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SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGIES
Bachelor of Science in Information Technology
Major in Mobile and Internet Technology

AfterLife
(Management of the Dead and the Missing Person System)

Submitted to:
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In partial fulfillment of the Requirements for Quality Assurance

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MI – 141

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I. Introduction

Quality Assurance is an important part of project making and software development. It ensures that the product to be delivered is or will reach certain standards of the client/users.

This document will serve as a basis to see if the proposed system is functional at all parts and reached the standards of the user who will use the system. It includes the tests that are going to be used in the system, the results of the tests, and the parts that are not going to be tested for quality.

This document gives a view on how the system is functioning now and what areas of the system needs improvement.

- The first section illustrates all the modules that the system contains.
- The second section shows the strategy of the team in testing, it includes the checklist, risks and issues, the items to be tested, the testing approach, criteria for passing and failing tests, and the entry and exit criteria.
- The third section shows all the test cases done.
- The fourth section shows all the results that the team got from all the testing made in the project.

a. Objectives

This Software Quality Assurance (SQA) was created with the following objectives:

- Minimal Defects

One of the primary goals of the SQA is to minimize, if not completely eradicate errors in the system using universally approved steps. Lesser errors will most likely result to smoother flow of the system once produced.

- Customer Satisfaction

Also, a goal of the SQA is to ensure that the customer will be satisfied with the system.

- Well Structured

Not everyone is able to build an application that could be understood well. The SQA ensures that the system is built in an understandable manner.

b. Purpose

This document overviews the quality standards for the Management of the Dead and the Missing Persons System and other project deliverables. These standards are obtained from software requirements, software architecture documents and follow the requirement of the stakeholders.

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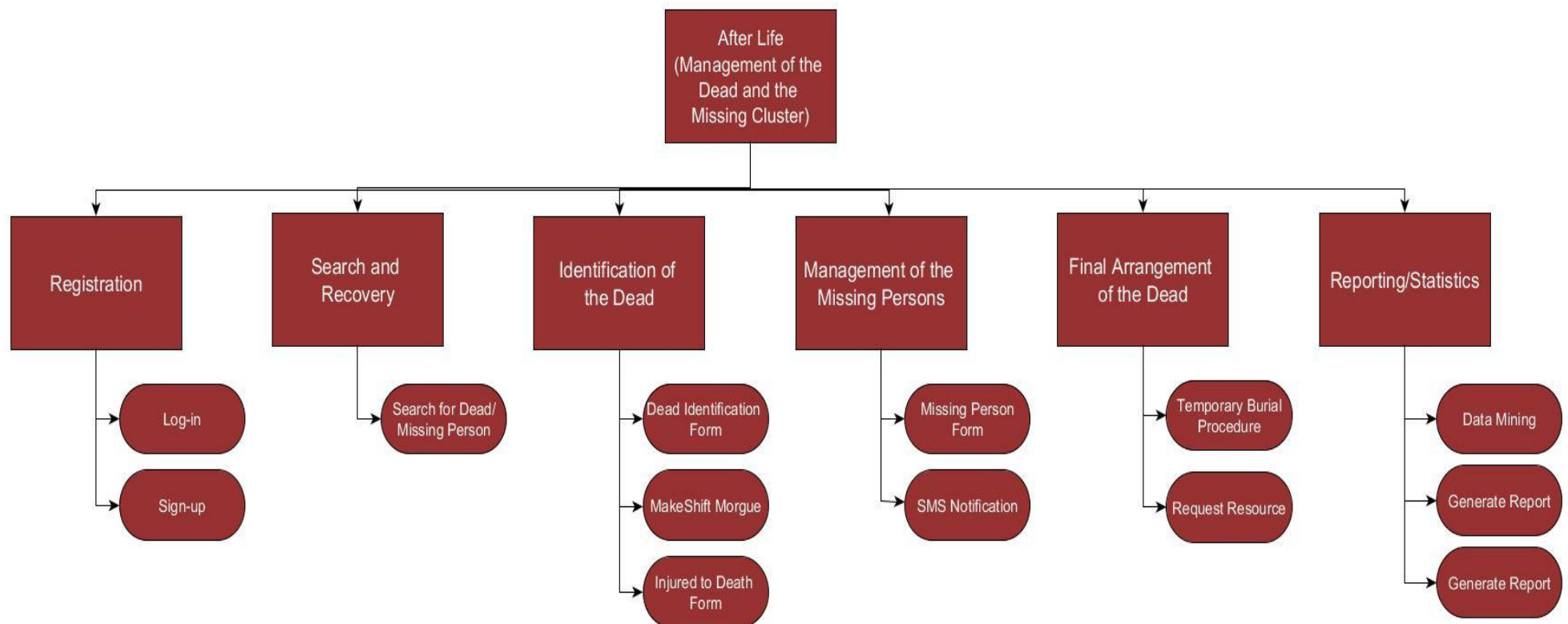
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III. Modules



IV. Test Plan

a. Testing Strategy

Testing for the Management of the Dead and the Missing Persons' System project seeks to accomplish two main goals:

1. Detect failures and defects in the system
2. Detect inconsistency between requirements and implementation

To achieve these goals, the testing strategy for the system will consist of three testing levels. These are unit testing, integration testing, and acceptance testing. The following subsections outline these testing levels, which development team roles are responsible for developing and executing them, and criteria for determining their completeness.

b. Test Checklist

Web Application

APPLICATION QUALITY ASSURANCE CHECKLIST					
Application Name:	Management of the Dead and the Missing Persons' System				
Project Manager:	Hannah Mae E. Reyes				
Date Completed:					
Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	Functionality				
1.1	Links				
1.1.1	Are all link takes you to the page it said it would?				
1.1.2	Is it ensure that there are no orphan pages (a page that has no links to it)?				
1.1.3	Are all referenced web sites or email addresses hyperlinked?				
1.1.4	Are all mail to links reaches the right recipient?				
1.2	Forms				
1.2.1	Is all acceptance of invalid input correct?				
1.2.2	Does all mandatory fields return an error when you don't have an input?				
1.2.3	Is there an error when you input longer than field allows?				

1.2.4	Are all radio buttons working?				
1.2.5	Is all the data inside combo/list box are arranged in chronological order?				
1.2.6	Are all the parts of a table or form present? Correctly laid out? Can you confirm that selected texts are in the right place?				
1.2.7	Are the functionality of buttons available on all pages?				
1.2.8	Does a scrollbar appear if required?				
1.3	Image Upload Functionality				
1.3.1	Are the image upload functionality with image files has different extensions (e.g. JPEG, PNG, BMP etc.)?				
1.3.2	When the user upload with image size greater than the max allowed size, are there any proper error message displayed?				
1.3.3	When the user upload image functionality with file types other than images (e.g. txt, doc, pdf, exe etc.), are there any proper error message displayed?				
1.3.4	Can user able to use/view the uploaded images?				
2	Application Specific Functional Requirements				
2.1.	Data Integration				
2.1.1.	Does the system misbehaves when there is an invalid input?				
2.2	Date Field Checks				
2.2.1	Can the user see the previous dates?				
2.2.2	Can the user see future dates?				
2.2.3	Is the current date correct?				
2.3	Numeric Fields				
2.3.1	Are the lowest and highest values are handled correctly?				
2.4	Alphanumeric Field Checks				
2.4.1	Are all invalid characters & symbols included?				
2.4.2	Are all valid characters included?				

3	Error Handling			
3.1	Error Handling			
3.1.1	If we lose our Internet connection does the transaction cancel?			
3.1.2	Does the application handle all the errors that could reasonably be expected to occur?			
3.1.3	Do the error messages contain minimal but meaningful information?			
3.1.4	Does the application avoid displaying system information in error messages?			
3.1.5	Are the error messages kept in a single location?			
4	Compatibility			
4.1	Browsers			
4.1.1	Is the HTML version being used compatible with appropriate browser versions?			
4.1.2	Do images display correctly with browsers under test?			
4.1.3	Does the fonts are usable on any of the browsers?			
4.1.4	Is Java Code/Scripts usable by the browsers under test?			
4.2	Audience			
4.2.1	Is the application compatible with the audience experience level?			
4.2.2	Where possible, has the audience readiness been ensured?			
4.2.3	Are text version and/or upgrade links present?			
4.3	Testing Process			
4.3.1	Is the testing environment compatible with the operating systems of the audience?			
5	Usability			
5.1	Navigation			
5.1.1	Is the flow to destination (page to page) logical?			

5.1.2	Is the flow to destination the page top-bottom left to, right?				
5.1.3	Is there a logical way to return?				
5.1.4	Is navigation can be easily learned?				
5.1.5	Is navigation available when needed (especially when the user is finished doing something)?				
5.1.6	Is redundant navigation is avoided?				
5.2	Ease of Use				
5.2.1	Is there minimal scrolling and resizable screens?				
5.2.2	Do menus load first?				
5.2.3	Are messages understandable?				
5.2.4	Are confirmation messages available as appropriate?				
6	Operating System Environment/Platform				
6.1	Has the operating environments and platforms been defined?				
6.2	Have audience expectations been properly managed?				
6.3	Have the business users/marketing been adequately prepared for what will be tested?				
7	Hardware				
7.1	Is the test hardware compatible with all screen types, sizes, resolution of the audience?				
7.2	Is the test hardware compatible with all databases of the audience?				
8	Performance				
8.1	Architecture				
8.1.1	Has the database capacity been identified?				
8.1.2	Has the current system diagram been developed?				
8.1.3	Have the types of programming languages been identified?				
9	Correctness				
9.1	Data				

9.1.1	Does the application write to the database properly?				
9.1.2	Does the application record from the database correctly?				
9.1.3	Are text fields storing information correctly?				
9.2	Presentation				
9.2.1	Are the field data properly displayed?				
9.2.2	Is the spelling correct?				
9.2.3	Do the interfaces meet current GUI standards?				
10	Tables				
10.1	Does the user constantly scroll to the right to see items in a table?				
10.2	Do tables print out properly?				
11	General				
11.1	Does the system do what it is intended to do?				
11.2	Does it provide the correct results?				
11.3	Does the system provide all the functions and features expected?				
11.4	Is it easy to learn and use?				
11.5	Can the system easily be modified or fixed?				
11.6	Can the system be validated to prove it works in an acceptable manner?				
11.7	Can some of the components be re-used in other systems?				
11.8	Can the system be quickly and easily installed on a variety of platforms by a variety of users?				
11.9	Is the application compatible with standards and conventions of the audience?				

Database Design

APPLICATION QUALITY ASSURANCE CHECKLIST	
Application Name:	Management of the Dead and the Missing Persons' System
Project Manager:	Hannah Mae E. Reyes
Date Completed:	

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	Backend				
1.1	Have the database tables been normalized?				
1.2	Are keys based on sequence numbers have unique sequences?				
1.3	Are all keys and required fields set to 'not null' in all tables of the database?				
1.4	Are the delete functionality for any record on page ask for confirmation?				
1.5	Does the Select/deselect all records options provided if page supports record add/delete/update functionality?				
1.6	Are the correct data is getting saved in database upon successful page submit?				
1.7	Does the data is committed to database only when the operation is successfully completed?				
1.8	Are all database fields are designed with correct data type and data length?				
1.9	Are all table constraints like Primary key, Foreign key etc. are implemented correctly?				

User Interface

APPLICATION QUALITY ASSURANCE CHECKLIST	
Application Name:	Management of the Dead and the Missing Persons' System
Project Manager:	Hannah Mae E. Reyes
Date Completed:	

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	User Interface				
1.1	Colors				
1.1.1	Are hyperlink colors standard?				
1.1.2	Are the field backgrounds the correct color?				
1.1.3	Are the field prompts the correct color?				
1.1.4	Are all the buttons are in standard format and size?				
1.1.5	Is the general screen background the correct color?				
1.1.6	Is the page background (color) distraction free?				
1.2	Content				
1.2.1	Are all fonts same?				
1.2.2	Are all the screen prompts specified in the correct screen font?				
1.2.3	Does content remain if you need to go back to a previous page, or if you move forward to another new page?				
1.2.4	Are all fields on page (e.g. text box, radio options, dropdown lists) aligned properly?				
1.2.5	Is all text properly aligned?				
1.2.6	Is the text in all fields specified in the correct screen font?				
1.2.7	Is all the heading are left aligned?				
1.2.8	Does the first letter of the second word appears in lowercase?				
1.3	Images				

1.3.1	Are all graphics properly aligned?				
1.3.2	Are all command buttons being all similar size and shape, and same font & font size?				
1.4	Instructions				
1.4.1	Is all the error message text spelt correctly on this screen?				
1.4.2	Is micro help text (i.e. tool tip) for every enabled field & button?				
1.4.3	Is all the micro-help text (i.e. tool tip) spelt correctly on this screen?				
1.5	Navigation				
1.5.1	Are all disabled fields avoided in the TAB sequence?				
1.5.2	Are all read-only fields avoided in the TAB sequence?				
1.5.3	Does a scrollbar appear if required?				
1.5.4	Is there a link to home on every single page?				
1.6	Usability				
1.6.1	Are fonts too large or too small to read?				
1.6.2	Are names in command button & option box names are not abbreviations?				
1.6.3	Are all option boxes, option buttons, and command buttons are logically grouped together in clearly demarcated areas "Group Box"?				
1.6.4	Can the typical user run the system without frustration?				
1.6.5	Does the site have a consistent, clearly recognizable "look-&-feel"?				
1.6.6	Does the system provide or facilitate customer service? i.e. responsive, helpful, accurate?				
1.6.7	Is all terminology understandable for all the site's intended users?				
1.7	Forms				

1.7.1	Are all mandatory fields validated and indicated by asterisk (*) symbol?				
1.7.2	Are all dropdown fields have first entry as blank or text like 'Select'?				

Security

APPLICATION QUALITY ASSURANCE CHECKLIST					
Application Name:	Management of the Dead and the Missing Persons' System				
Project Manager:	Hannah Mae E. Reyes				
Date Completed:					

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	Password				
1.1	Does the system have functionality to allow the user to revise their password?				
1.2	Does the system support protected storage of passwords with privileged user access?				
1.3	Does the system meet the standard password requirements?				
1.4	Are the password and other sensitive fields masked while typing?				
1.5	Are there any test password security and password policy enforcement?				
2	Function				
2.1	Does the application logout functionality works properly?				
3	Error Handling				

3.1	Are all error messages not reveal any sensitive information?				
4	Access Control				
4.1	Is there a defined standard for login names/passwords?				
4.2	Are users locked out after a given number of password failures?				
4.3	Is there a link for help (e.g., forgotten passwords?)				
4.4	Have authorization levels been defined?				
5	Privacy				
5.1	Is sensitive data restricted to be viewed by unauthorized users?				
5.2	Is proprietary content copyrighted?				
5.3	Is the privacy policy communicated to users and customers?				
6	Data Security				
6.1	Are data access privileges identified? (e.g., read, write, update and query)				
6.2	Have file permissions been established?				
6.3	Have file permissions been tested?				

Search for Dead/Missing Person

APPLICATION QUALITY ASSURANCE CHECKLIST			
Application Name:	Management of the Dead and the Missing Persons' System	Date Completed:	
Project Manager:	Hannah Mae E. Reyes	Module:	Search and Recovery
Sub Module:	Search for Dead/Missing Person		

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	Filtering				
1.1	Can the user able to filter results using all parameters on the page?				
1.2	Does the refine search functionality load search page with all user selected search parameters?				
1.3	Are there at least one filter criteria required to perform search operation?				
1.4	Are there at least one filter criteria selection is not compulsory and user should be able to submit page and default search criteria should get used to query results?				
2	Search Capabilities				
2.1	Is a search feature appears on every page (exceptions include pop-up forms and the like)?				

Log-in

APPLICATION QUALITY ASSURANCE CHECKLIST			
Application Name:	Management of the Dead and the Missing Persons' System	Date Completed:	
Project Manager:	Hannah Mae E. Reyes	Module:	Registration
Sub Module:	Log-in		

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	User Interface				
1.1	Does enter key works as a substitute for the sign in button action?				
1.2	Does username and password text field appear in order?				
1.3	Does remember me check box selected by default?				
1.4	Does the login page has register link for new users?				
1.5	Does the user interface look as per the design specification?				
2	Functionality				
2.1	Does the login form works successfully?				
2.2	Are logout link redirects back to the login screen? Is logout link functional?				
2.3	Does forgot password link works? Does it redirect to valid password recovery page?				
2.4	Do forward and backward buttons work properly while logged in? and for logged out user?				
2.5	Does form work similar in every popular browser?				

3	Security				
3.1	Does textbox offer masking of characters in password field?				
3.2	Does masked characters allow deciphering if copied?				
3.3	Is it possible to copy and paste the password?				
3.5	Is the form giving away security information if the source is viewed?				
3.6	Does form allows accessing pages without logging in?				
3.7	Are cookies allowed? are they disabled or allowed to be edited?				

Sign-up

APPLICATION QUALITY ASSURANCE CHECKLIST			
Application Name:	Management of the Dead and the Missing Persons' System	Date Completed:	
Project Manager:	Hannah Mae E. Reyes	Module:	Registration
Sub Module:	Sign-Up		

Item No.	Validation Questions	Yes	No	N.A.	Remarks
1	User Interface				
1.1	Does enter key works as a substitute for the sign-up button action?				
1.2	Does the sign-up text fields appear in order?				
1.3	Does the sign-up page has log in link for user who has an account?				
1.4	Does the user interface look as per the design specification?				
2	Functionality				
2.1	Does the sign-up form works successfully?				
2.2	Does the data gathered in sign-up form stores in database?				
2.3	Does form work similar in every popular browser?				
3	Security				
3.1	Does textbox offer masking of characters in password field?				
3.2	Does masked characters allow deciphering if copied?				
3.3	Is it possible to copy and paste the password?				
3.4	Is there any minimum password length?				
3.5	Is the form giving away security information if the source is viewed?				

c. Test Risks/Issues

- **Internet Connection**

The forms used in the system are reliant on internet connection to work. Losing the connection will make the forms unusable. Sending a request also needs internet connection to work.

- **Search Module**

There is a possibility that the system will return no results after a search query because of a wrong filter chosen by the user.

- **Location Detection**

The maps used to determine the location of a person in the forms uses the Google Maps API, which means not all places are recorded on the maps. There might be instances where the location of a person is not recognizable by the maps.

- **Storage Capacity**

The forms have their own separate storages to store data besides the database that the system is using. These storages are limited to a certain number of submissions

d. Items to be tested

This table contains all the modules that are going to be tested by the SQA Team, along with the description on what the test would do, when it is going to be tested, who are the people responsible for the testing.

Module	Test Description	Test Date	Responsibility
Log-in	Determine if the system can log the user in if user gives valid account credentials	4/10/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes
Sign-up	The user is able to create an account with correct information	4/11/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes
Search for Dead and Missing Person	The system is able to return results of people based on what the user has searched	4/12/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes
Dead Identification Form	The user is able to submit information about a dead person through the form	4/13/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes
Missing Person Form	The user is able to submit information about a missing person through the form	4/13/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes
Request Resources	The admin is able to successfully send a request for resources	4/14/2017	Kyle Vincent Valoria Lee Hannah Mae Escobal Reyes

e. Test Approach

This table elaborates how each module are going to be tested. Different modules have different ways of determining if it passed quality standards or not. It is stated in this table how the testers will test a certain module.

Module	Test Approach
Log-in	To test the log-in module, the testers will first try to log-in using an invalid account, the system should then detect that the account is invalid. After that, the testers will try to log-in using a valid account, the system should then be able to log the user in
Sign-up	To test the sign-up module, the testers will try to fill-up the sign-up form but leaving some fields blank, the system should then not allow the user to sign-up and will return an error. After that, the testers will complete the fields and press sign-up, the system then should register the user and redirect to home page. Additionally, the admin should see the newly registered user in user list.
Search for Dead and Missing Person	The testers will first search a non-existing person by putting in queries that does not belong to any person, the system should not return any results. After that, the testers will search using a valid query and the system should return all the people that fits into the category.
Dead Identification Form	The testers will fill-up the form and leave some required fiels blank, the system should then return an error that a required field was left blank. The testers will then fill up all required fields and submit the form, the system should then redirect to a page confirming that the form was submitted. Additionally, the admin should see the newly submitted information in the tables.
Missing Person Form	The testers will fill-up the form and leave some required fiels blank, the system should then return an error that a required field was left blank. The testers will then fill up all required fields and submit the form, the system should then redirect to a page confirming that the form was submitted. Additionally, the admin should see the newly submitted information in the tables.
Request Resources	The testers will click the button that is supposed to send the request to the right person, the person whom the request is sent to should receive and see the request.

f. Test Pass/Fail Criteria

The criteria for passing or failing a test is stated in this table. A module will only pass if it meets the criteria stated in the table, and fail if otherwise.

Module	Pass Criteria	Fail Criteria
Log-in	User was able to log-in into system using a registered account	User can't log-in into system even with valid account credentials
Sign-up	User was able to sign-up and log-in the account and admin can see the account on the accounts list	New user wasn't going through to the database and user can't sign-up and login the account
Search for Dead and Missing Person	System was able to show all results based on what the user searched	System wasn't showing any person in list given that the user has already entered a search query
Dead Identification Form	System was able to record the information of the person in the database	System can't record the data being submitted into the database
Missing Person Form	System was able to record the information of the person in the database	System can't record the data being submitted into the database
Request Resources	System was able to send a request for resources	System can't send out a request for resources

g. Test Entry/Exit Criteria

This table states what will be the entry point and exit point of a module. Taking the first module as an example, the user will only enter the Log-in module once a username and password is entered, then he/she will only exit the module once logged-in and redirected to the home page.

Module	Entry Criteria	Exit Criteria
Log-in	User enters a registered username and password	User is logged-in into the system and redirect to home screen
Sign-up	User fills up all required fields with correct information	Successful account creation
Search for Dead and Missing Person	User inputs search query in the search bar	List of people shows based on what the user has searched
Dead Identification Form	User fills up all required fields with correct information	Successful submission of data and redirect to confirmation page
Missing Person Form	User fills up all required fields with correct information	Successful submission of data and redirect to confirmation page
Request Resource	Admin encodes email for request	System was able to send the mail to proper recipient

h. Test Cases

Log-in

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Registration
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	R-002	Test Title:	Verify Login
Test Priority:	Medium	Test Description:	Test the login system by entering a valid username and password.

Pre-conditions:	User should have an account with valid username and password.
Assumption:	A supported browser is being used.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/ Corrective Action
1	Navigate to the login page		The login page will show.	The login page showed.	Pass	
2	In the username field, enter the username of the registered user	Email address: hereyes	The email field should be filled with a valid username.	The username field is filled	Pass	
3	Enter the password of the registered user.	Password: 12345	The password field should be filled with password data.	The password field is filled.	Pass	

4	Click "Login" Button		After clicking the Login button, the user should be directed to the home page of the application.	The user is directed to the home page of the application.	Pass	
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Post-condition:	User is validated with database and successfully login to account. The account session details are logged in database.
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Sign-up

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Registration
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	R-001	Test Title:	Sign Up
Test Priority:	Medium	Test Description:	Test the signup system by entering valid information.

Pre-conditions:	The user should know his/her valid information before creating an account.
Assumption:	A supported browser is being used.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/ Corrective Action
1	Navigate to sign-up page		The sign-up page will show	The sign-up page showed	Pass	

2	In the first field, user inputs first name	First Name: Jon	The field returns an error if left blank	The field returns an error when left blank	Pass	
3	In the second field, user inputs middle name	Middle Name: Rodriguez	The field returns an error if left blank	The field returns an error when left blank	Pass	
4	In the third field, user inputs last name	Last Name: Gomez	The field returns an error if left blank	The field returns an error when left blank	Pass	
5	In the fourth field, user inputs username	Username: jrgomez	The field returns an error if left blank	The field returns an error when left blank	Pass	
6	In the fifth field, user selects gender	Gender: Male/Female	The field returns an error if user does not select anything	The field returns an error when user didn't select anything	Pass	
7	In the sixth field, user inputs birth date	Birthday: 01/14/1998	The field returns an error if left blank	The field returns an error when left blank	Pass	
8	In the seventh field, user inputs age	Age: 19	The field returns an error if left blank	The field returns an error when left blank	Pass	

9	In the eight field, user inputs phone number	Phone No.: 09123456789	The field returns an error if left blank	The field returns an error when left blank	Pass	
10	In the ninth field, user inputs address	Address: 2431 M. dela Cruz St., Pasay City	The field returns an error if left blank	The field returns an error when left blank	Pass	
11	In the tenth field, user inputs email address	Email: jrgomez@gmail.com	The field returns an error if left blank	The field returns an error when left blank	Pass	
12	In the last field, user inputs password	Password: 123456	The field returns an error if left blank	The field returns an error when left blank	Pass	
13	User clicks "signup" button		The system will check if all fields are filled and will automatically login user if signup is successful	System logs in user when signup is successful	Pass	

Post-condition:	User already have an account in the database.
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Search for Dead

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Search and Recovery
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	SR-001	Test Title:	Search for Dead Person
Test Priority:	High	Test Description:	Searching of dead person's information in the search bar with filter options

Pre-conditions:	There should be a dead person information in the database.
Assumption:	Search bar is functioning.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/ Corrective Action
1	Navigate to "Dead List" Page		The "Dead List" Page will show up	The "Dead List" page showed	Pass	
2	Select filter in dropdown	By Upper Garment, By Lower Garment, By Skin Color	Dropdown list should contain choices that user can use to filter their search	Dropdown list worked	Pass	

3	Enter search item in the search bar	Polo Shirt, Shirt, Pants, Orange Eyewear, Long Hair	System should be able to return the list of missing people that fits the searched item	System able to return the list of missing people that fits the searched item	Pass	
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Post-condition:	Dead person's information must display.
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Search for Missing

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Search and Recovery
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	SR-002	Test Title:	Search for Missing Person
Test Priority:	High	Test Description:	Searching of dead person's information in the search bar with filter options

Pre-conditions:	There should be a missing person information in the database.
Assumption:	Search bar is functioning.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/ Corrective Action
1	Navigate to "Missing List" Page		The "Missing List" Page will show up	The "Missing List" page showed	Pass	

2	Select filter in dropdown	By Upper Garment, By Lower Garment, By Skin Color	Dropdown list should contain choices that user can use to filter their search	Dropdown list worked	Pass	
3	Enter search item in the search bar	Polo Shirt, Shirt, Pants, Orange Eyewear, Long Hair	System should be able to return the list of missing people that fits the searched item			

Post-condition:	Missing person's information must display.
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Dead Identification Form

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Identification of the Dead
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	IDF-001	Test Title:	Dead Identification Form
Test Priority:	High	Test Description:	Test the dead identification form by entering valid set of data.

Pre-conditions:	There should be an information of dead body.
Assumption:	A dead identification form is being used.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/Corrective Action
1	Navigate to "Dead Identification Form" Page		Redirect to "Dead Identification Form" Page	System redirected to "Dead Identification Form" Page	Pass	
2	Select "General Condition"	Complete Body, Incomplete, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
3	Select "Body Condition"	Decomposed, Well preserved, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	

4	Select "Apparent Sex"	Male, Female, Undetermined	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
5	Select "Age Group"	Infant, Child, Adult, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
6	Select "Height"	Short, Tall, Average	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
7	Select "Weight"	Slim, Average, Obese	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
8	Select "Hair Length"	Bald, Short, Medium, Long	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
9	Select "Hair Color"	Black, Blonde, etc.	User should be able to pick from a dropdown list; this field should disappear if hair length is bald	Dropdown list worked and user was able to pick a choice; field disappeared when selected hair length is bald	Pass	
10	Select "Facial Hair Type"	Mustache, Beard, None	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
11	Select "Facial Hair Length"	Short, Medium, Long	User should be able to pick from a dropdown list; this field should disappear if facial hair type is none	Dropdown list worked and user was able to pick a choice; field disappeared when selected facial hair type is none	Pass	

12	Select "Facial Hair Color"	Black, Blonde, etc.	User should be able to pick from a dropdown list; this field should disappear if facial hair type is none	Dropdown list worked and user was able to pick a choice; field disappeared when selected facial hair type is none	Pass	
13	Select what skin marks does person have	Scars, Tattoos, Birthmarks, Moles	User should be able to pick one or many choices and skin mark location choices should appear when a choice is selected	User was able to select from choices and skin mark location choices appeared	Pass	
14	Clicks "Next" button		Form should return an error if there is a required field left blank and transition to next part if complete	Form transitions to next part when all required fields are filled and returns an error if not	Pass	
15	Select "Upper Garment"	Shirt, Polo Shirt, etc.	User should be able to pick from a dropdown list and color fields should show when choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when a choice is picked	Pass	
16	Select "Lower Garment"	Jeans, Shorts, etc.	User should be able to pick from a dropdown list and color fields should show when choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when a choice is picked	Pass	

17	Select "Footwear"	Sandals, Shoes, Slippers, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
18	Select "Eyewear"	Contact Lens, Glasses	User should be able to pick from a dropdown list and color fields should show when either choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when either choice is picked	Pass	
19	Clicks "Next" button		Form should return an error if there is a required field left blank and transition to next part if complete	Form transitions to next part when all required fields are filled and returns an error if not	Pass	
20	User selects if to "Upload Picture" or "Take a Picture"	Picture	System should be able to access camera if take a picture is picked and user should be able to upload a picture if upload a picture is picked	User was able to upload a picture and/or take a picture	Pass	

Post-condition:	The form should be finished and submitted. The information in the form is submitted in the database.
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Missing Person Form

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Management of the Missing Persons
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	MMP-001	Test Title:	Missing Person Form
Test Priority:	High	Test Description:	Test the missing person form by entering valid set of data.

Pre-conditions:	There should be an information of missing person.
Assumption:	A missing person form is being used.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Notes
1	Navigate to "Missing Person Form"		System will redirect to "Missing Person Form" Page	System redirected to "Missing Person Form" Page	Pass	
2	Click "Select Image" button	Sample Picture	User should be able to select a picture to upload	User was able to select picture	Pass	
3	Fill up name fields	Sample Name	User should be able to input name	User was able to input name	Pass	
4	Fill up address field	Sample Address	User should be able to input address	User was able to input address	Pass	
5	Select "Marital Status"	Single, Married, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	

6	Select "Sex"	Male, Female	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
7	Select "Date of Birth of Missing Person"	1/14/1998	User should be able to either pick a date from date picker or input date in fields	Date picker is working and user can also input date in fields	Pass	
8	Fill up "Age"	19	Field should be automatically computed and filled based on birth date	Field was automatically computed and field	Pass	
9	Fill "Occupation"	Student, Carpenter, Doctor, etc.	User should be able to input occupation	User was able to input occupation	Pass	
10	Clicks "Next" button		Form should return an error if there is a required field left blank and transition to next part if complete	Form transitions to next part when all required fields are filled and returns an error if not	Pass	
11	Select "Date and Time of Disappearance"	1/15/2017 10:10:10 AM	User should be able to either pick a date from date picker or input date in fields	Date picker is working and user can also input date in fields	Pass	
12	Select or input "Place where person is last seen"	Makati City	User should be able to move the marker using the map to pinpoint location or input address	User was able to move marker on the map and/or input address	Pass	

13	Select "Relationship with Person"	Father, Mother, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
14	Clicks "Next" button		Form should return an error if there is a required field left blank and transition to next part if complete	Form transitions to next part when all required fields are filled and returns an error if not	Pass	
15	Select "Height"	Short, Average, Tall	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
16	Select "Weight"	Slim, Average, Obese	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
17	Select "Eye Color"	Brown, Blue, Green, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
18	Select "Hair Length"	Bald, Short, Medium, Long	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
19	Select "Hair Color"	Black, Blonde, etc.	User should be able to pick from a dropdown list; this field should disappear if hair length is bald	Dropdown list worked and user was able to pick a choice; field disappeared when hair length selected is bald	Pass	
20	Select "Facial Hair Type"	Mustache, Beard	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	

21	Select "Facial Hair Color"	Black, Blonde, etc.	User should be able to pick from a dropdown list; this field should disappear if facial hair type is none	Dropdown list worked and user was able to pick a choice; field disappeared when facial hair type selected is none	Pass	
22	Select "Facial Hair Length"	Short, Medium, Long	User should be able to pick from a dropdown list; this field should disappear if facial hair type is none	Dropdown list worked and user was able to pick a choice; field disappeared when facial hair type selected is none	Pass	
23	Select "Shape of Ears"	Round, Pointed, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
24	Select "Eyebrows"	Thin, Thick, Other	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
25	Select "Nose"	Small, Average, Large	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
26	Select "Hands"	Small, Average, Large	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
27	Select "Feet"	Small, Average, Large	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	

28	Select what skin marks does person have	Scars, Tattoos, Birthmarks, Moles	User should be able to pick one or many choices and skin mark location choices should appear when a choice is selected	User was able to select from choices and skin mark location choices appeared	Pass	
29	Select "Upper Garment"	Shirt, Polo Shirt, etc.	User should be able to pick from a dropdown list and color fields should show when choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when a choice is picked	Pass	
30	Select "Lower Garment"	Shorts, Jeans, etc.	User should be able to pick from a dropdown list and color fields should show when choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when a choice is picked	Pass	
31	Select "Footwear"	Sandals, Shoes, Slippers, etc.	User should be able to pick from a dropdown list	Dropdown list worked and user was able to pick a choice	Pass	
32	Select "Eyewear"	Contact Lens, Glasses	User should be able to pick from a dropdown list and color fields should show when either choice is picked	Dropdown list worked and user was able to pick a choice and color choice showed when either choice is picked	Pass	

32	Click "Submit"		System should show confirmation page and form should be able to submit data into database assuming all fields are filled.	System showed confirmation page and data was submitted to database	Pass	
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Post-condition:	The form should be finished and submitted. The information in the form is submitted in the database.
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Request Resource

Project Name:	Management of the Dead and the Missing Persons System	Module Name:	Final Arrangement of Dead
Test Designed by:	Kyle Vincent V. Lee	Test Designed date:	4/14/17
Test Executed by:	Hannah Mae E. Reyes	Test Execution date:	
Test ID:	RR-001	Test Title:	Request Resource
Test Priority:	Medium	Test Description:	Test by clicking the button to be able to send an email

Pre-conditions:	The e-mail must be properly composed.
Assumption:	The request resource button is functioning.

Step	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Remarks/ Corrective Action
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1	Navigate to "Dead Posts" in backend		The "Dead Posts" page will show	The "Dead Posts" page showed	Pass	
2	Click "Request for Resources" button	E-mail	System should be able to send an email to right person and should return a confirmation that the email was sent	System was able to send email to person but was not able to show confirmation to sender	Fail	Add confirmation text that the email was sent

Post-condition:	The recipient should receive the e-mail.
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i. Number of Items Tested

Number of Pass Tests

Module	Tests							Total Passed Test	Total No. of Test
	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7		
Log-in	14	15	20	20	20	20	20	129	140
Sign-up	13	15	20	20	20	20	20	128	140
Search for Dead and Missing Person	13	15	15	18	18	20	20	119	140
Dead Identification Form	14	15	16	15	20	20	20	120	140
Missing Person Form	13	14	15	17	20	20	20	119	140
Request Resource	15	17	20	20	20	20	20	132	140

Number of Fail Tests

Module	Tests							Total Passed Test	Total No. of Test
	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7		
Log-in	6	5	0	0	0	0	0	11	140
Sign-up	7	5	0	0	0	0	0	12	140
Search for Dead and Missing Person	7	5	5	2	2	0	0	21	140
Dead Identification Form	6	5	4	5	0	0	0	20	140
Missing Person Form	7	6	5	3	0	0	0	21	140
Request Resource	5	3	0	0	0	0	0	8	140

j. Test Ratings

Test Ratings are percentages computed to see what percent of the tests passed and what percent of the tests failed. Modules that have reached 85% and above rating is considered a pass.

Pass Rate

This table shows how many percent of the tests have passed.

Module	Tests							Overall Rate
	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	
Log-in	70%	75%	100%	100%	100%	100%	100%	92.14%
Sign-up	65%	75%	100%	100%	100%	100%	100%	91.43%
Search for Dead and Missing Person	65%	75%	75%	90%	90%	100%	100%	85.00%
Dead Identification Form	70%	75%	80%	75%	100%	100%	100%	85.71%
Missing Person Form	65%	70%	75%	85%	100%	100%	100%	85.00%
Request Resources	75%	85%	100%	100%	100%	100%	100%	94.29%

Defect Rate

This table shows how many percent of the tests failed.

Module	Tests							Overall Rate
	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	
Log-in	30%	35%	0%	0%	0%	0%	0%	7.86%
Sign-up	35%	25%	0%	0%	0%	0%	0%	8.57%
Search for Dead and Missing Person	35%	25%	25%	10%	10%	0%	0%	15.00%
Dead Identification Form	30%	25%	20%	25%	0%	0%	0%	14.29%
Missing Person Form	35%	30%	25%	15%	0%	0%	0%	15.00%
Request Resource	25%	15%	0%	0%	0%	0%	0%	5.71%

k. Test Results

Overall Results

Module	Expected Outcome	Actual Result	Pass Fail
Log-in	The user can login using registered username and password	The user was logged in using registered username and password	Pass
Sign-up	The user is able to create an account with correct information	The user was able to signup when correct information is given	Pass
Search for Dead and Missing Person	The system is able to return results of people based on what the user has searched	The user was able to show lists of people based on what the user searched	Pass
Dead Identification Form	The user is able to submit information about a dead person through the form	The user is able to submit information about a dead person and is being recorded in the database	Pass
Missing Person Form	The user is able to submit information about a missing person through the form	The user is able to submit information about a missing person and is being recorded in the database	Pass
Request Resource	The admin is able to successfully send a request for resources	The admin was able to send a request for resources	Pass

V. Appendices

Appendix 1: Curriculum Vitae

KYLE VINCENT VALORIA LEE

2431 M. dela Cruz St. Brgy. 127, Pasay City
kylee@student.apc.edu.ph
09985707995



EDUCATION

June 2014 - Present Asia Pacific College
#3 Humabon Place, Magallanes, Makati City
Bachelor of Science in Information Technology
Major in Mobile and Internet Technology

June 2010 – March 2014 San Isidro National High School
Borneo St., Brgy. San Isidro, Makati City

June 2004- March 2010 Hen. Pio del Pilar Elementary School
P. Binay St. Brgy. Pio del Pilar, Makati City

ORGANIZATIONS

2016 Junior Philippine Computer Society
Events Committee

2016 Microsoft Community
Assistant Events Head

2016 Junior Information Systems Security Association
Member

RESEARCH PROJECT

The Common Motivators to Prevent Tardiness among
College Student in Asia Pacific College, A.Y. 2015 - 2016
Caranto, E. B., Lee, K. V. & Reyes, H. E.

PERSONAL DATA

January 14, 1998
Makati City
Tagalog
Single

HANNAH MAE ESCOBAL REYES

4 Lanzas St., Brgy. Rizal, Makati City
hannahreyes54@gmail.com
09163000820



EDUCATION

June 2014 – Present

Asia Pacific College
#3 Humabon Place, Magallanes, Makati City
Bachelor of Science in Information Technology
Major in Mobile and Internet Technology

June 2010 – March 2014

Benigno "Ninoy" S. Aquino High School
Aguho St. Comembo, Makati City

June 2004 – March 2010

Rizal Elementary School
Milkweed St., Brgy. Rizal, Makati City

ORGANIZATIONS

2016

Campus Ministry
Member

2016

Junior Information Systems Security Association
Member

2016

Microsoft Community
Member

2016

Junior Philippine Computer Society
Member

RESEARCH PROJECT

The Common Motivators to Prevent Tardiness among
College Student in Asia Pacific College, A.Y. 2015-2016
Caranto, E. B., Lee, K.V. & Reyes, H. E.

PERSONAL DATA

May 8, 2016
Makati City
Tagalog
Single