# Test plan:

# Test Strategy

## Scope of Testing

### Feature to be tested

I will build a test for a web system that collects ideas to improve staff in the university:

Sprint 1:

* Website interface and function
* Admin: login and logout to the system/ create accounts for all members of the system/ reset password/ see list of accounts/ view and edit all account.
* QA: login, logout to the system, reset password, add categories, delete categories.
* QAC: login, logout to the system
* Staff: login, logout to the system, reset password, upload ideas before first closure date (self-categorize ideas, PDF or Word files to illustrate ideas)

Sprint 2:

* Website interface and function
* Admin: set and edit first closure date & final closure date/ see a list of ideas posted
* QA: download all ideas past closure date in CSV file/ download all uploaded documents in ZIP file.
* Staff: agree to the terms before uploading the idea/ see a list of all ideas uploaded to the system/ read all comments at all ideas/ comment on ideas before the final closure date/ like, dislike ideas before the final closure date

Sprint 3:

* Website interface and function
* Admin: idea filter (by like, comment)
* QA: see the statistics dashboard (number of ideas per year/week, distributor per department) / idea filter (by like, comment)
* QAC: get email notifications when an idea is submitted/ idea filter (by like, comment)
* Staff: Get notified if anyone comments on my own ideas, idea filter (by like, comment)

## Test Type.

In the project we will have 2 stages to test. first when the functionality in the project is finished coding then the finisher will have to check to make sure that the functionality is working and running as intended. Then will pass it to the tester so that they can check it thoroughly as well as make test plans, test cases, testlogs, ...

## Risk and Issues

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| --- | --- |
| Risk | Mitigation |
| Test Manager has poor management skill | Plan leadership training for manager |
| Website testers lack website testing skills | Make a study plan to improve your test ability |
| The system encounters some errors that are hard to fix | Interact with team members to fix quickly. |
| Project progress is delayed | Conduct meetings and constantly remind team members to complete the right project |

## Test Logistics

### Who will test?

The project will be tested and planned by member Pham Dinh Manh.

### When will test occur?

The tester will start the test execution when all the following inputs are ready

- Software is available for testing

- Test Specification is created

- Test Environment is built

- Enough human resource for testing

# Define the Test Objectives

Test Objective is the overall target and achievement of testing. Test Objective is to find out as many software errors as possible; Ensure that the software is checked without errors before release.

Determine the project's Objective test:

* Checking the functions in the site can work without errors or bugs.
* Check the user interface easy to use and have a reasonable layout.
* Checking important data fields that work properly?

# Define Test Criteria

Suspension Criteria: If the testing process has 50% of the failure test case, it will stop testing and correct errors for failures.

Exit Criteria:

* Run Rate is the ratio between the number of test cases made / the total number of test specifications of the test specification. Here we are required to have 100% Run Rate
* Pass Rate is the ratio between the number of pass test cases / number of test cases performed. And with a higher rate of 85%, we have completed the test

# Resource Planning

Resource Plan is a detailed summary of all types of resources needed to complete the project's tasks. Resource can be human, equipment and materials needed to complete a project

**System Resource:**

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| --- | --- | --- |
| ID | Resources | Tasks |
| 1 | Serve | Use MongoDB to make databases  Heroku is the server used |
| 2 | Laptop | Laptop run win 10, ram 16gb, CPU 2.6GCHz |

# Schedule & Estimation.

## Estimation

Estimates total time for testing is:

* sprint 1: 16/02/2022 - 10/03/2022
* sprint 2: 01/03/2022 - 25/03/2022
* sprint 3: 26/03/2022 - 10/04/2022

## Schedule

|  |  |  |
| --- | --- | --- |
| Sprint | Task | Hours |
| Sprint 1 | Writing tescase | 4 |
| Test website interface and function | 1 |
| Test all role: login and logout to the system, forgot, change password | 1 |
| Test admin: create and delete accounts for all members of the system | 2 |
| Test all role: view and edit all account | 1 |
| Test QA: add categories, delete categories. | 1 |
| Test Staff: agree to the terms before uploading the idea /upload ideas | 1 |
| Sprint 2 | Writing tescase | 4 |
| Test website interface and function | 1 |
| Test admin: set and edit first closure date & final closure date/ see a list of ideas posted | 2 |
| Test QA: download all ideas | 1 |
| Test staff: see a list of my ideas uploaded to the system/ read all comments at all ideas/ comment on ideas before the final closure date/ like, dislike ideas before the final closure date | 2 |
|  | Website interface and function | 1 |
| Test admin: idea filter (by like, comment) | 1 |
| Test QA: see the statistics dashboard / idea filter (by like, comment) | 2 |
| Test QAC: get email notifications when an idea is submitted/ idea filter (by like, comment) | 1 |
| Test Staff: Get notified if anyone comments on my own ideas, idea filter (by like, comment) | 2 |

# Determine Test Deliverables

* Test plans document.
* Test cases documents.
* Test log documents.
* Test Results/reports

# Test case:

**Test sprint 1:**

**All role: Login, logout, forgot password, change password**

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/Fail |
|  | User Interface | Check all the text boxes and buttons | 1. Click on Login buttons and textbox  2. Click forgot your password | UI should be perfect  Textboxes and button should be aligned | Reasonable layout, Textbox and Button Operation | Passed |
|  | Required Fields | Check the required fields by not filling any data. | 1. Nothing filled in Username  2. Nothing filled in password  3. Click on Login Button | Users cannot log in and display the error message | Show error “accountEmail is not allowed to be empty” | Passed |
|  | Verify if blank spaces are passed in required fields. | 1. Enter the space into the password account fields.  2. Click on Login Button | User should get an error message. | No warning | Failed |
|  | User Login | Check When passing a correct username and invalid password | 1. Enter valid username  2. Enter incorrect password  3. Click on Login Button | Users cannot log in and display the error message | Show error “invalid password” | Passed |
|  | Check when pass correct email and password | 1. Enter valid username  2. Enter valid password  3. Click on Login Button | User should log in | can login to the system according to each role | Passed |
|  | Verify when passing incorrect Email and correct password | 1. Enter incorrect Email.  2. Enter the correct password.  3. Click on the Login Button. | User should not be able to log in and the error message should be displayed. | Show error” user not found” | Passed |
|  | Verify when passing both incorrect Email and password | 1. Enter incorrect Email.  2. Enter the correct password.  3. Click on the Login Button | User should not be able to log in and the error message should be displayed. | Show error” user not found” | Passed |
|  | Check if the password is entered in encrypted | 1. Enter valid username  2. Enter valid password  3. Click on Login Button | Password is entered in encrypted form and User should log in | password is encrypted and displayed as \*\*\*\*\*\*\* and allows login to the system | Passed |
|  | Forgot password | Check for forgotten passwords | 1.Click forgot the password | Click the Forgot password link to bring users to the page forgot password | User transfer system to page forgot password | Passed |
|  | Verify the user will receive an error message when the user does not register the email. | 1. Click on the Forgot password link.  2. Enter unregistered email id and click on the confirm button. | User should get an error message. | Show error” User with given email does’t esixt” | Passed |
|  | Check when entering the email already in the system will go to the password change page | 1. Click on the Forgot password link.  2. Enter emails in the system and click on the confirm button. | The system will send an email to the user to retrieve the password | Password reset link sent to your email account | Passed |
|  | Change Password | Verify user should get an error message when user enters the previous password. | 1. Log in to the system  2. Click change password  3. Enter the previous password.  4. Click on the Save button. | User should get an error message. | Success change password | Failed |
|  | Verify user able to reset user password | 1. Log in to the system.  2. Click change password  3. Enter old password  3. Enter a new password and a confirm password.  4. Click on the Save button. | Users should get the success message and the password should get reset. | Success change password | Passed |
|  | Verify user should get an error message when password and confirm password not matches | 1. Log in to the system.  2. Click change password  3. enter old password  4. Enter a different new password and a confirm password.  5. Click on the Save button. | Users should get an error message. | Show error “New password invalid” | Passed |
|  | Verify user should able to login with a new password. | 1. Go to login page. 2. Enter user name. 3. Enter new password. 4. Click Login button. | User should able to login | System allows login | Passed |
|  | Verify if the user enters a new password that does not cover the basic requirements of password then the user should be displayed error message | 1. Log in to the system.  2. Click change password  3. enter old password  2. Enter invalid password coincides with password confirmation as a character.  3. Click on the Save button. | Users should get an error message. | Show error “NewPassword must have at least 6 characters and maximum 30 characters” | Passed |
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**Role admin: create and delete accounts for all members of the system.**

Account Email, Phone Number, Address, Role: Required fields.

Gender, DOB: option fields.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | UI should be perfect | Reasonable layout, Textbox, dropdowns, Button Operation | Passed |
|  | Check Admin Home Page interface | 1. login with admin account  2. Click button, search textbox, | UI should be perfect | Reasonable layout, Textbox, dropdowns, Button Operation | Passed |
|  | Check the User Manager interface | 1. Click manager user  2. Click button, search textbox, | UI should be perfect | Reasonable layout, Textbox, Button Operation | Passed |
|  | account creation page | Visit the account creation page | 1. login by admin account  2. click manager user  3. click new account button | Display page Create account | Display page Create account | Passed |
|  | Required fields | Check the required fields by not filling | 1. Do not enter any values in the required field.  2. Click on the add button. | It will require filling in mandatory fields | Show error “accountEmail is not allowed to be empty” | Passed |
|  | Check user should Register by filling all the required fields | 1. Enter valid values into required fields.  2. Click the add button. | It will successfully register and display a successful registration message. | Notice "Add account successful" and have account information in the database | Passed |
|  | Check for existing data | 1. Enter the account already existed and registered earlier  2. Enter valid remaining values  3. Click the add button. | Notice of users who have existed | Show error” Failed! Email is already in use” | Passed |
|  | Optional Fields | Do not fill in non-required fields | 1. Enter valid data into required fields.  2. Do not enter data into the optional field  3. Press the Add button | The system will not require to fill in unauthorized fields. The system will allow account registration and successful notifications | The system will allow account registration | Passed |
|  | Fill in valid data to optional fields | 1. Enter valid data into required fields.  2. Enter valid data into the optional field  3. Press the Add button | It will successfully register and display a successful registration message. | It will successfully register and display “add account successfully” | Passed |
|  | Email validation | Check the Email Account text field that has an Email address without @ symbol.  Check the Email Account text field that has a missing dot in the email address. | 1. Enter Invalid Emails  2. Enter valid data into required fields  3. Click on the add Button. | Show invalid email notifications. | Show error” Email must be in the format @gmail.com, Ex: thang1@gmail.com" | Passed |
|  | Check all the valid emails | 1. Enter valid Emails  2. Enter valid data into required fields  3. Click on the add Button. | It will successfully register and display a successful registration message. | It will successfully register and display “add account successfully” | Passed |
|  | Check the email account already in the database | 1. Enter an email coinciding with the previously created email  2. Enter valid data into required fields  3. Click on the add Button. | Show available email notifications | Show error” Failed! Email is already in use” | Passed |
|  | Phone Number validation | Check the phone number that the first two numbers are Vietnam's phone numbers | 1. Enter the number with 10 numbers that start with 03, 05, 07, 08, 09.  2. Enter valid data into required fields  3. Click on the add Button. | It will successfully register and display a successful registration message. | It will successfully register and display “add account successfully” | Passed |
|  | Check the phone number that the first two numbers are not the phone number of Vietnam | 1. Enter the number with other numbers 03, 05, 07, 08, 09 contains enough 10 numbers  2. Enter valid data into required fields  3. Click on the add Button. | Notice of invalid phone numbers | Show error “Incorrect Phone Format, Ex: 0906246555” | Passed |
|  | Check out other phone numbers with 10 numbers | 1. Enter the number of other lengths of 10 starting the number of 2 numbers of phone numbers Vietnam.  2. Enter valid data into required fields.  3. Click on the add Button. | It will show the phone number error message | Show error “Incorrect Phone Format, Ex: 0906246555” | Passed |
|  | Password Validation | Check the password limit when entering the value smaller than min | 1. Enter the value of letters and numbers but less than 6.  2. Enter valid data into required fields.  3. Click on the add Button. | It will display a long-term password error message from 6-30 | Show error “ Password must have at least 6 characters and maximum 30 characters” | Passed |
|  | Check the password limit when entering the value greater than the maximum value | 1. Enter the value of letters and numbers but more than 30.  2. Enter valid data into required fields.  3. Click on the add Button. | It will display a long-term password error message from 6-30 | Show error “ Password must have at least 6 characters and maximum 30 characters” | Passed |
|  | Check the password when passing only numbers | 1. Enter a value in numbers which is in between 6-30  2. Enter valid data into required fields.  3. Click on the add Button. | Invalid password notifications | It will successfully register and display “add account successfully” | Failed |
|  | Check the password when passing valid data | 1. Enter value in alphanumeric which is in between 6-30  2. Enter valid data into required fields.  3. Click on the add Button. | It will successfully register and display a successful registration message. | It will successfully register and display “add account successfully” | Passed |
|  | DOB  Validation | Enter the number of years of birth they are over the age of work | 1. Enter the number of years of birth over 80 years ago.  2. Enter valid data into required fields.  3. Click on the add Button. | Birth year notice inappropriate | It will successfully register and display “add account successfully” | Failed |
|  | Enter the number of years of birth they are not old enough to work | 1. Enter the number of years of birth is not enough 18 years ago.  2. Enter valid data into required fields.  3. Click on the add Button. | Birth year notice inappropriate | It will successfully register and display “add account successfully” | Failed |
|  | Enter Dob people in the age of work | 1. Enter the number of years of birth from 18 years to 80 years ago from the present  2. Enter valid data into required fields.  3. Click on the add Button. | It will successfully register and display a successful registration | It will successfully register and display “add account successfully” | Passed |
|  | Address Validation | Check address length | 1. Enter a character in address  2. Enter valid data into required fields.  3. Click on the add Button. | It is show error | Show error “Address must be more than 10 characters” | Passed |
|  | Check more valid addresses | 1. Enter valid data in address  2. Enter valid data into required fields.  3. Click on the add Button. | It will successfully register and display a successful registration | It will successfully register and display “add account successfully” | Passed |
|  | Role validation | Check the Role | 1. Enter valid data into required fields.  2. choose a role  3. click add button | It will successfully register and display a successful registration | It will successfully register and display “add account successfully” | Passed |
|  | Delete account | Check delete account function | 1. click manager user.  2. click pen icon  3. click delete button | Account will be deleted | Account will be deleted and show “Delete account successfully!” | Passed |
|  | recover account | Recover deleted accounts | 1. click manager user.  2. click recycle bin  3. Click recover Icon in the account you want to recover | Account will be restored | Account is restored | Passed |

**All role: View and edit their information.**

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | UI should be perfect | Reasonable layout, Textbox and Button Operation | Passed |
|  | Required fields | Check the required fields by not filling | 1. Displays old information of accounts.  2. Do not enter any values in the required field.  3. Click on the update button. | It will require filling in mandatory fields | Show error “ phone is not allowed to be empty ” | Passed |
|  | Check user should Register by filling all the required fields | 1. Displays old information of accounts.  2. Enter valid values into required fields.  3. Click the update button. | It will update data and display a successful update message. | Notice " change info successfully! " and change account information in the database | Passed |
|  | Phone Number validation | Check the phone number that the first two numbers are Vietnam's phone numbers | 1. Displays old information of accounts.  2. change the number with 10 numbers that start with 03, 05, 07, 08, 09.  2. Enter valid data into required fields  3. Click on the update Button. | It will successfully update and display a successful update message. | Notice " change info successfully! " and change account information in the database | Passed |
|  | Check the phone number that the first two numbers are not the phone number of Vietnam | 1. Displays old information of accounts.  2. Change the number with other numbers 03, 05, 07, 08, 09 contains enough 10 numbers  3. Enter valid data into required fields  4. Click on the update Button. | Notice of invalid phone numbers | Show error “Incorrect Phone Format, Ex: 0906246555” | Passed |
|  | Check out other phone numbers with 10 numbers | 1. Displays old information of accounts.  2. Enter the number of other lengths of 10 starting the number of 2 numbers of phone numbers Vietnam.  3. Enter valid data into required fields.  4. Click on the update Button. | It will show the phone number error message | Show error “Incorrect Phone Format, Ex: 0906246555” | Passed |
|  | DOB  Validation | Check the date format | 1. Displays old information of accounts.  2. Change date format (ex: 15/01/2000)  3. Enter valid data into required fields.  4. Click on the update Button. | It will show the DOB error message | Show “Incorrect date format, Ex: 2000-10-10” | Passed |
|  | Enter the number of years of birth they are over the age of work | 1. Displays old information of accounts.  2. Enter the number of years of birth over 80 years ago.  3. Click on the update Button. | Birth year notice inappropriate | Notice " change info successfully! " and change account information in the database | Failed |
|  | Enter the number of years of birth they are not old enough to work | 1. Displays old information of accounts.  2. Enter the number of years of birth is not enough 18 years ago.  3. Click on the update Button. | Birth year notice inappropriate | Notice " change info successfully! " and change account information in the database | Failed |
|  | Enter Dob people in the age of work | 1. Displays old information of accounts.  2. Enter the number of years of birth from 18 years to 80 years ago from the present  3. Click on the update Button. | It will successfully update and display a successful update message. | Notice " change info successfully! " and change account information in the database | Passed |
|  | Address Validation | Check address length | 1. Displays old information of accounts.  2. Delete and leave a character  3. Click on the update Button. | It is show error | Show error “Address must be more than 10 characters” | Passed |
|  | Check more valid addresses | 1. Displays old information of accounts.  2. Enter valid data in address  3. Click on the add Button. | It will successfully update and display a successful update message. | Notice " change info successfully! " and change account information in the database | Passed |
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Test QA: add categories, delete categories.

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | Check QA Home Page interface | 1. login with QA account  2. view home page and click button, dropdowns | UI should be perfect | Reasonable layout | Passed |
|  | Check dashboard interface | 1. view dashboard page | UI should be perfect | Reasonable layout | Passed |
|  | Check manager category interface | 1. view manager category | UI should be perfect | Reasonable layout | Passed |
|  | Add category | Add category for IT | 1. Click add category  2. choose IT in dropdown  3. Enter Category Name  4. Save | The system will add category of department IT | The system adds to category for IT | Passed |
|  | Add category for graphic design | 1. Click add category  2. choose graphic design in dropdown  3. Enter Category Name  4. Save | The system will add category of department graphic design | The system adds to category for graphic design | Passed |
|  | Add category for business | 1. Click add category  2. choose business in dropdown  3. Enter Category Name  4. Save | The system will add category of department business | The system adds to category for business | Passed |
|  | Add Category already existed | 1. Click add category  2. choose 1 in 3 department name in dropdown  3. Enter Category Name already existed  4. Save | Do not add and notice already available | The system adds to category | Failed |
|  | View category | View category for IT | 1. choose IT in dropdown  2. View list category for IT | Show list category | The system show category for IT | Passed |
|  | category for graphic design | 1. choose graphic design in dropdown  2. View list category for graphic design | Show list category graphic design | The system show category for graphic design | Passed |
|  | category for business | 1. choose business in dropdown  2. View list category for business | Show list category business | The system show category for business | Passed |
|  | Delete category | Delete category for IT | 1. choose IT in dropdown  2. click delete icon | Delete category | The system delete category | Passed |
|  | Delete category for graphic design | 1. choose graphic design in dropdown  2. click delete icon | Delete category | The system delete category | Passed |
|  | Delete category for business | 1. choose business in dropdown  2. click delete icon | Delete category | The system delete category | Passed |

Staff: upload idea

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | Check Staff Home Page interface | 1. login with staff account  2. view home page and click button, dropdowns | UI should be perfect | Reasonable layout | Passed |
|  | Check my idea interface | 1. view dashboard page | UI should be perfect | Reasonable layout | Passed |
|  | Required fields | Check the required fields by not filling | 1. Do not enter any values in the required field.  2. Click on the add button.  7. click checkbox “ Đồng ý với điều khoản & dịch vụ”  8. click save button | Show error fields compulsory filling | Show error “idea Content" is not allowed to be empty  idea Content" is not allowed to be empty “ | Passed |
|  | Check more Idea with the appropriate data fields | 1. click my idea  2. create new idea button  3. Choose department name, category  4. fill Ideas Content  5. upload file pdf  6. click add button  7. click checkbox “ Đồng ý với điều khoản & dịch vụ”  8. click save button | The system will upload IDEA | System show “Created idea successfully” and upload idea | Passed |
|  | Category name | Select DEPARTMENT NAME, the system will show the corresponding categories | 1. choose department name  2. click dropdowns of category | Show the corresponding categories | Can choose the corresponding category by Department Name | Passed |
|  | Ideas file | Check format correct | 1. Choose department name, category  2. fill Ideas Content  3. upload file pdf, dox  4. click add button  5. click checkbox “ Đồng ý với điều khoản & dịch vụ”  6. click save button | System allows Add Idea | System show “Created idea successfully” and upload idea | Passed |
|  | Check format incorrect | 1. Choose department name, category  2. fill Ideas Content  3. upload file exe, png, msi, ppt, mp4,mp3, jpg, …  4. click add button  5. click checkbox “ Đồng ý với điều khoản & dịch vụ”  6. click save button | System show error | Show error “ network error” | Passed |
|  | anonymous | Check upload idea by anonymous | 1. Choose department name, category  2. fill Ideas Content  3. upload file pdf, dox  4. click anonymous.  4. click add button.  5. click checkbox “ Đồng ý với điều khoản & dịch vụ”  6. click save button | Upload idea anonymous | Upload idea anonymous | Passed |

**Sprint 2:**

**Admin: set and edit first closure date & final closure date/ see a list of ideas posted**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | Check Manager closed date interface | 1. login with admin account  2. view manager closure date page | UI should be perfect | Reasonable layout | Passed |
|  | Check creates closure date interface | 1. login with admin account  2. view manager closure date page  3. click add closure date button | UI should be perfect | Reasonable layout  Textbox, dropdowns, Button Operation | Passed |
|  | Required fields | Check the required fields by not filling | 1. Do not enter any values in the First closure date and Final closure date.  2. Click on the create button. | Show error fields compulsory filling | Show error “ Incorrect date format, Ex : 30/03/2022“ | Passed |
|  | Check dropdowns Department Name | 1. click dropdowns department name  2. choose department name | The system will show department name | System show 3 department name “IT, graphic design, business” and choose it | Passed |
|  | Check First closure date | Check First closure date format | 1. choose department name  2. enter First closure date incorrect ex: 05/01/222222  3. enter Final closure date correct  4. click create button | Show error format | Show error “ Incorrect date format, Ex : 30/03/2022“ | Passed |
|  | Check First closure date correct | 1. choose department name  2. enter First closure date correct ex: 05/01/2021  3. enter Final closure date correct ex: 06/02/2022  4. click create button | Create successful closure date | Create successful closure date | Passed |
|  | Check Final closure date | Check format correct | 1. choose department name  2. enter First closure date incorrect ex: 05/01/2021  3. enter Final closure date correct ex: 06/02/2022  4. click create button | Create successful closure date | Create successful closure date and show “add closure date successfully!  “ | Passed |
|  | Check format incorrect | 1. choose department name  2. enter First closure date incorrect ex: 05/01/2021  3. enter Final closure date correct ex: 06/02/2022  4. click create button | Show error format | Show error “ Incorrect date format, Ex : 30/03/2022“ | Passed |
|  | Check First closure date and Final closure date | Check the first closing date took place after the last closing date | 1. choose department name  2. enter First closure date incorrect ex: 05/01/2022  3. enter Final closure date correct ex: 06/02/2021  4. click create button | Show error | Show error “Final date must more than first date!” | Passed |
|  |  |  |  |  |  |  |

**edit first closure date & final closure date and see a list of ideas posted**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | Check see a list of ideas posted | 1. login with admin account  2. view manager closure date page | Show list of ideas | Show List of ideas | Passed |
|  | Check edit closure date interface | 1. login with admin account  2. view manager closure date page  3. click pen icon | UI should be perfect | Reasonable layout  Textbox, dropdowns, Button Operation | Passed |
|  | Check department name | Change department name |

1. Show old data

2. click dropdowns choose other department name

3. click save

|  |  |  |  |
| --- | --- | --- | --- |
|  | Change successful | Update successful and show “Update closure date successfully!” | Passed |
|  | Check First closure date | Check First closure date format | 1. Show old data  2. enter First closure date incorrect ex: 05/01/222222  3. click save button | Show error format | Update successful and show “Update closure date successfully!” | Failed |
|  | Check First closure date correct | 1. Show old data  2. edit First closure date correct ex: 08/01/2021  4. click create button | edit successful closure date | Update successful and show “Update closure date successfully!” | Passed |
|  | Check Final closure date | Check format correct | 1. Show old data  2. edit Final closure date correct ex: 06/02/2022  4. click save button | Create successful closure date | Update successful and show “Update closure date successfully!”  “ | Passed |
|  | Check format incorrect | 1. Show old data  2. enter Final closure date correct ex: 06/02/2022222  3. click save button | Show error format | Update successful and show “Update closure date successfully!”  “ | Failed |
|  | Check First closure date and Final closure date | Check the first closing date took place after the last closing date | 1. Show old data  2. edit First closure date incorrect ex: 05/01/2022  3. edit Final closure date correct ex: 06/02/2021  4. click save button | Show error | Update successful and show “Update closure date successfully!”  “ | Failed |
|  | text into date | Check text into date | 1. Show old data  2. enter text in First closure date and Final closure date  3. click save button | Show error | Show “ firstClosureDate" is not allowed to be empty” and “dd/mm/yyyy” | Passed |

**Test QA: download all ideas**

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | Download idea | Check function download all idea by zip | 1. login QA account  2. click down zip file button | Download All Idea by file zip | Download All Idea by file zip | Passed |
|  | Check function download a idea | 1. choose a idea  2. click “uploads\\*\*\*\*\*” | Download file | Download file | Passed |
|  |  | Check down ideas before final closure date | 1. click down idea button | No down | Show error “No idea to download!” | Passed |
|  |  | Check down ideas after final closure date | 1. click down idea button | Download file | Download file | Passed |

**All role: see all list, like, dislike, read comment, comment**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | See all list | Check list idea | 1. login  2. view list idea in home page | Show list idea | Show list idea | Passed |
|  | Like, dislike | Check like | 1. choose a idea  2. click like | Show like +1 | Show like +1 | Passed |
|  | Check dislike | 1. choose a idea  2. click dislike | Download file | Download file | Passed |
|  | Change like => dislike | 1. choose idea like  2. click dislike | Like -1, dislike +1 | Like -1, dislike +1 | Passed |
|  | Change dislike => like | 1. choose idea dislike  2. click like | Like +1, dislike -1 | Dislike-1, like +1 | Passed |
|  | Quit like | 1. choose idea like  2. click like | Like -1 | Like -1 | Passed |
|  | Quit dislike | 1. choose idea dislike  2. click dislike | Dislike -1 | Dislike -1 | Passed |
|  | comment | Check Comment Before Final Closure Date | 1. choose idea  2. enter comment  3. press enter | Show comment | Show comment with email | Passed |
|  |  | Check Comment after Final Closure Date | 1. choose idea  2. enter comment  3. press enter | No comment | Exit the system | Passed |
|  |  | anonymous | 1. choose idea  2. enter comment  3. click anonymous  4. press enter | Comment with anonymous | Comment with anonymous | Passed |
|  |  | See all comment a idea | 1. choose idea  2. view comment | Show all comment | Show all comment | Passed |

**Test staff: see a list of my idea**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
|  | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
|  | see a list ideas | Check list my idea | 1. login Staff account  2. click my idea | Show Idea list they posted | Show Idea list they posted | Passed |
|  | Check list all idea | 1. click home page | Show Idea list in system | Show Idea list in system | Passed |

**Sprint 3:**

All role: idea filter

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
| 1 | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
| 2 | idea filter | Idea filter change order list idea | 1. login  2. in home page, click dropdowns and choose ex: most like  3. View list Idea changes | Change according to users choose (Most Like, Least Like, ...) | Change according to users choose (Most Like, Least Like, ...) | Passed |

**Staff : static dashboard**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
| 1 | User Interface | Check all the text boxes, buttons, etc | 1. Click on buttons and dropdowns | operating functions | Textbox and Button Operation | Passed |
| 2 | dashboard page | Visit dashboard page | 1. login with QA account  2. click dardboard | Show dashboard page | Show dashboard page | Passed |

Test QAC: get email notifications when an idea is submitted

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
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Test Staff: Get notified if anyone comments on my own ideas

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| --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | What is being tested | How | Expected result | Actual result | Pass/ Fail |
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