅	AVE. LEAVE ⇅	ACTION
Anna Mensah	an@gmail.com	Information Technologies	HOD	30	○○○
Bridget Gafa	bridget@gmail.com	Information Technologies	Staff	1	✏ Edit 🗑 Delete
Gideon Annan	gideon@gmail.com	Information Technologies	HOD	30	○○○

User can update his profile successfully

Leave Records   Settings

Edem Mcwilliams
Information Technologies

Contact Information

Email Address:
mes@gmail.com

Phone Number:
587944255

Choose file   Browse

Update   Close

System testing

- It is a level of testing that validates the complete and fully integrated software.
- The purpose of system test is to evaluate the end-to-end system specifications.
- It is performed on a complete integrated system to evaluate the compliance of a system with the corresponding.
- We tested the design and behavior of system and also the expectations of the customer.
- Below are the results of the test cases we performed on the system testing.

LOGIN(Staff,Admin,HOD)

Test Cases	Result
Login with correct email-id and password	Logged in successfully
Login with wrong email-id and password	Invalid credentials error
Login with correct email-id and wrong password	Invalid credentials

Apply leave (Staff)

Test Cases	Results
Applying the leave such that your leave days should not exceed the available number of leaves	Successfully Submitted
Applying the leave such that your leave days exceeds the available number of leaves	Rejected

Manage Staff (Admin)

Test Cases	Results
Admin adds the new staff with correct details	Successfully creates accounts for new staff
Admin add the new staff with already existed staff	Gives a pop up that tells that user already exists
Admins add the staff with wrong details EX-wrong email-id etc..	Error
Admin	

On Executing the above tests we resolved all detected irregularities among all the unit test that where integrated together we made sure that all the features are working as expected and the system as a while is working smoothly in all circumstances