Test Case Document

Project Name: QR and Face Recognition-Based Room Access System

Module: Admin Application

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Test Cases for User Admin App

Test Scenario ID: TSA_1

Test Scenario: Test Side Panel

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TCA_1.01	Navigate to Dashboard Page	N/A	1. Click dashboard tab	N/A	Navigate to Dashboard	1. Show Collections of count of (Total Users, Total, Total Doors, Access Attempts, Unread messages) 2. Show pending Request section 3. Show messages Section	Navigate to Dashboard	Pass
TC_1.02	Navigate to User List Page	N/A	Click user list in SideBar	N/A	Navigate to User List	Show the User list as a Table	Navigate to User List	Pass
TC_1.03	Navigate to Doors Page	N/A	Click Doors in Sidebar	N/A	Navigate to Doors page	1. View the Doors panel with list of Doors 2. View the Recent access table	Navigate to Doors page	Pass

TCA_1.04	Navigate to Profile Page	N/A	Click Profile in sidebar	N/A	Navigate to Profile Page	View the Profile Details (Functions have to be develop with Superadmin App)	Navigate to Profile Page	Pass
TCA_1.05	Navigate to Settings	N/A	Click Profile in sidebar	N/A	Navigate to Settings Page	View the Reset password section (Functions have to be develop with Superadmin App)	Navigate to Settings Page	Pass
TCA_1.06	Navigate to LogOut	N/A	Click Profile in sidebar	N/A	Navigate to Logout Page	View the Logout page and Logout from the user (Functions have to be develop with Superadmin App)	Navigate to Logout Page	Pass

Test Scenario ID: TSA_2

Test Scenario: Test Counters (Dashboard)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TCA_2.01	View To User count registered with the System	1. Should be in the Dashboard Page	Register a new user using Admin App	Number of users	Increase the number of users in one	Show the number of users more than one of previous stare	Increase the number of users in one	Pass
TCA_2.02		1. Should be in the Dashboard Page 2. Already a user or number of users should registered in the System	Delete a user from the system	Number of users	Decrease the number of users in one	Show the number of users less than one of previous stare	Decrease the number of users in one	Pass
TCA_2.03	View the Count of doors added to the system	1. Should be in the Dashboard Page	Add a new door using Admin App	Number of Doors	Increase the number of Doors in one	Show the number of doors more than one of previous stare	Increase the number of Doors in one	Pass
TCA_2.04		1. Should be in the Dashboard Page 2. Already a user or number of	Delete a new door using Admin App	Number of Doors	Decrease the number of Doors in one	Show the number of doors Less than one of previous stare	Decrease the number of Doors in one	Pass

		users should registered in the System						
TCA_2.05	View the Count of Daily Access Attempts and Total	1. Should be in the Dashboard Page	Do a verified access to a permissioned door by a user	Number of Daily access attempts and total access attempts	Increase the number of Daily access attempts and total access attempts by one	Show the count of Daily access attempts and total access attempts	Increase the number of Daily access attempts and total access attempts by one	Pass
TSA_2.06	View the Count of Unread messages	1. Should be in the Dashboard Page	User should add a message through the user App	Number of unread messages	Increase Number of unread messages by one	Show the count of Unread messages	Increase Number of unread messages by one	Pass
TSA_2.07	View the Count of Unread messages	Should be in the Dashboard Page	Admin should mark the message as Read	Number of unread messages	Decrease Number of unread messages by one	Show the count of Unread messages	Decrease Number of unread messages by one	Pass

Test Scenario ID: TSA_3

Test Scenario: Test Pending Requests (Dashboard)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TSA_3.01	View the Pending requests when user Asked a Permission	N/A	User submit a Request for Permission	Details of Users and Permission request	Showing the Latest request on the top	See the List of the permission Requests	Showing the Latest request on the top	Pass
TSA_3.02	Remove the Pending requests from the list when admin approved	User should already request for door access	Approve the Permission request from user details access requests	Details of Users and Permission request	Remove the pending request when Approved	List of Pending requests without the approved request	Remove the pending request when Approved	Pass
TSA_3.03	Remove the Pending requests from the list when admin denied	User should already request for door access	Denied the Permission request from user details access requests	Details of Users and Permission request	Remove the pending request when denied	List of Pending requests without the approved request	Remove the pending request when denied	Pass

Test Scenario ID: TSA_4

Test Scenario: Test Messages Section (Dashboard)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TSA_4.01	View messages when user send a message and increase the count of unread messages	N/A	User send a message	Message and the sender ID	Showing the Latest message on the top and Increase the count of unread messages by one	See the List of the Messages	Showing the Latest message on the top and Increase the count of unread messages by one	Pass
TSA_4.02	Decrease Count of Unread messages when read	Unread message in the list	Admin should mark the message as Read	Number of unread messages	Decrease Number of unread messages by one and message background color change to white	Show the count of Unread messages	Decrease Number of unread messages by one and message background color change to white	Pass

Test Scenario ID: TSA_5

Test Scenario: Test Add new User (User List)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TSA_5.01	Successfully add a new user	Admin is logged into the User List page	1. Click the "Add New User" button 2. Fill in all required fields: First Name, Last Name, Email, User ID, Password 3. Click the "Save" button	First Name: "John" Last Name: "Smith" Email: "john@gmail.com" User ID: "InSP/2024/4215/854" Password: "Password@123"	Popup: "User Added Successfully" New user appears in User List	New user is added to the list	Popup: "User Added Successfully" New user appears in User List	Pass
TSA_5.02	Attempt to cancel adding a new user	Admin is logged into the User List page	1. Click the "Add New User" button 2. Fill in some fields 3. Click the "Cancel" button	First Name: "John" Last Name: "Smith"	Form is cleared, no new user is added	No changes in the user list	Form is cleared, no new user is added	Pass

TSA_5.03	Attempt to save without filling all fields	Admin is logged into the User List page	1. Click the "Add New User" button 2. Leave one or more required fields blank 3. Click the "Save" button	First Name: "" (blank) Email: "" (blank)	Error: "All fields are required"	New user is not added	Error: "All fields are required"	Pass
TSA_5.04	Verify that the new user can log in to the mobile app	New user is successfully added in User List	1. Open the mobile app 2. Enter the newly added user's credentials 3. Click "Login"	Email: "john@gmail.com" Password: "Password@123"	User successfully logs into the mobile app	User can access the mobile app	User successfully logs into the mobile app	Pass
TSA_5.05	Attempt to add a user with an already existing User ID	Admin is logged into the User List page	1. Click the "Add New User" button 2. Fill in the fields with a User ID already present in the User List 3. Click the "Save" button	User ID: "InSP/2024/4215/854" (already exists)	Error: "User ID already exists"	New user is not added	Error: "User ID already exists"	Pass

TSA_5.06	Attempt to add a user with an invalid email format	Admin is logged into the User List page	1. Click the "Add New User" button 2. Enter an invalid email format (e.g., missing "@" or domain) 3. Click the "Save" button	Email: "invalide mail.com"	Error: "Invalid email format"	New user is not added	Error: "Invalid email format"	Pass

Test Scenario ID: TSA_6

Test Scenario: Test Add new Door (Door Management)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TSA_6.01	Add new Door	N/A	1.Navigate to Door section 2. Click "Add new Door" Button 3. Fill Door Details 4. Click the"Save to Database" button	Company Name Door Id Room Name	Should generate the QR Code Should retrieve Door Details	Door details should retrieve on "Door" Page Should give access for selecting added door in User App "Ask Permission" Page	Generated the QR code successfully Door Details retrieve in "Door Page" Can access users to select the door that is added by the admin	Pass
TSA_6.02	Add new Door	N/A	1.Navigate to Door section 2. Click "Add new Door" Button 3. Click the"Save to Database" button without adding inputs	N/A	Should add empty Door Details to database	N/A	Did not retrieve Door Details	Pass

Test Scenario ID: TSA_7

Test Scenario: Test view Door Details(Door Management)

Test Case ID	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Status
TSA_7.01	Download QR Code	Should Retrieve Door Details in "Door" Page Should access Door Details individually	1.Click "View Details" in specific door 2. Click "Download QR" button	N/A	QR Code Should download	N/A	QR code is successfully downloaded	Pass
TSA_7.02	Delete Door	Should Retrieve Door Details in "Door" Page Should access Door Details individually	1.Click "View Details" in specific door 2. Click "Delete Door" button	N/A	Should delete Door Details	N/A	Door Details are deleted successfully	Pass