

**Research and Development Center, ASCOM, PA  
Document Management System**

Project Documentation Submitted  
To the Faculty of School of  
Computing and Information Technologies  
of  
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In Partial Fulfillment of the Requirements for the subject  
Applied Projects 2

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## Executive Summary

Each member of the team has knowledge on HTML, CSS, and PHP which is essential in creating and modifying the web app with Yii2 framework.

The Research and Development Center, Army Support Command, Philippine Army (RDC, ASCOM, PA) processes papers manually. As of now the office's process is slow. Furthermore, they encounter storage problems because they use drawers to archive the documents. When RDC tries to access files, they refer to logbooks to locate where the document is stored.

To improve the business process of the RDC, the proposed system would automate their document processing. Employees can upload/download the files to/from the system which can be viewed by other employees, with proper privileges, for faster access of documents. Furthermore, only the administrator or employees with high positions can create new accounts with limited privileges for the new employees for user access controls. In addition, accounts created have encrypted passwords for higher security.

To ensure that the developers and system are in the right track and would meet the needs of the client, the developers will follow the agile development methodology. Furthermore, the user interface of the system should be as user-friendly as possible since other employees of the system are not used to computers.

## List of Figures, List of Tables, List of Notations

- Event table
- Use case diagram
- Use Case Full Description
- Activity diagram
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  - Class diagram
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## Introduction

### Project Context

The advancement of technology today has immersed itself towards business transactions. The pace of technology's development is getting faster as years pass. The Research Development Center process documents manually, resulting to slow processing of papers, long hours of locating documents, and storage problems.

AFP-RDC needs a system that manages files with a computer. The developers proposed a system that will improve their business process. This system will lessen the use of papers and at the same time make document processing faster, since it is automated.

### Purpose and Description

The proposed system aims to help the Research Development Center of the Philippine Army by creating a document management system for faster processing of papers throughout their office. Developing a database would help the office archive their documents in a more organized manner and would give them faster access to these documents.

### Objectives

#### General Objectives

- To develop a document management system.
- Improve the way on how RDC processes documents.
- To automate the system of the Research and Development Center, ASCOM, PA.

#### Specific Objectives

- For the employees under Research Development Center (RDC).
- To automate processing of papers for the employees of RDC.
- To develop a document management system where accessing and archiving of files can be faster.

### Scope and Limitations

- A database for archiving and easy access of finished documents
- Only employees under RDC that have an account can access the system
- The system will only cover the system of RDC and the processes within it

## Review of Related Literature / Systems

### Alfresco

Alfresco is an enterprise-level document management system for Microsoft Windows and Unix-like operating systems. It has content repository features, a web-based user interface for managing and using standard portal content. A CIFS interface provides file system compatibility on different operating systems.

Its main features are: powerful search and discovery where the users can easily search and locate the exact document that they are looking for; integrate content into processes to improve the flow of digital business; secure business-critical content to protect valuable documents.

### OpenDocMan

An open-source document management system (DMS). Has frontend and backend modules but is not an enterprise level DMS. It is free but, is hard to modify.

### SeedDMS

An open-source enterprise level document management system. It has complete backend modules, such as user management, groups management, and backup tools, for administrator accounts.

## Technical Background

The system will be developed with Yii2, a framework that uses HTML, CSS, and PHP. It is high performance, component-based PHP framework that is commonly used for rapid development of web application of today. Furthermore, it is also considered a generic web programming framework, which means that it can be used for developing a wide range of web applications like forums, content management systems, or even e-commerce projects. This framework implements the model-view-controller architecture which promotes code organization and better performance of the web application.

MySQL and Apache web server with XAMPP control panel will also be used in developing the system. XAMPP is also an open-source cross-platform web server solution stack package that is commonly used by developers to set up a local server for testing and developing web applications.

## **Methodology, Results, and Discussion**

### **Requirements Analysis**

The project sponsor needs a document management system where the users can manage files using a computer. It can also manage and store documents to reduce papers, create and modify files that was created by different users with different versions.

### **Requirements Documentation**

This requirement document states the requirements for the document management system of the RDC, ASCOM, PA.

The product prototype only provides, uploads and downloads of documents. It connects the main test documents to its corresponding documents. It can also create accounts that has encrypted passwords. Other personal computers can access the web application inside the same network.

An employee can only access the system if and only if he has an account. A system administrator or accounts with proper privileges are the only employees who have a user management feature that can add, delete, and edit a user account.

### **Design of Software, Systems, Product, and/or Processes**

The software is developed with Yii2 framework. Each table in the database is generated with a create, read, update, and delete feature depending on the needs of the system. To achieve the main function of the prototype, the model, view, and controller of the framework are modified including the database model.

It follows the Model-View-Controller (MVC) design of systems to ensure quality and performance of the developed system. It consists of model classes where accessing of the database occurs, view classes where the design of the system is created, and controller classes where the logic and business processes are applied. Each view of the web application calls the controllers to perform their desired functions. Then the controller of each web view accesses the models to add data on the database.

### **Development and Testing, where applicable**

The developers would perform the agile development where the team and client undergo many iterations to improve the system based on the needs of the client.

Features to be tested:

- Creation of accounts
- Upload of files
- Read list of files

- Update file information
- Delete files

### **Description of the prototype, where applicable**

The prototype that the developers created can create an account with encrypted passwords for each employee of the RDC. Unfortunately, the back-end module is not yet separated from the front-end module. The user can also upload and download files from the system.

### **Implementation Plan (Infrastructure / Deployment) where needed**

The first phase of the implementation plan is the discovery and analysis of the problem. In this phase, the developers will set initial meetings and consultation with professors and problem to identify the problem and needs of the client.

Second is the design phase. In this stage the user interface of the system is planned to be as user-friendly as possible. The team will be working on the configurations of the new system and documenting procedures.

Third phase is the development phase. In this part of the implementation plan the system will be prepared to be deployed with its main functionality.

Next step is the iteration or testing phase. In this phase, the team will let the client test the system and check if there are revisions needed. This is where the team uses agile iteration to improve the proposed system.

The last phase of the implementation plan is the deployment. This is where the team assesses the system whether it should be deployed or not.

### **Implementation Results, where applicable**

When the system is implemented, the RDC can now access their documents with the RDC-DMS. An admin user is the one who will send documents to the director. Each user has certain privileges.

## **Conclusions and Recommendations**

After testing the created prototype, the developers must consider the people who are going to use the proposed system. The developers have learned that prototyping is an essential tool to further learn and to improve the system based on the requirements of the client.

The developers must recognize, learn, and apply the tools that are available to them to conveniently improve the system.

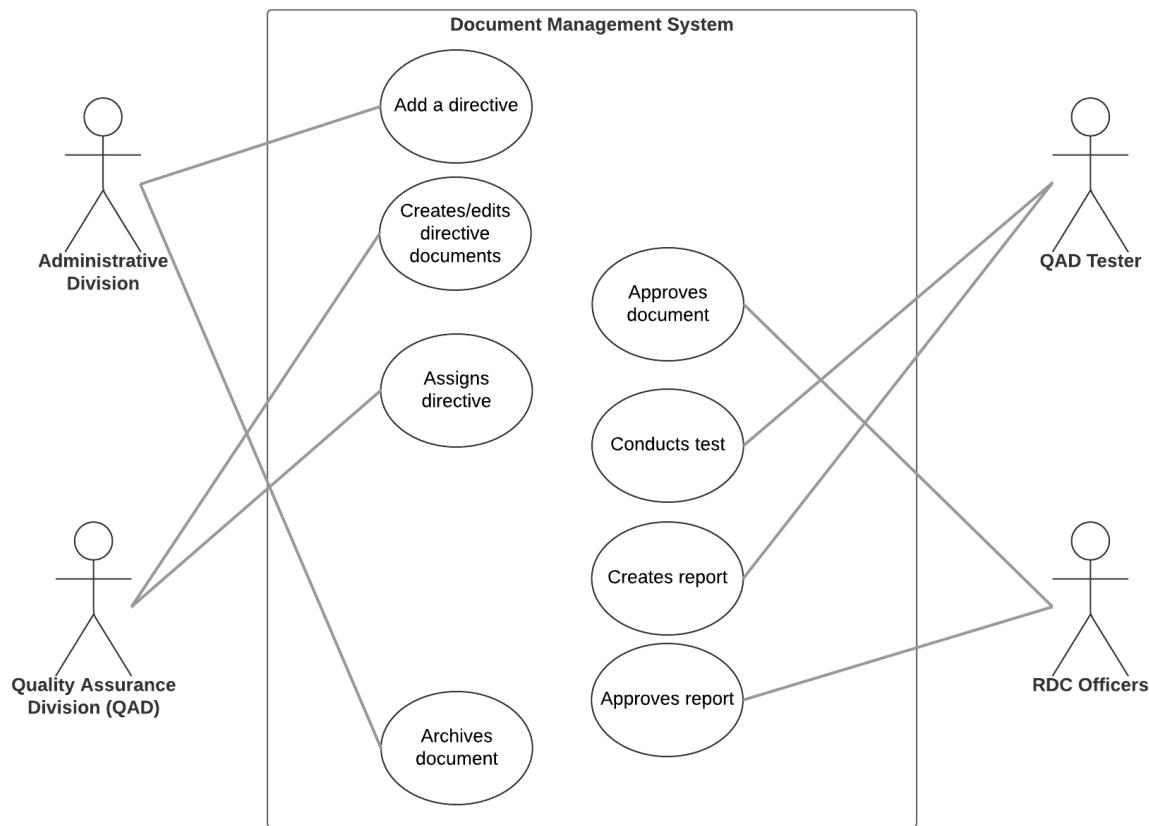
It is also recommended to consult cyber-security experts to enhance the security of the system if it will be used to manage sensitive or classified data.

## Appendices

**Event Table**

Event	Trigger	Source	Use Case	Response	Destination
Requests directive to RDC	Adds directive	Admin	Adds a directive	Directive details	System, RDC
Creates/edits directive documents	Creates/edits document pertaining to directive	QAD	Creates/edits directive documents	Directive document details	System, QAD
Approves a document	Sends to an officer	QAD	Approves document	Signed document	System, director
QAD assigns directive	Assigns directive	QAD	Assigns directive	Directive details	System, tester
Tester conducts the test	Item arrives for test	Tester	Conducts test	Test details	System, tester
Creates report document	Creates report	Tester	Creates report	Report details	System, QAD
Approves report document	Approves report document	QAD	Approves report	Report details	QAD, officers, system
Adds file to archive	Archives document	Admin	Archives document	Document archived folder	System

## Use Case Diagram



## Use Case Full Description

<b>Use Case name:</b>	<b>Adds a directive</b>									
<b>Scenario:</b>	Admin division adds a directive									
<b>Triggering Event:</b>	Adds directive									
<b>Brief Description:</b>	Admin division receives a directive and upload it to the system									
<b>Actors:</b>	Admin Division									
<b>Related Use Cases:</b>	Creates/edits directive document									
<b>Stakeholders:</b>	Admin Division: to add directive on the system									
<b>Pre-condition</b>	Directive from Higher Headquarters must exist. Admin Division must login to the system									
<b>Post-condition</b>	Directive details can be access by other users									
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. Admin division user logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. Admin division user adds test project</td> <td>2.1 Display test project details</td> </tr> <tr> <td>3. Admin division user adds directive document</td> <td>3.1 Display directive details</td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. Admin division user logs in to the system	1.1 Display login page	2. Admin division user adds test project	2.1 Display test project details	3. Admin division user adds directive document	3.1 Display directive details	
<b>Actor</b>	<b>System</b>									
1. Admin division user logs in to the system	1.1 Display login page									
2. Admin division user adds test project	2.1 Display test project details									
3. Admin division user adds directive document	3.1 Display directive details									
<b>Exception Condition:</b>										

<b>Use Case name:</b>	<b>Creates/edits directive documents</b>											
<b>Scenario:</b>	QAD employee creates documents relating to directive											
<b>Triggering Event:</b>	Creates/edits document pertaining to directive											
<b>Brief Description:</b>	QAD employee creates/edits Item specification, Task organization and implementation plan and test worksheet.											
<b>Actors:</b>	QAD employee											
<b>Related Use Cases:</b>	Adds a directive Approves document											
<b>Stakeholders:</b>	QAD employee: to create/edit and add documents											
<b>Pre-condition</b>	Directive must exist in the system QAD employee must login											
<b>Post-condition</b>	Directive documents are accessible											
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</th> </tr> </thead> <tbody> <tr> <td>1. QAD employee logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. QAD employee search test project related to directive documents</td> <td>2.1 Display test project names</td> </tr> <tr> <td>3. QAD employee adds directive documents under a test project</td> <td>3.1 Display directive documents details</td> </tr> <tr> <td>4. QAD employee adds approvers</td> <td>4.1 Display approvers details</td> </tr> </tbody> </table>	Actor	System	1. QAD employee logs in to the system	1.1 Display login page	2. QAD employee search test project related to directive documents	2.1 Display test project names	3. QAD employee adds directive documents under a test project	3.1 Display directive documents details	4. QAD employee adds approvers	4.1 Display approvers details	
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4. QAD employee adds approvers	4.1 Display approvers details											
<b>Exception Condition:</b>												

<b>Use Case name:</b>	<b>Approves document</b>									
<b>Scenario:</b>	Officers approves directive documents									
<b>Triggering Event:</b>	Sends directive document to an officer									
<b>Brief Description:</b>	Approvers such as director added by the QAD will approve and will add signature to directive documents									
<b>Actors:</b>	Director									
<b>Related Use Cases:</b>	Creates/edits directive documents									
<b>Stakeholders:</b>	QAD chief: to submit the directive documents to Director Director: to approve and add signature to the documents									
<b>Pre-condition</b>	Directive documents must exist Director must log in to the system									
<b>Post-condition</b>	Director must be able to view the document									
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. Director logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. Director views directive documents</td> <td>2.1 Display directive documents details</td> </tr> <tr> <td>3. Director adds signature, approval remarks and approval status.</td> <td>3.1 Display approval and signature details</td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. Director logs in to the system	1.1 Display login page	2. Director views directive documents	2.1 Display directive documents details	3. Director adds signature, approval remarks and approval status.	3.1 Display approval and signature details	
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2. Director views directive documents	2.1 Display directive documents details									
3. Director adds signature, approval remarks and approval status.	3.1 Display approval and signature details									
<b>Exception Condition:</b>										

<b>Use Case name:</b>	<b>Assigns directive</b>							
<b>Scenario:</b>	Directive will be assign to testers							
<b>Triggering Event:</b>	Assigns directive							
<b>Brief Description:</b>	Directive will be relay to the testers for them to conduct a test							
<b>Actors:</b>	QAD chief QAD tester							
<b>Related Use Cases:</b>	Conducts test							
<b>Stakeholders:</b>	QAD chief: to assign the directive to the testers QAD tester: to comply the directive							
<b>Pre-condition</b>	QAD tester must exist Directive must exist							
<b>Post-condition</b>	A directive document is assigned to an employee							
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. QAD chief assigns directive document</td> <td>1.1 Display directive documents</td> </tr> <tr> <td>2. QAD employees receives notification</td> <td>2.1 Send notification to employee</td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. QAD chief assigns directive document	1.1 Display directive documents	2. QAD employees receives notification	2.1 Send notification to employee	
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2. QAD employees receives notification	2.1 Send notification to employee							
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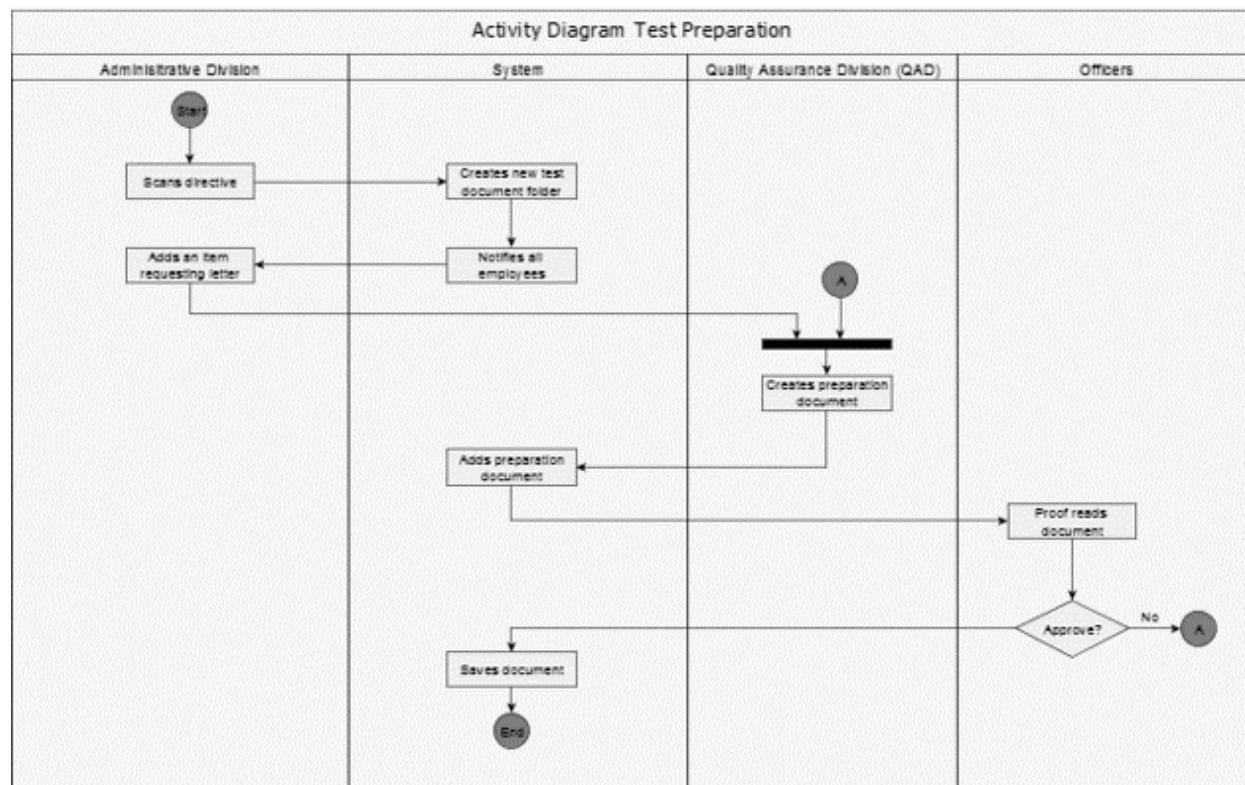
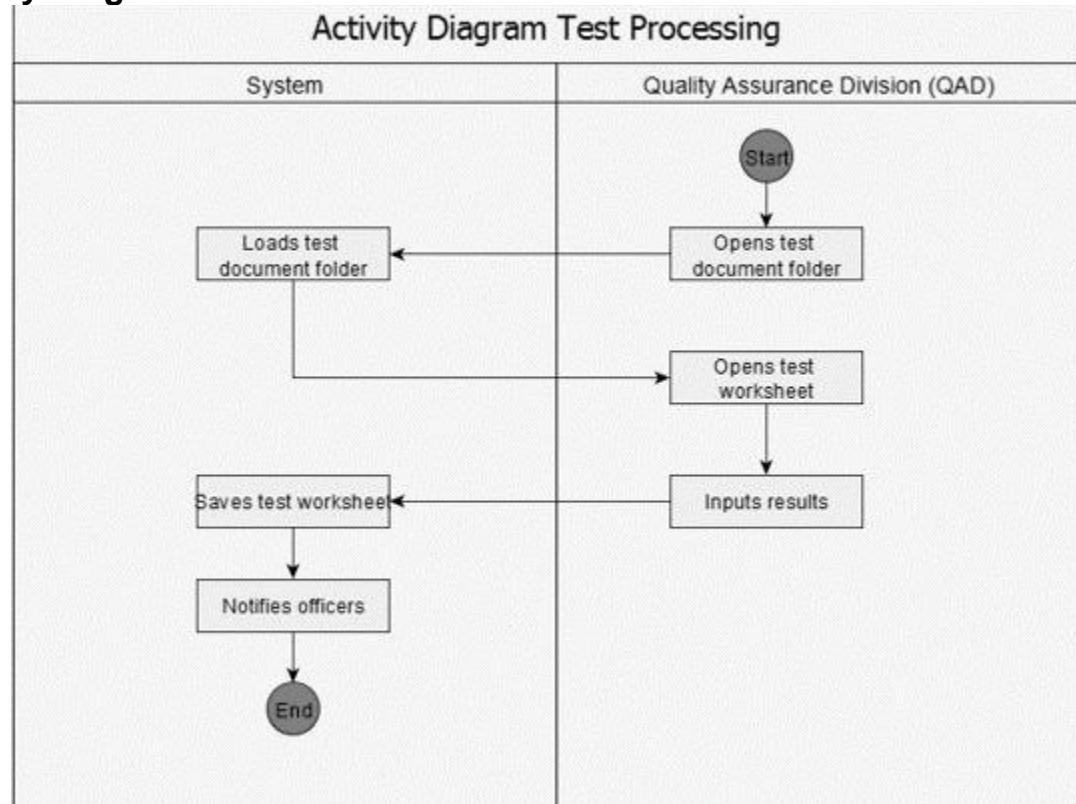
<b>Use Case name:</b>	<b>Conducts test</b>									
<b>Scenario:</b>	Tester conducts a test									
<b>Triggering Event:</b>	Item arrives for test									
<b>Brief Description:</b>	After QAD chief assigns directive, the tester begins to test and edit and fill out test worksheets									
<b>Actors:</b>	QAD tester									
<b>Related Use Cases:</b>	Assigns directive Creates report									
<b>Stakeholders:</b>	QAD tester: to conduct the test									
<b>Pre-condition</b>	QAD tester must exist Test worksheet must exist Directive documents must exist QAD tester must login to the system									
<b>Post-condition</b>	QAD tester must be able to gather results									
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. QAD tester logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. QAD tester edits test worksheet</td> <td></td> </tr> <tr> <td>3. QAD tester adds the test worksheet again to the system</td> <td>3.1 Display test worksheet details</td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. QAD tester logs in to the system	1.1 Display login page	2. QAD tester edits test worksheet		3. QAD tester adds the test worksheet again to the system	3.1 Display test worksheet details	
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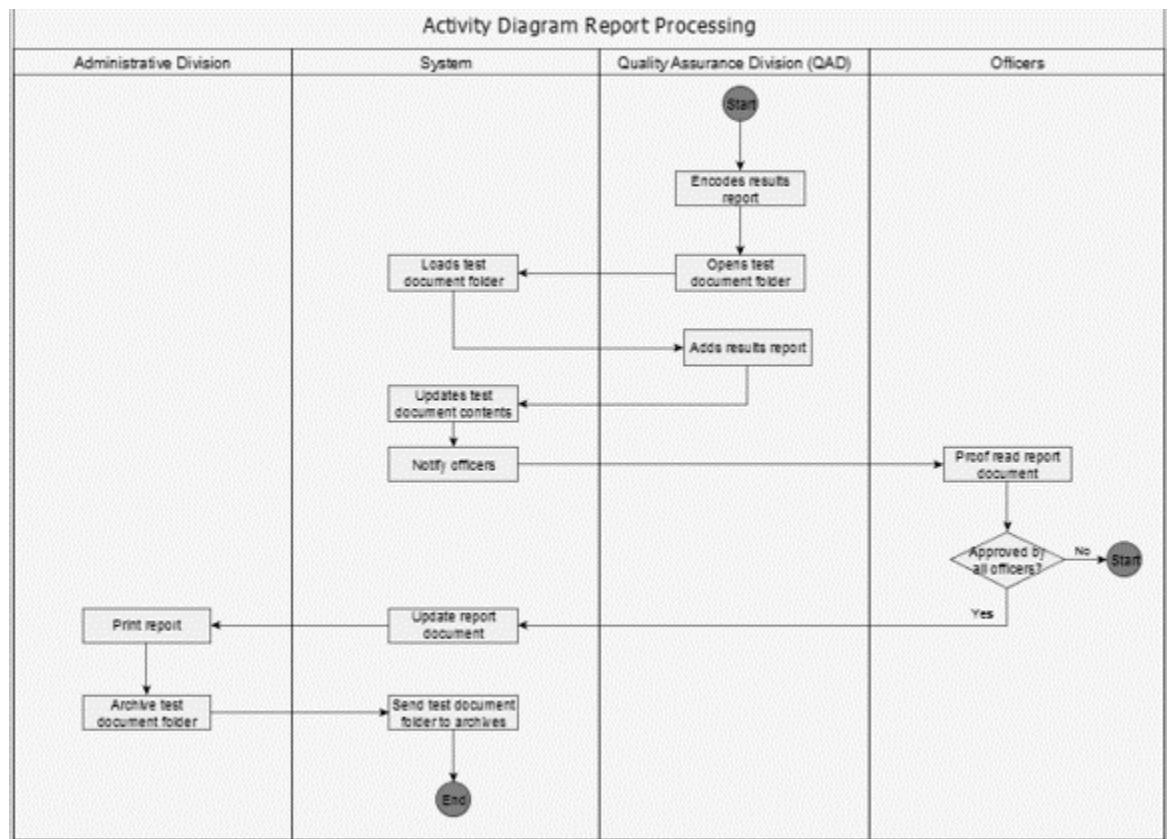
<b>Use Case name:</b>	<b>Creates report</b>									
<b>Scenario:</b>	QAD tester creates report/result document									
<b>Triggering Event:</b>	Creates report									
<b>Brief Description:</b>	QAD tester will gather all the findings and results from the test in a report/result document.									
<b>Actors:</b>	QAD tester									
<b>Related Use Cases:</b>	Conducts test									
<b>Stakeholders:</b>	QAD tester: to create report/result document									
<b>Pre-condition</b>	QAD tester must log in to the system QAD tester must accomplish the test									
<b>Post-condition</b>	report/result document must be ready for approval									
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<b>Exception Condition:</b>										

<b>Use Case name:</b>	<b>Approves report</b>									
<b>Scenario:</b>	Officers will approve report document									
<b>Triggering Event:</b>	Approves report document									
<b>Brief Description:</b>	Approvers (Officers) added by the QAD tester will approve and will add signature to report documents									
<b>Actors:</b>	QAD chief Director Admin Division									
<b>Related Use Cases:</b>	Creates Report									
<b>Stakeholders:</b>	Officers: to approve and sign report/result document									
<b>Pre-condition</b>	Officers must log in to the system report/result document must exist									
<b>Post-condition</b>	Officers must be able to view the document									
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. Officers logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. Officers views report/result document</td> <td>2.1 Display report/result document details</td> </tr> <tr> <td>3. Officers add approval remarks, status, and signature</td> <td>3.1 Display approval and signature details</td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. Officers logs in to the system	1.1 Display login page	2. Officers views report/result document	2.1 Display report/result document details	3. Officers add approval remarks, status, and signature	3.1 Display approval and signature details	
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2. Officers views report/result document	2.1 Display report/result document details									
3. Officers add approval remarks, status, and signature	3.1 Display approval and signature details									
<b>Exception Condition:</b>										

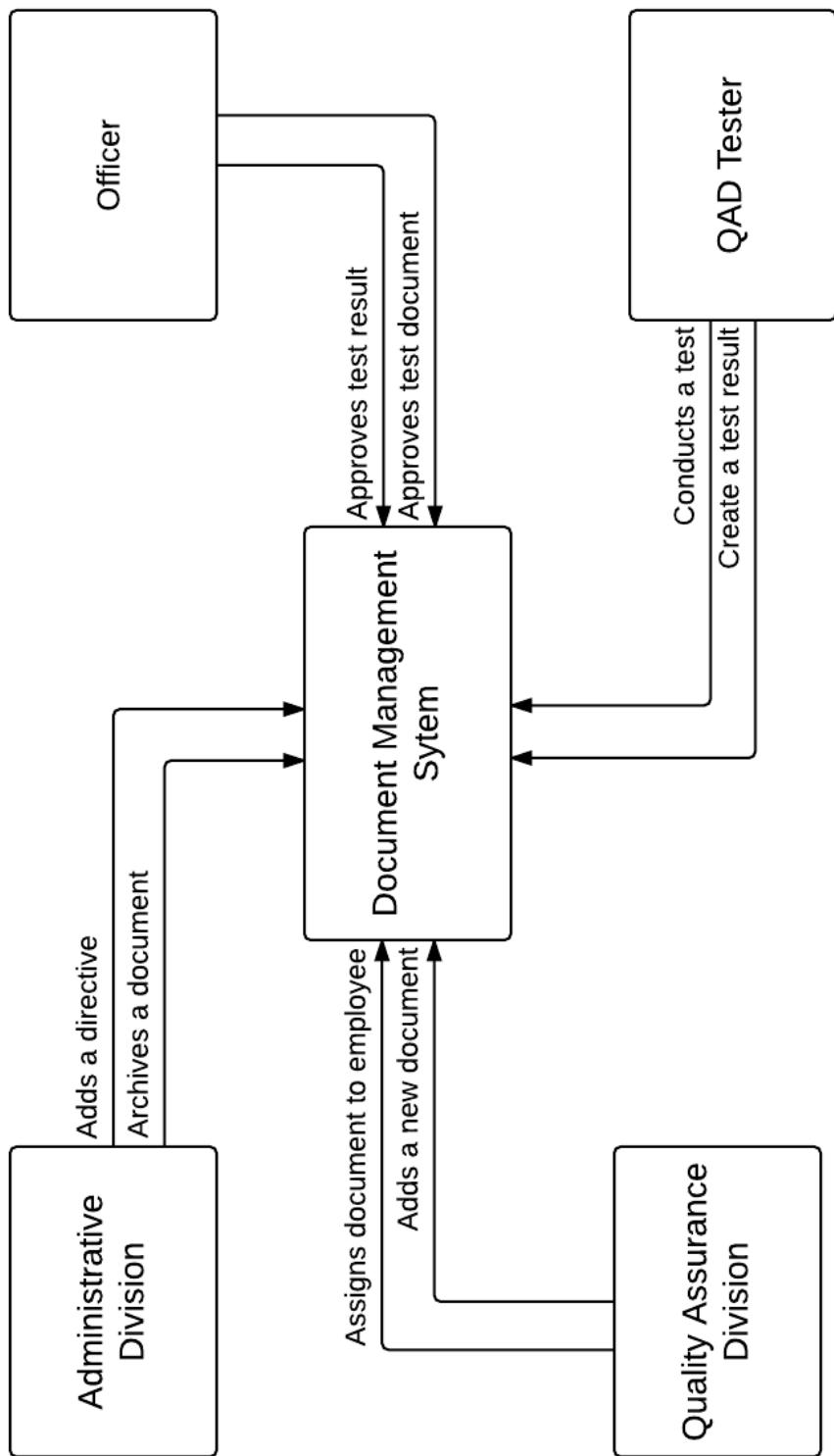
<b>Use Case name:</b>	<b>Archives document</b>													
<b>Scenario:</b>	Test Documents are ready to archive													
<b>Triggering Event:</b>	Archives test document													
<b>Brief Description:</b>	Admin will be notified after a test project was done and archive all the documents													
<b>Actors:</b>	Admin													
<b>Related Use Cases:</b>	None													
<b>Stakeholders:</b>	Admin: to archive the files													
<b>Pre-condition</b>	Admin must log in to the system Test project must be done with complete and approved documents													
<b>Post-condition</b>	Admin must be able to access and retrieved documents													
<b>Flow of Activities:</b>	<table border="1"> <thead> <tr> <th><b>Actor</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>1. QAD chief logs in to the system</td> <td>1.1 Display login page</td> </tr> <tr> <td>2. QAD notifies Admin</td> <td>3.1 Display login page</td> </tr> <tr> <td>3. Admin logs in to the system</td> <td>4.1 Test project details</td> </tr> <tr> <td>4. Admin change the status of test project to archive</td> <td>5.1 System stores files</td> </tr> <tr> <td>5. Admin archives the documents in a test project</td> <td></td> </tr> </tbody> </table>	<b>Actor</b>	<b>System</b>	1. QAD chief logs in to the system	1.1 Display login page	2. QAD notifies Admin	3.1 Display login page	3. Admin logs in to the system	4.1 Test project details	4. Admin change the status of test project to archive	5.1 System stores files	5. Admin archives the documents in a test project		
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5. Admin archives the documents in a test project														
<b>Exception Condition:</b>														

## Activity Diagram

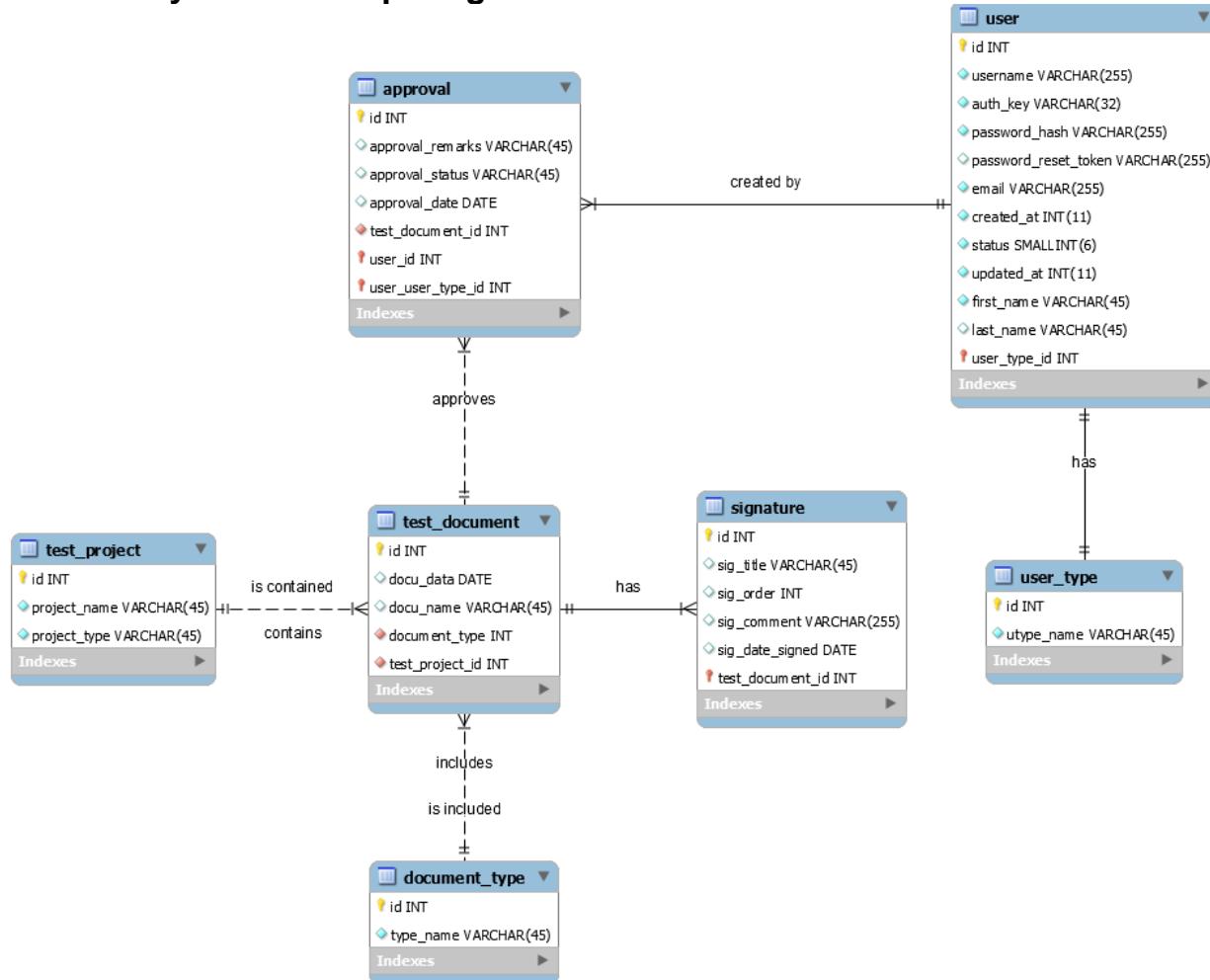




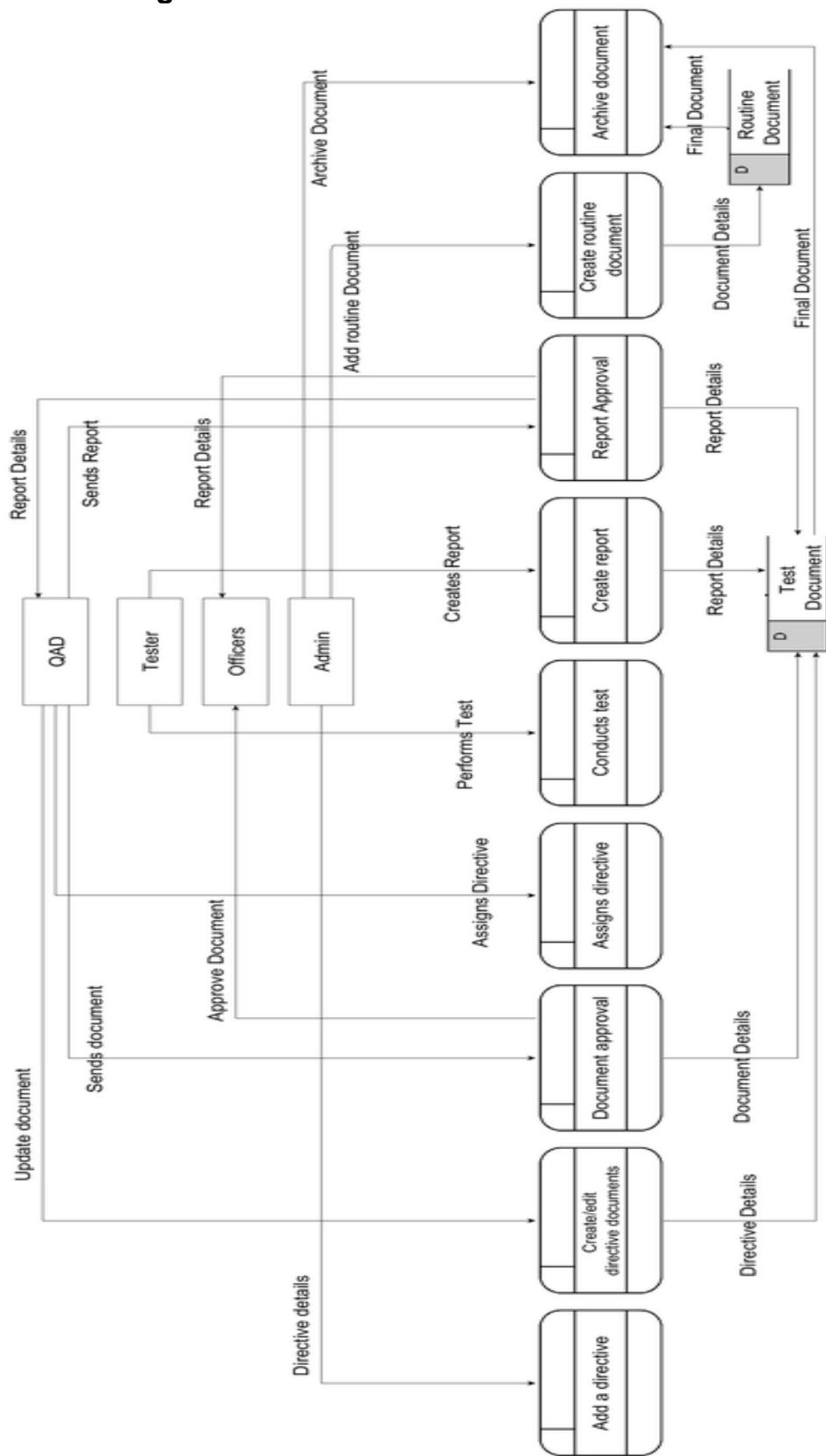
## Context Flow Diagram

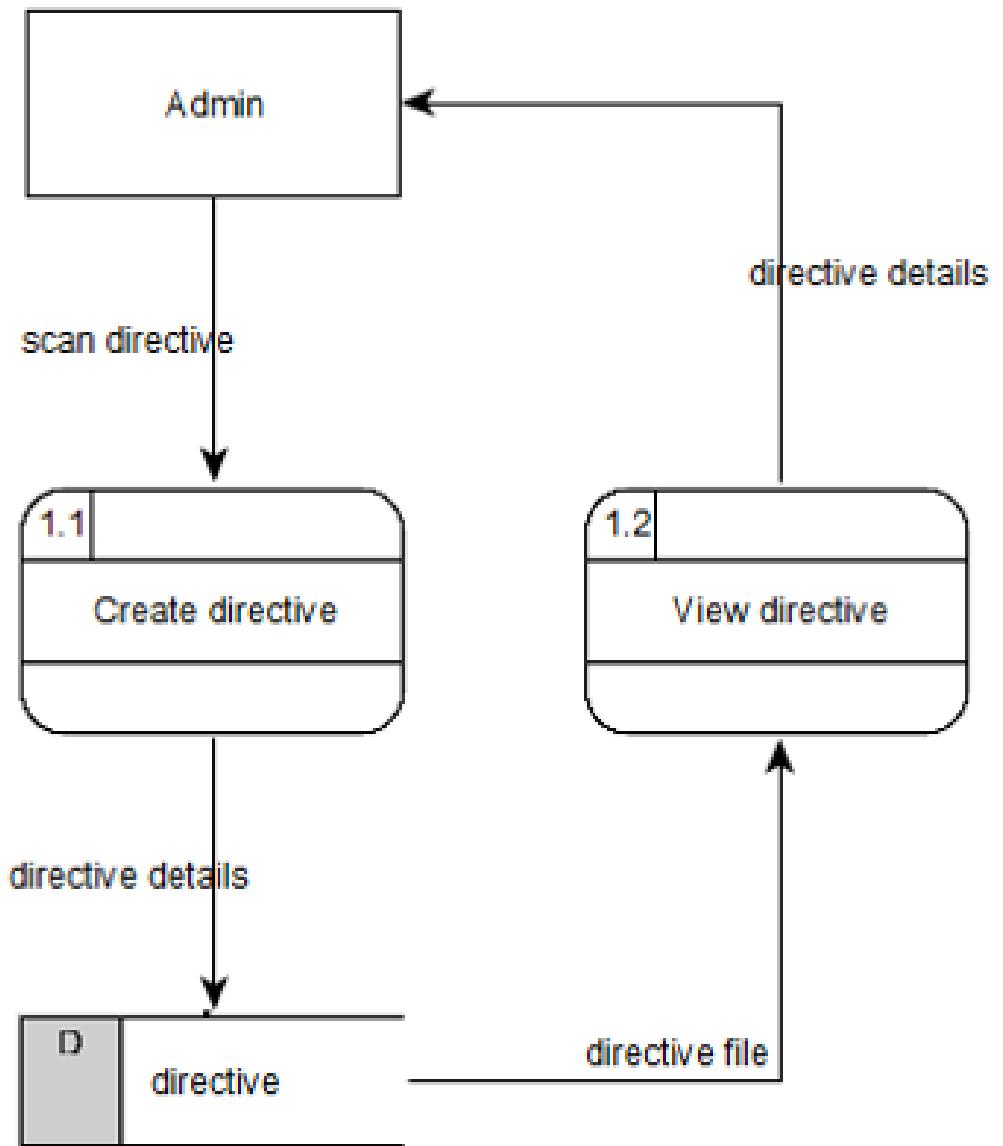


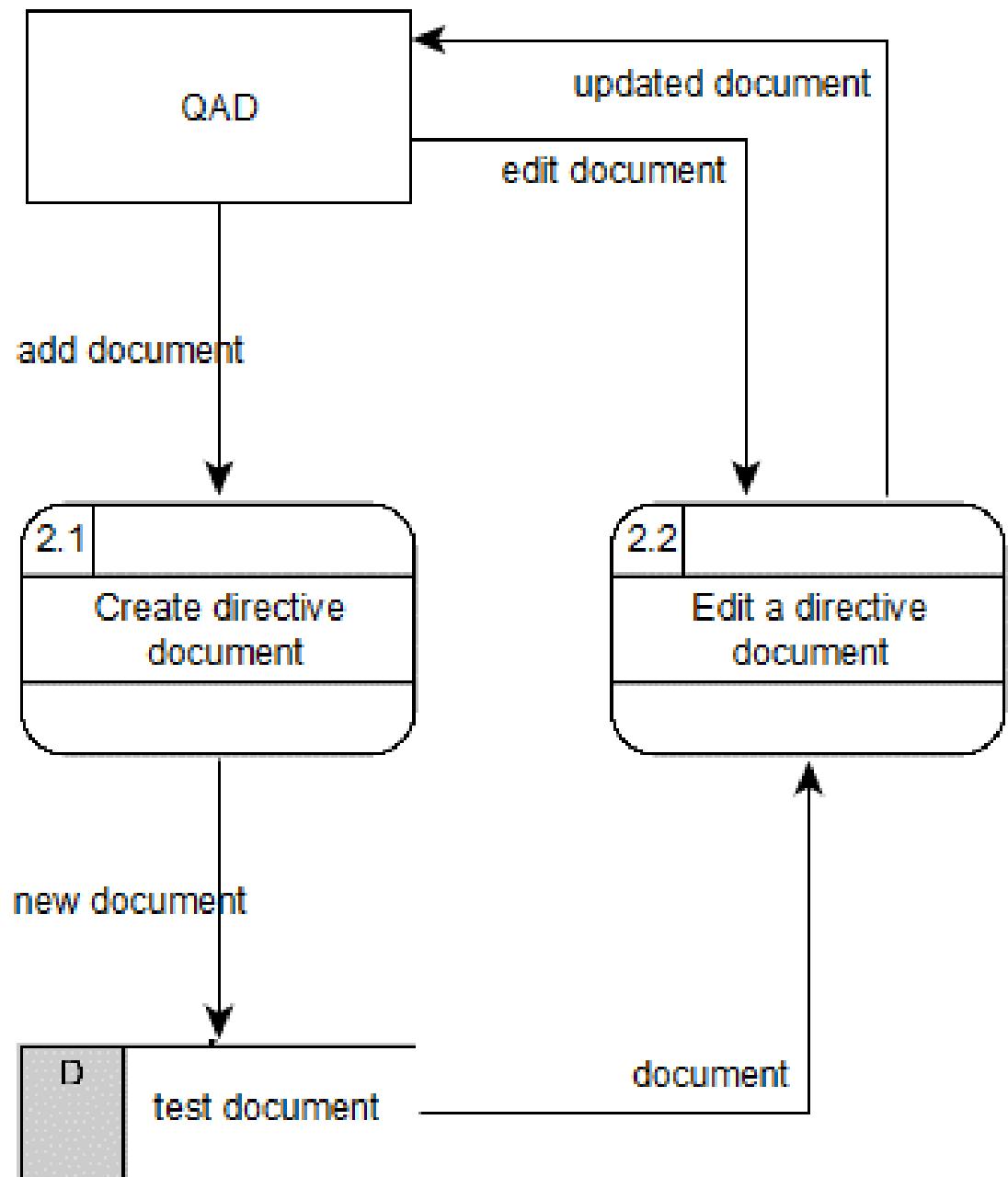
## Entity Relationship Diagram

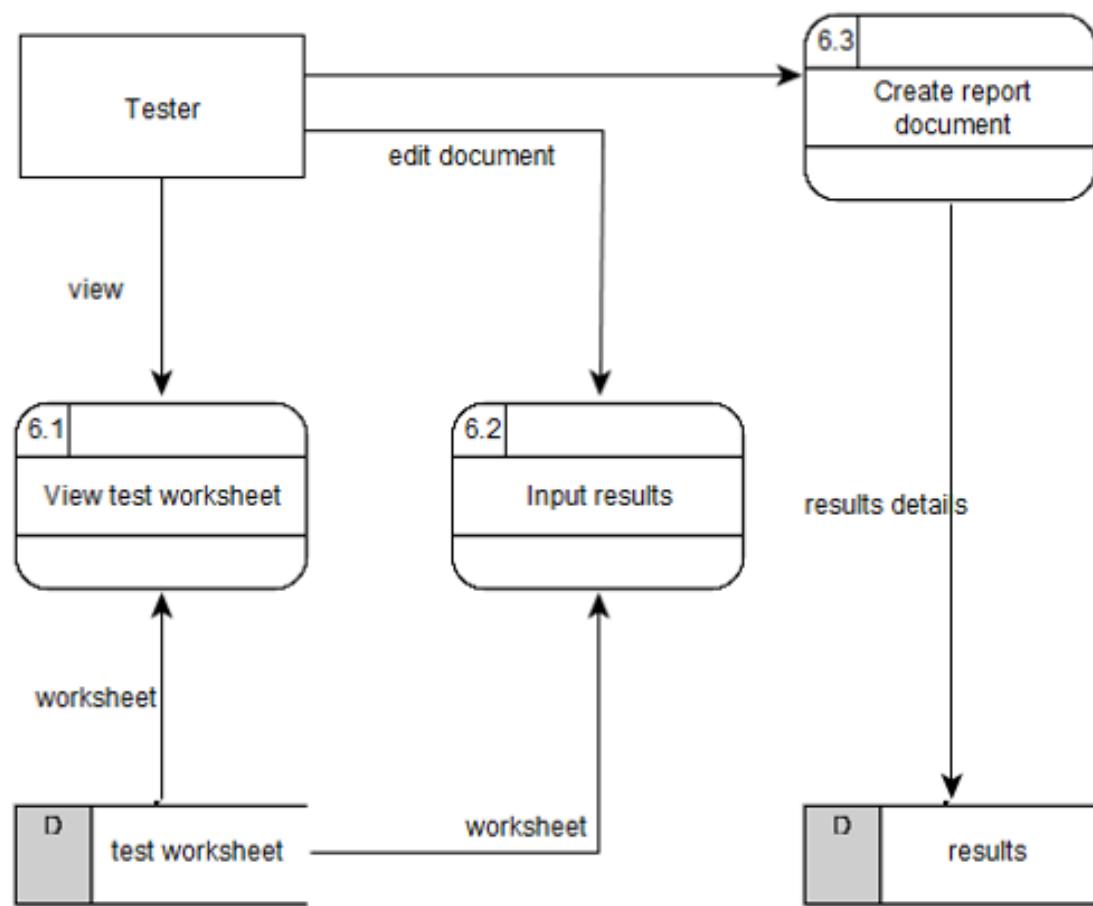


## Data Flow Diagram

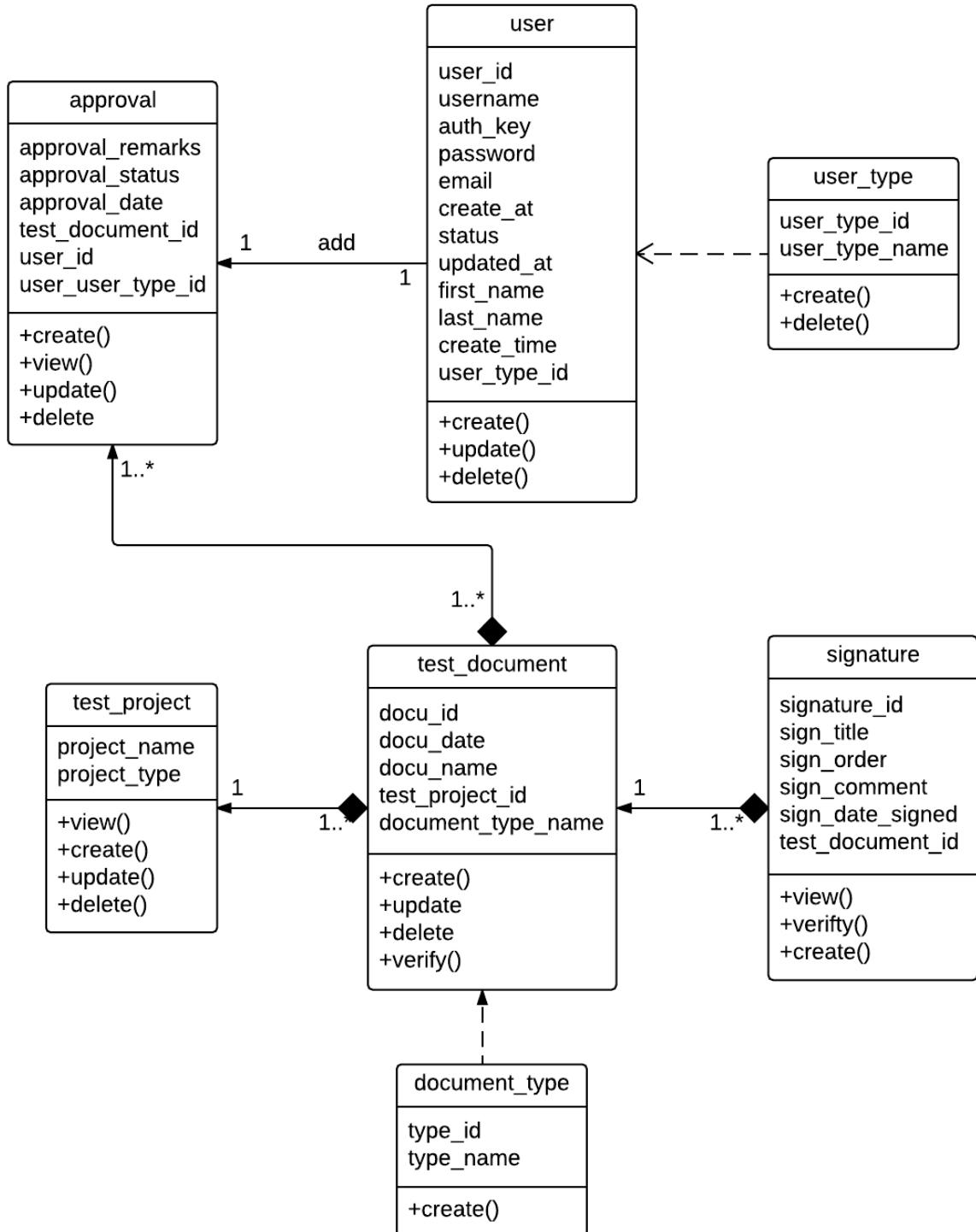


**Data Flow Diagram Level 1**

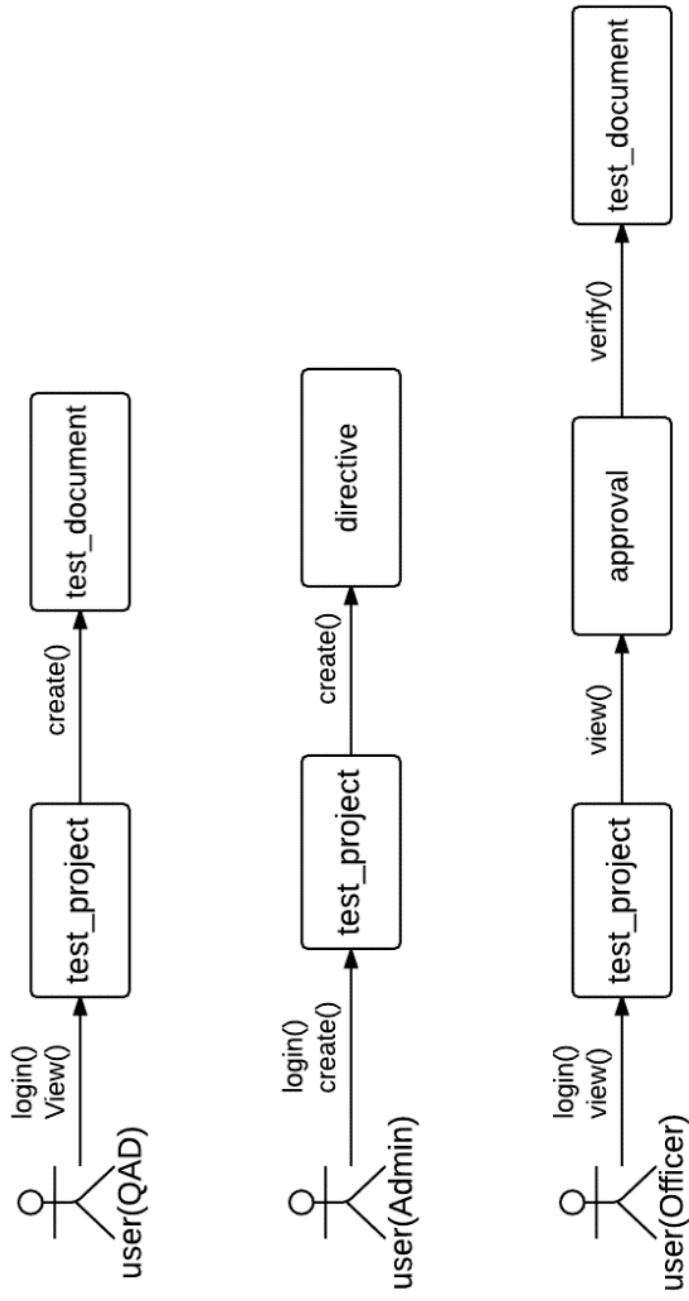




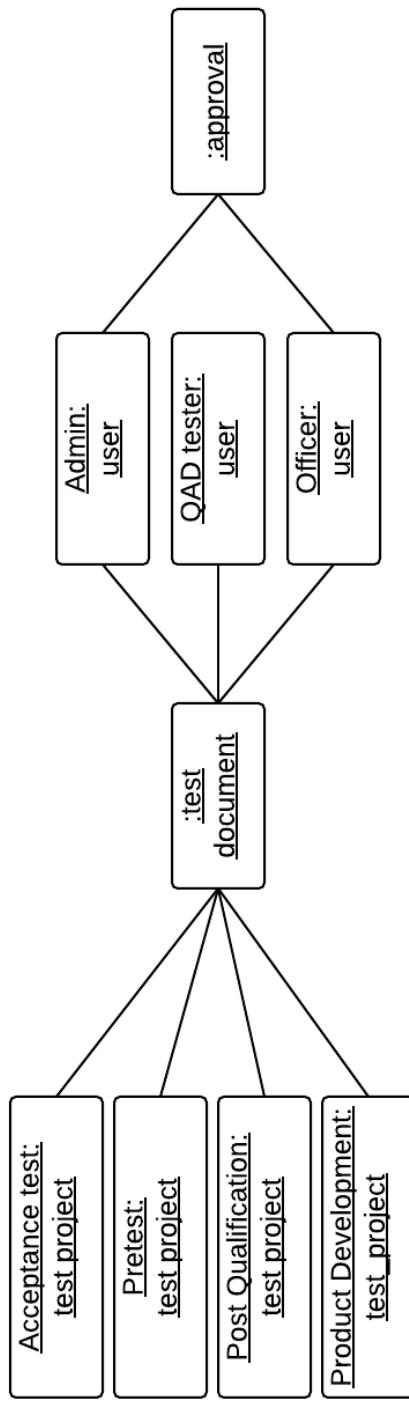
## Class Diagram



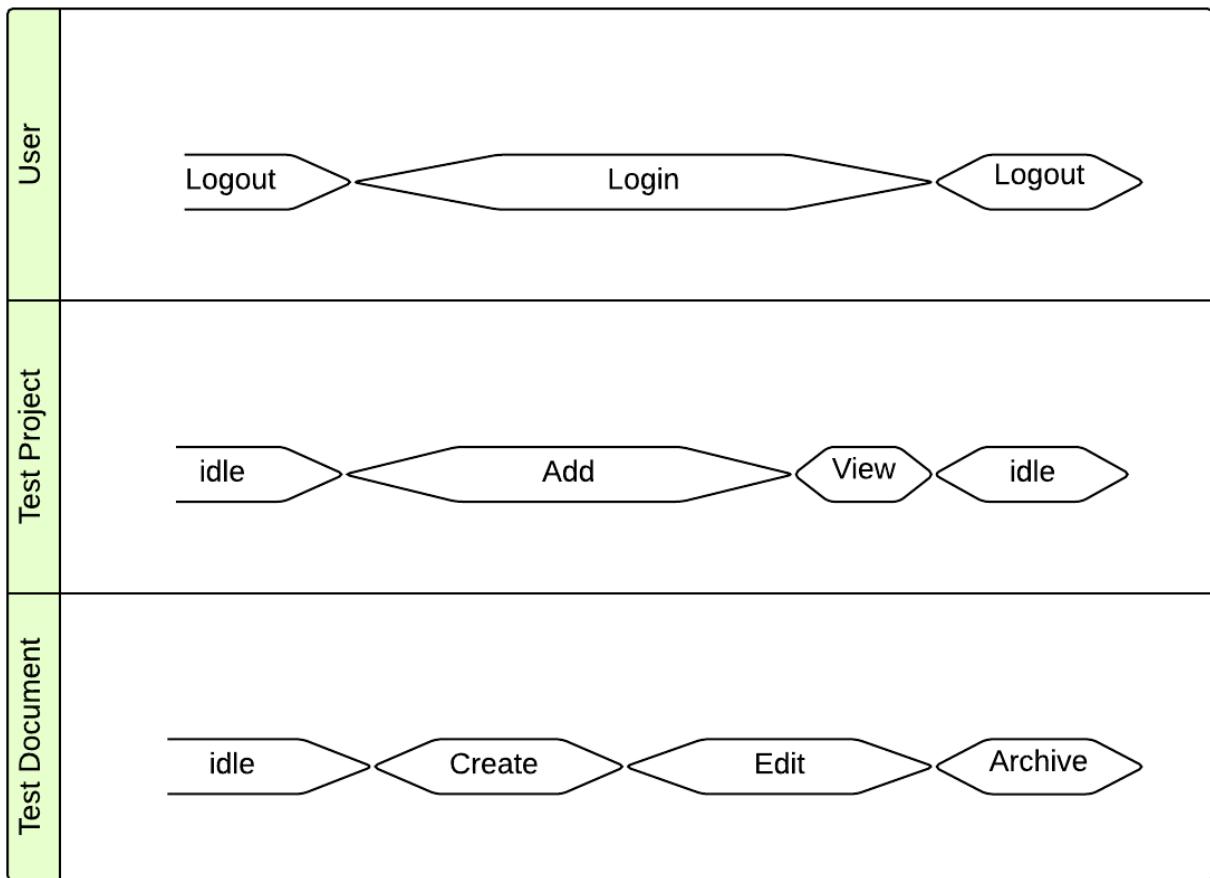
## Communication Diagram



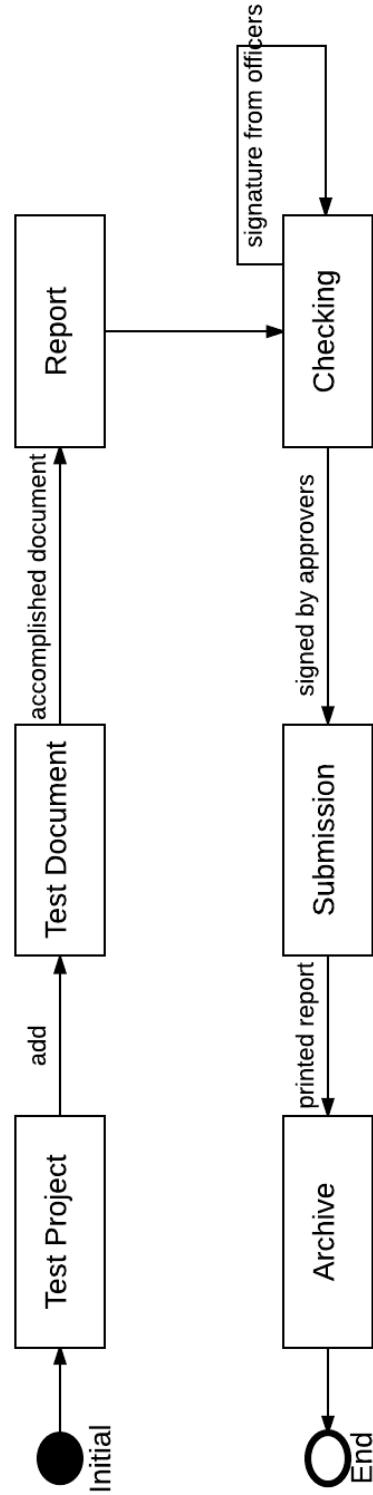
## Object Diagram



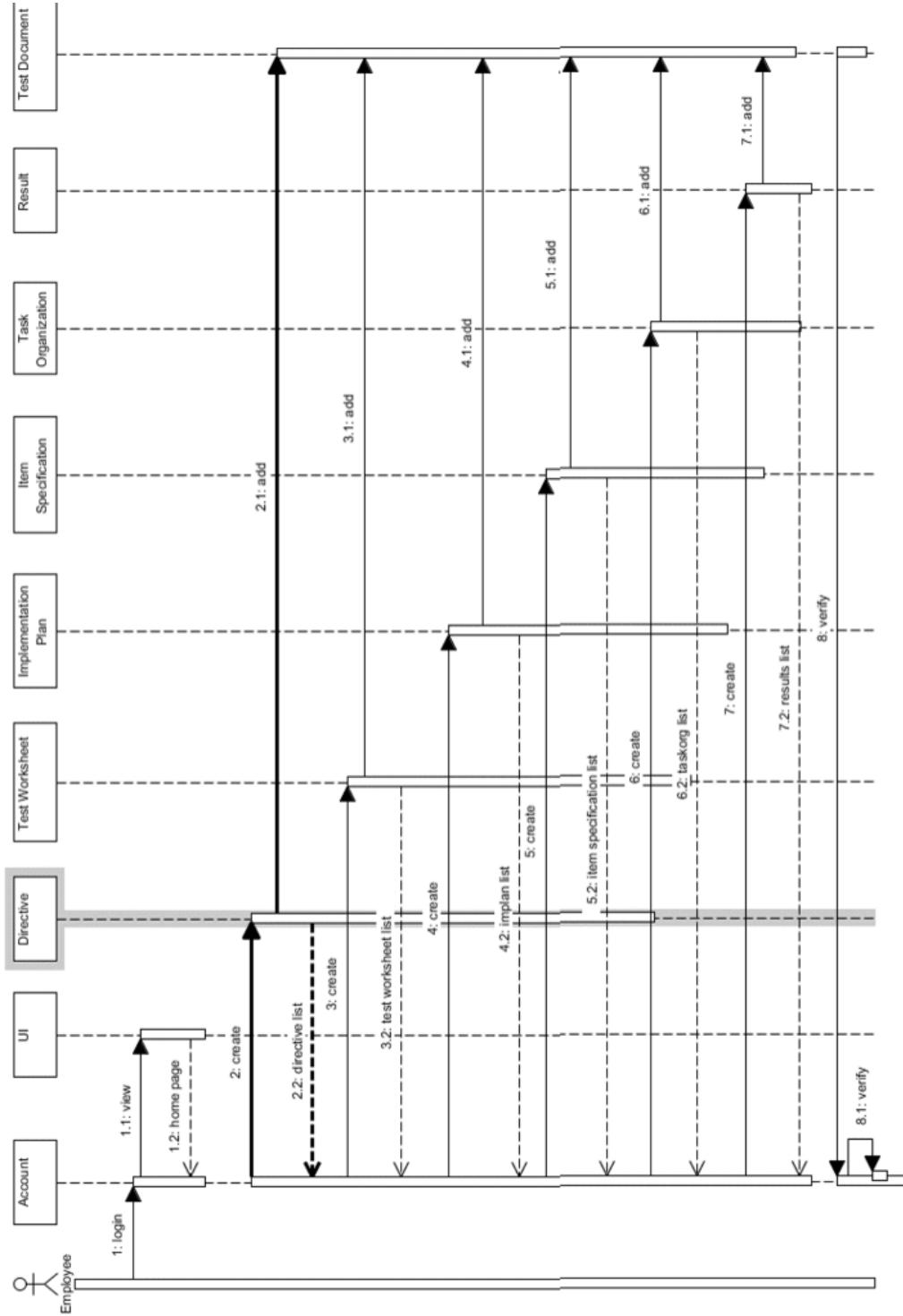
## Timing Diagram



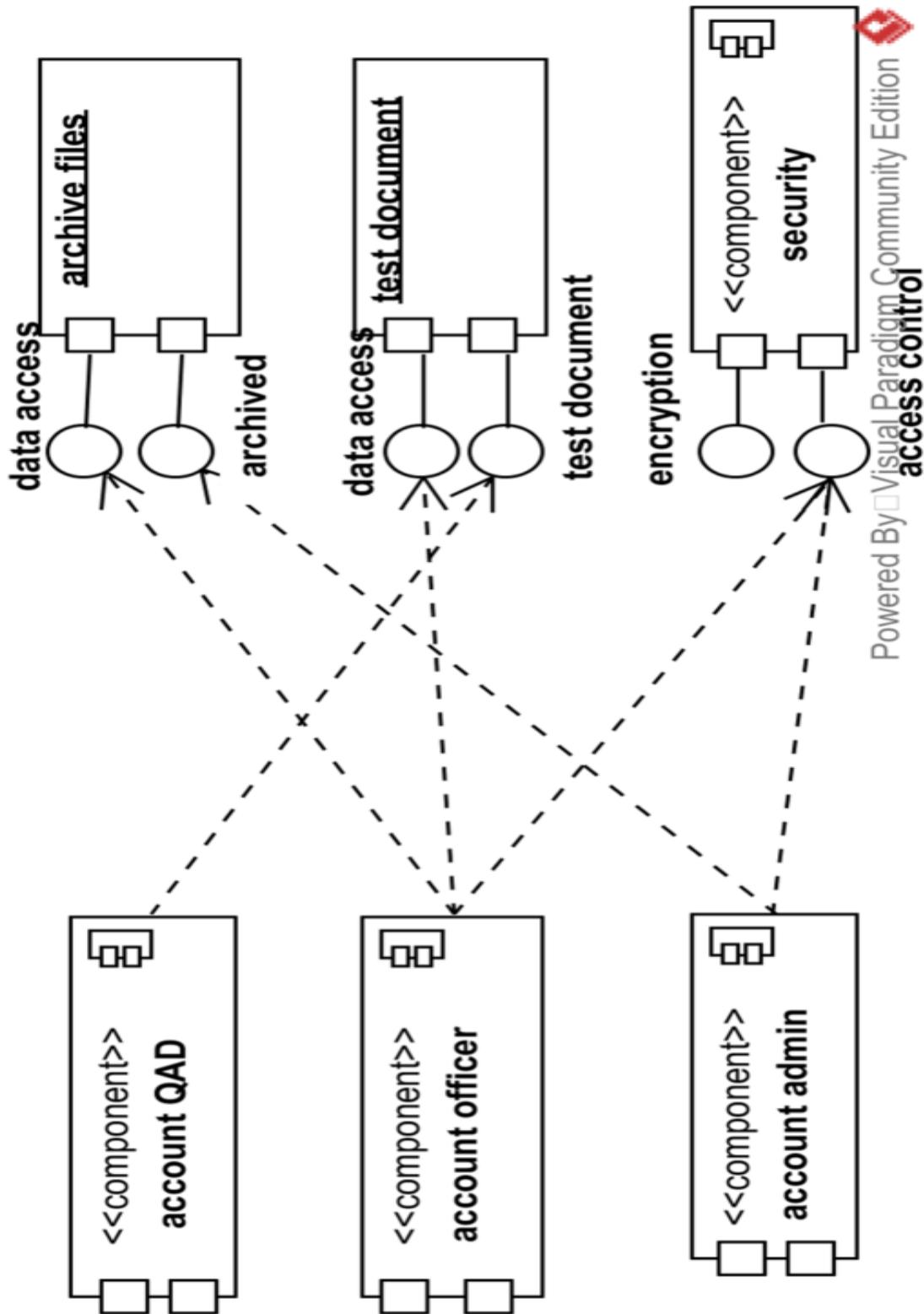
## State-Machine Diagram



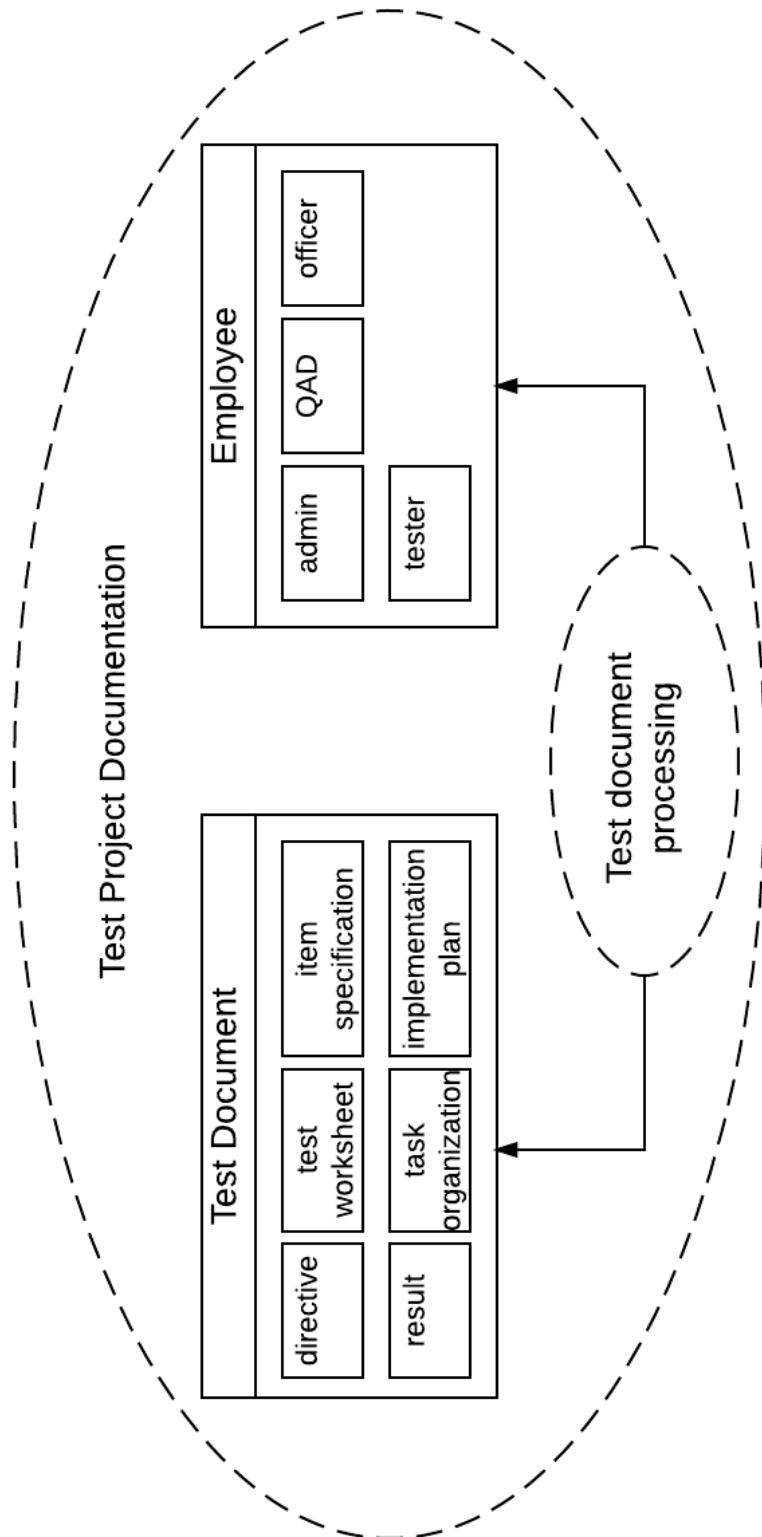
## Sequence Diagram



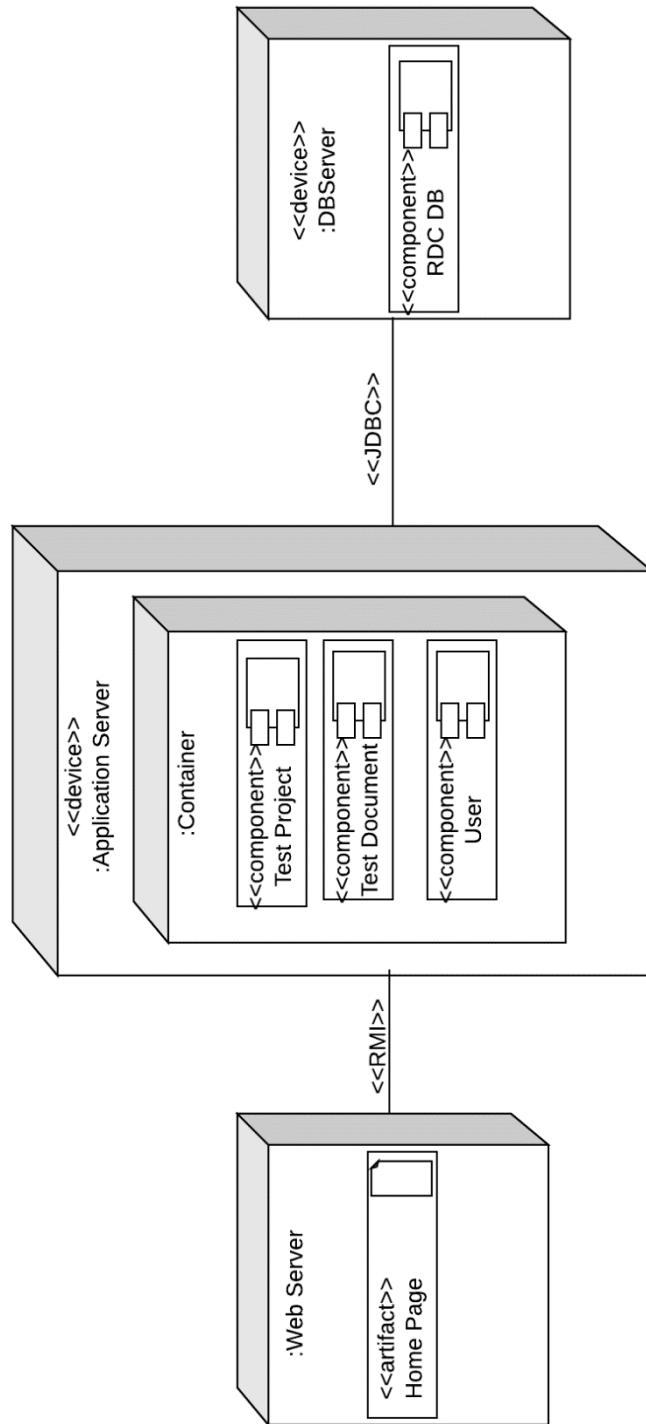
## Component Diagram



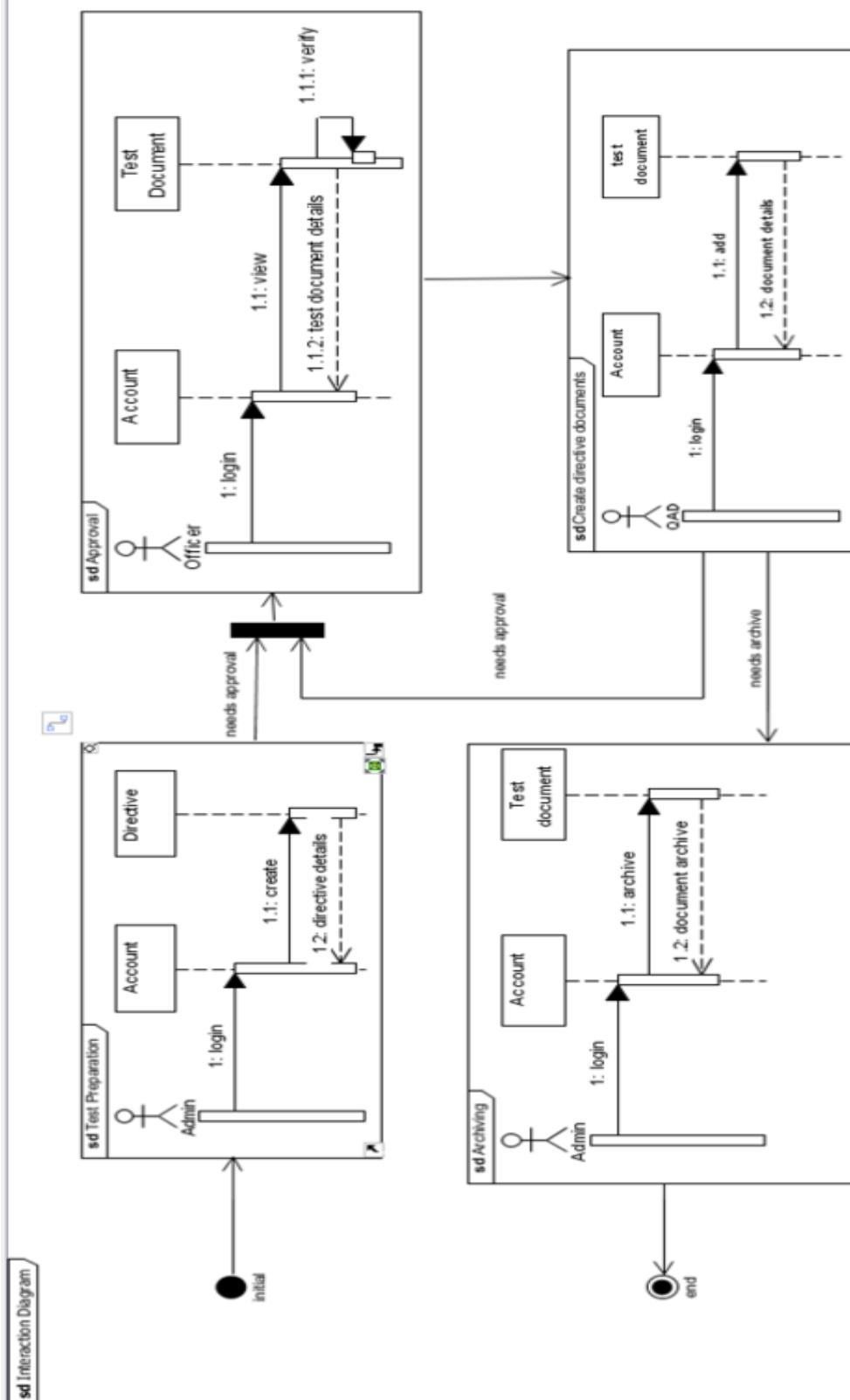
## Composite Diagram



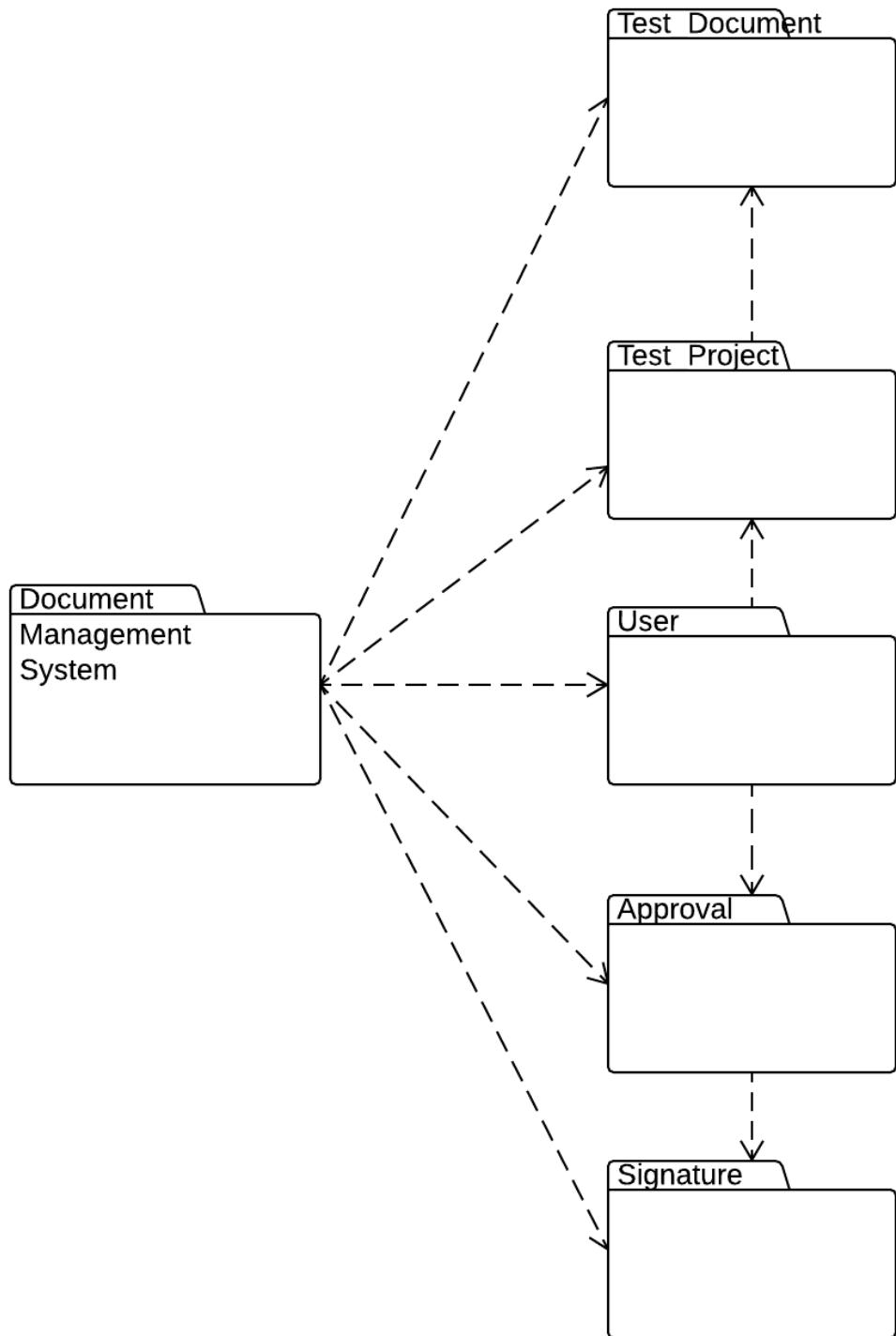
## Deployment Diagram



# Interaction Overview Diagram

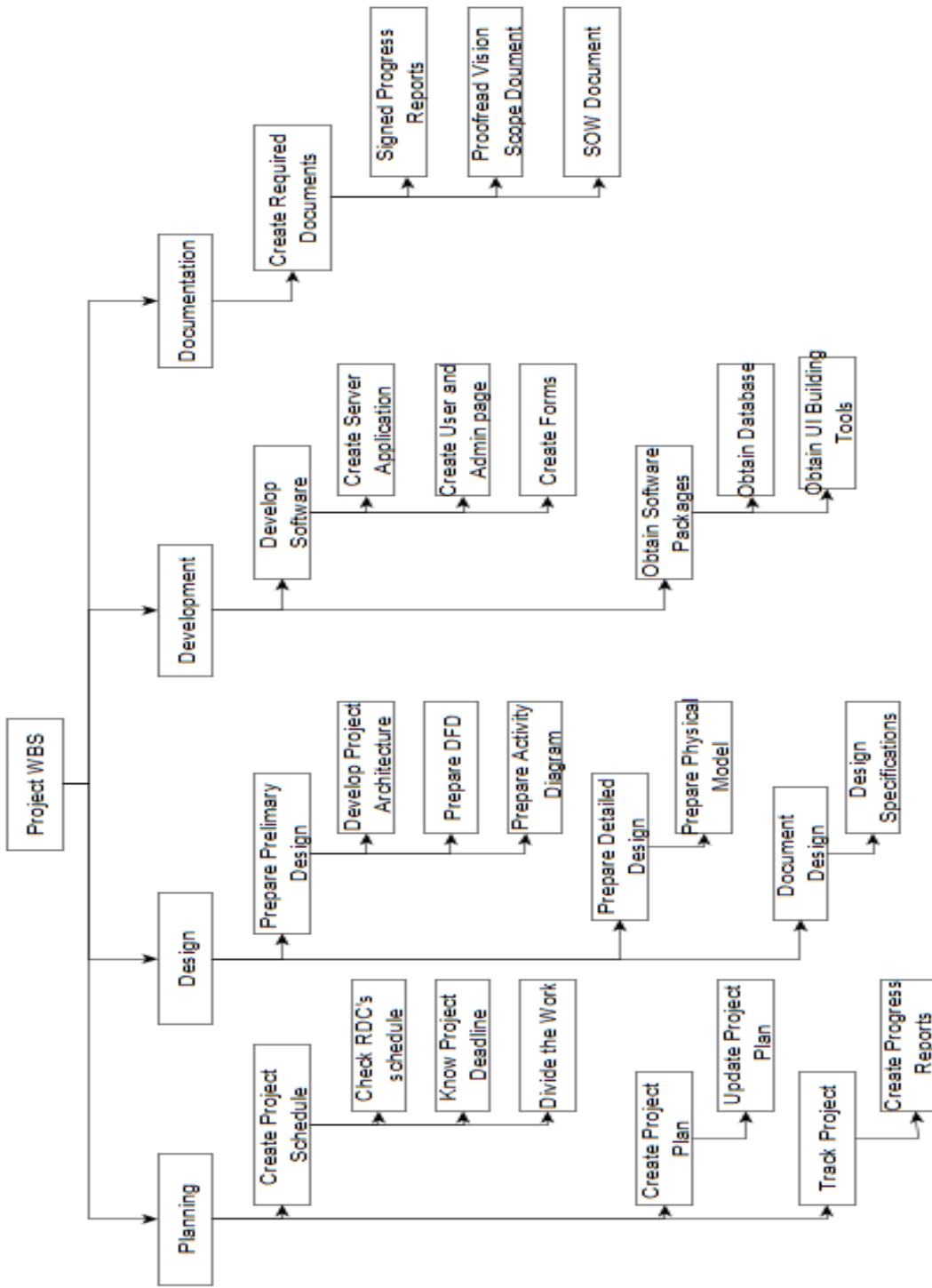


## Package Diagram



## Gantt Chart

### Work-Breakdown Structure



## Activity List

Activity #	Activity Name	Activity Name Description	# of Days	Start Date	Dependency	Milestone
1	Planning	Meeting	2	6/13/2016		Information of the project
2	Planning	Layout Project Plan	4	6/17/2016	2;3	Plan for project features
3	Analysis	Gather Information	3	6/20/2016	3	Additional Information
4	Analysis	Create Event Table	11	6/26/2016	7	Finalized Event Table
5	Analysis	Create Use Case Full Description	16	7/15/2016	7;8	Finalized Use Case Full Description
6	Analysis	UML Diagrams	16	8/4/2016	7;8;9	Finalized all UML Diagrams
7	Analysis	Update Wiki	2	8/26/2016	7;8;9;10	Updated Wiki and OneNote
8	Analysis	Develop GUI	14	8/26/2016	3;7;8;9;10	GUI of the proposed system
9	Analysis	Project Requirements	6	10/7/2016	3;7	Prepared all project requirements
10	Analysis	Activity List	76	6/27/2016		Activity List
11	Analysis	Bluemix	1	9/23/2016		Application for cloud hosting
12	Analysis	Create WBS	3	10/20/2016	14	WBS
13	Analysis	Create Gantt Chart	1	10/23/2016	14	Gantt Chart
14	Design	Design System	40	9/13/2016	3;5;7;8;9;10;12;18	Working system
15	Design	Design Database	20	9/25/2016	3;7;8;9;10	Database
16	Design	Update System	10	10/12/2016	3;5;7;8;9;10;12;18	Updated System

## **Project Vision and Scope Document**

### **1. Business Requirements**

The business requirements deliver details for the foundation and reference of the project developers for all the requirements.

#### **1.1. Background**

The File Management System for the Research Development Center, Army Support Command, Philippine Army (RDC, ASCOM, PA) is intended to improve the business process of the client by allowing the employees to track and process documents with ease. Furthermore, this is to lessen the use of paper in processing files since the project client still processes files manually with papers.

#### **1.2. Business Opportunity**

This project is valuable to the project client because it will improve their document processing and archiving and significantly reduce the use of papers. The product will help with the innovation of the office since they are under the Philippine Army which is currently under modernization programs.

#### **1.3. Business Objectives and Success Criteria**

The main goal in creating the system is to improve the client's business process in terms of reducing usage of papers and improving speed of processing documents. Since the employees print documents or letters 2-3 times before it is approved, the developers estimate that usage of papers will reduce by 60% because the paper will be printed only when all officers approve of it.

Below are the objectives in creating the project:

Objectives:

- By December 2016, the developers will finish a file management system for the project sponsor
- By December 2016, the developers will automate the system of RDC
- By February 2017, the file management system will reduce the use of papers and save money

#### **1.4. Customer or Market Needs**

The file management system will improve the daily routines and document processing of the project sponsor. It will provide a platform for the users where they can manage documents with ease.

The completed system will provide the following requirements:

- The system will run as a web service
- The system will show a calendar at the home page with schedules of current documents
- Only admin users can add and delete an account
- Each user has different privileges for the system

## **1.5. Business Risks**

Per client, there will be sensitive data that will be stored to the system. This is a business risk that is taken into consideration since the system should have encryptions to prevent attackers on retrieving such information that can harm the client sponsor.

## **2. Vision of the Solution**

As the Research Development Center of the Philippine Army plans to improve their way of managing and archiving files, RDC-File Management System is helping them to achieve this goal by creating a system that allows them to upload and track the file that every member of the office uploads.

### **2.1. Vision Statement**

For the Research Development Center of the Philippine Army that needs to improve their way of managing and archiving files. The RDC-File Management System is a web application that makes it easier for the office to manage and archive files. Unlike other file management systems that are complex and hard to navigate, this product is user-friendly and is easy to learn and use by all personnel.

### **2.2. Major Features**

Functional Requirements:

- Digital Calendar
  - Schedule a test
  - Tracking the progress of the document
- Worksheets
  - Create a worksheet
    - can create a blank worksheet that will be filled out
  - Edit a worksheet
    - can edit and add inputs into a worksheet
- Test documents
  - Report document
    - can create a report document based on the worksheet
- Daily routine
- Archiving test documents

- Display archive files

### **2.3. Assumptions and Dependencies**

- An assumption is made that employees are editing worksheets, one person at a time, to avoid conflict on the worksheet.
- An assumption is made that the Administrative division will update the electronic calendar every time a directive is added to the system.
- An assumption is made that archive files will be downloadable by the end of the term.
- The system will only cover the office of Research Development Center (RDC) of the AFP.

## **3. Scope and Limitations**

The project features will focus on faster document processing, security of documents, and document storage for the stakeholders in Research and Development Center of the Philippine Army to have faster and efficient transactions. To be able to do so, requirements elicitation, analysis and design must take place which were already done during the previous courses and the development/coding, testing, and deployment of the system must also be accomplished at the end of the term. In deploying the system, the developers will provide the actual site to the client.

### **3.1. Scope of Initial Release**

The first three weeks of the development aims to complete the user interfaces for both user and admin. Furthermore, to provide a privilege for the system admin that can register an account and assign different privileges depending on the rank or position of the employees in RDC. In the succeeding weeks, additional features will be provided such as a user uploading and downloading a document that can be sent to a specific user with high privilege who can modify or acknowledge the document. The app will have security features for documents uploaded and archived for the sake of confidentiality so no other user can have full access to a document.

### **3.2. Scope of Subsequent Releases**

As time goes by, improvement in security features may be added. Also, improvements in the user interface and additional features in the system such as calendar for scheduling may be done.

### **3.3. Limitations and Exclusions**

As the development of project goes by, the developers expect to only use Yii2 and Alfresco as software tool to develop the system and only limited to existing software or hardware configurations. The developers are

expecting not to use client's facility when developing the system but to use the school's facility and other places where the developers can develop, plan, and execute its tasks.

Since there was lack of time in developing the system and the complication of the business process if RDC, the project sponsors advised the developers to concentrate less on copying the whole process of RDC. Instead, focus more on uploading files with notifications and the calendar for scheduling.

#### **4. Business Context**

This segment summarizes a portion of the business issues around the project, including profiles of major users of the system, assumptions that went into the project idea, and the client sponsor priorities for the project.

##### **4.1. Stakeholder Profiles**

<b>Stakeholder</b>	<b>Major Value</b>	<b>Attitudes</b>	<b>Major Interests</b>	<b>Constraints</b>
RDC Testers	Improved productivity	See the project as a factor to improve the production	Maximize the production in a short period	Must properly use its functions and features while testing an item
(RDC) Quality Assurance Div.	Cost savings	Considers project an effective way to lessen the expenses.	To lessen the paper and ink used	N/A
All Departments (RDC)	Automation of previous manual tasks	Considers project a way to transform how to perform a task	Seek for better ways on how all departments perform its tasks.	Must properly use its functions and features

## 4.2. Project Priorities

Dimension	Driver	Constraints	Degree of Freedom
Schedule	Further updates will be released after the term		
Features	To have a calendar at the home page to track documents	100% of the functionalities must be implemented and other functionalities to be further defined	
Maintainability	User interface must be user-friendly to be easily understood by users		
Staff	The system must be easily modified and maintained by RDC staff	Team size is 3 developers	

## 4.3. Operating Environment

The System will operate in a Windows environment to be accessed with a web browser of users located within the departments of RDC. The users will only access the system during working hours and in the office. Users have different access controls which depends on their position or rank.

### Statement of Work

#### Introduction/Background

The Research Development Center, Army Support Command, Philippine Army (RDC, ADCOM, PA) needs a file management system where they can process and manage documents faster. This project is to help the office reduce their paper usage while modernizing their business process. It is important for the RDC to have this system since the AFP is under a modernization program, and the developers believe that this would be a great help to the project sponsors.

#### Scope of Work

The scope of work of RDC File Management System includes all processes and procedures for improving the existing process of the RDC on archiving and managing their files. The system will allow users to upload and download the directives that were uploaded by the administrator, and

to display an electronic calendar which allows the users to know when was the directive uploaded and keep track on it.

## **Period of Performance**

The period of performance for the system development is 11 months (330 days) beginning on January 2016 through 18 December 2016. To complete within the timeframe, all tasks or work must be scheduled accordingly. Modifications or extensions that needed must be coordinated to stakeholders for review and discussions.

## **Place of Performance**

Research Development Center File Management System performs their work in a single provision. They sometimes schedule an appointment to the Director of RDC for consulting some verifications about the project. RDC pledge to invite the developers to its office for meetings.

## **Work Requirements**

The team will be responsible for performing tasks throughout various stages of the project as being part of the development of RDC-document management system. The following is a list of these tasks which will result in the successful completion of this project:

### Kickoff:

- The project team will create and present detailed project plan including schedule, WBS, testing plan, and implementation plan.
- The project team will present the project plan to RDC for review and approval

### Design Phase:

- Gather further requirements from RDC and establish metrics
- Create system design with features based on collected/additional requirements
- Request for RDC review and approval of system design
- Present status report at weekly meeting

### Build Phase:

- The project team will complete all coding of system
- The project team will include all features needed by the RDC's requirements.
- The project team will conduct testing
- The project team will resolve any possible error or issues identified in testing
- Present status report at weekly meeting

**Implementation Phase:**

- The project team will implement the system with the use of a third- party software and web service.
- Present status report at weekly meeting

**Training Phase:**

- The project team will provide detailed instructions to the stakeholders of RDC and show how the system works.
- Present status report at weekly meeting

**Project Handoff/Closure:**

- The project team will present all documents to RDC for review and approval
- The project team will present project requirements checklist showing that all project tasks and requirements are accomplished

## **Schedule/Milestones**

RFP/SOW Release	October 13, 2016
Period of Performance Begins	January 2016
System Design Review	
System Implementation Review	
Implementation Complete	December 18, 2016
Training Complete	
Project Completion Review	
Project Closure/Archives Complete	

## **Acceptance Criteria**

The project manager will forward all deliverables to the project sponsor. If possible, the whole team will go to the office to further discuss arguments regarding the project or documents needed for the project. The director of RDC or other officers in the office should be the one who will sign deliverables for approval. This is to ensure that integrity of discussions and documents is maintained.

Any discrepancies involving completion of project tasks or disagreement between RDC and the researchers will be referred to both organizations' contracting offices for review and discussion.

## **Other Requirements**

All project team members must fill out and submit a biodata form from the project sponsor for security purposes. Furthermore, the developers cannot ask for sensitive data from the project sponsors.

## Change Management Plan

### Introduction

This Change Management Plan was created for the Document Management System (DMS) to design the method of handling changes, determine changes, and the overall process of managing changes. Stakeholders are required to submit or ask for changes from the DMS Project in accordance with this Change Management Plan and all solicitations and entries will follow the process stated in this document.

### Change Management Approach

The approach for this DMS Project will guarantee that all requested changes are well-defined, studied and approved so changes can be applied and communicated to stakeholders. This approach is to guarantee that only revisions under the scope of the project are approved and implemented.

The Change Management Approach consists of these purposes:

- To validate that changes are under project scope and is helpful to the project
- To know how the revision will be performed
- To manage the revision as it is implemented

The Change Management process has been designed to make sure this approach is followed for all changes. By using this approach methodology, the team will prevent unnecessary revisions from occurring and focus its resources only on beneficial changes within the project scope.

### Definitions of Change

The project manager must ensure that any approved changes are communicated to the project stakeholders. Additionally, as changes are approved, the project manager must ensure that the changes are captured in the project documentation where necessary. These document updates must then be communicated to the project team and stakeholders as well.

Several types of changes may be proposed for the DMS project. All stakeholders should be informed regarding the changes to be made to the documentation of the project. Types of changes include:

- **Scope change:** changes that are necessary and have effect on the project scope and may have impact on budget and schedule. Revisions on WBS, project vision and scope, and project documentation are needed.
- **Requirements change:** these changes are necessary and may have effect on the project schedule. Software features are needed to be changed on the documentation. This change is necessary when the

developers failed to analyze the project sponsor workflow well or the project client was not able to explain the complete workflow to the project developers.

- **Scheduling Changes:** changes which will impact the approved project schedule. These changes may require fast tracking, crashing, or re-baselining the schedule depending on the significance of the impact.
- **Budget Changes:** changes which will impact the approved project budget. These changes may require requesting additional funding, releasing funding which would no longer be required, or adding to project or management reserves. May require changes to the cost baseline.

## Change Control Board

The Change Control Board (CCB) is the people involved in the project, be it project sponsor or project developer who has the authority to approve proposed revision requests relating to the DMS Project. The role of the CCB is to review change proposals, know the impact of change proposal on the project risk, scope, cost, and schedule, and to decide whether to implement or deny change requests. The chart below provides a list of the CCB members of the project:

Name	Position	CCB Role
RDC Director	DMS Project Sponsor	CCB Chair
Catayoc, Jacob	Project Adviser	CCB Co-Chair
RDC, Administrative	DMS Project Sponsor	CCB Member
RDC, QAD Chief	DMS Project Sponsor	CCB Member
Caranto, Edric	Project Manager	CCB Member

Project stakeholders will send change requests to the project manager to log the requests. The CCB will arrange a meeting to discuss about the change and decide whether to implement or decline the change requests. All CCB members should vote to approve the change request for the request to be implemented. On the event that a change request is denied, the change request will be delivered back to the requestor for more clarification.

## Roles and Responsibilities

The following are the roles and responsibilities for all change management efforts related to the IS Project:

### Project Sponsor:

- Approves all the progressions to spending plan distributions
- Approves all the progressions timetable standard
- Approves any progressions in project scope
- Leads the CCB

**Project Manager:**

- Receive and log all change demands from venture partners
- Lead preparatory threat, cost, plan, scope examination of progress before CCB
- Pursue explanation from change requestors on any exposed conflicts or concerns
- Create documentation amendments/edits as needed for all approved progressions
- Contribute on CCB

**Project Team/Stakeholders:**

- Submit all change requests on normal administrative revisions request forms
- Provide all appropriate information and feature on revision request forms
- Be prepared to report questions concerning any submitted revision requests
- Provide response as needed on effect of proposed changes

## **Change Control Process**

The Change Control Process for the IS Project will follow the organizational standard change process for all projects. The project manager has overall responsibility for executing the change management process for each change request.

- 1) Recognize the requirement for an alteration (Stakeholders) – Change requestor will submit a finalized revision request form to the project manager.
- 2) Record revisions in the change request record (Project Manager) – The project manager will keep a record of all submitted change requests throughout the project's development.
- 3) Evaluate the revision (Project Manager, Team, Requestor) – The project manager will conduct an initial examination on the effect of the change to threat, cost, schedule, and scope and ask an explanation from team members and the change requestor.
- 4) Submit revision request to CCB (Project Manager) – The project manager will submit the change request, as well as the initial examination, to the CCB for assessment.
- 5) Finalize decision on revision request (CCB) – The CCB will discuss the proposed revisions and decide whether it will be accepted based on all submitted information.
- 6) Apply the revisions (Project Manager) – If a revision is approved by the CCB, the project manager will update and re-baseline project credentials as needed.

## **Software Requirements Specification**

### **1. Introduction**

#### **1.1. Purpose**

This Software Requirements Specification document describes the software functional and nonfunctional requirements for release 1.0 of the Document Management System for the Research Development Center of the Philippine Army. This document will be used by the project developers that will implement and check if the project is functioning properly.

#### **1.2. Document Conventions**

This Document is arranged on Microsoft Word 2016 with “Arial” as font style and a font size of 11. Each part of the document title is set as heading 1 styles and its subtitle is set as heading 2 styles.

#### **1.3. Acronym and Abbreviations:**

- DMS: Document Management System
- RDC: Research Development Center

#### **1.4. Intended Audience and Reading Suggestions**

This document is for the project developers, project advisers, project client, future users of the proposed system, and project defense panel. This SRS document contains the intended purpose of the system and what it will do and how it will perform.

#### **1.5. Product Scope**

The file management system will allow faster document processing and reduce the paper usage of the office. A more detailed project description is available in the *RDC – File Management System Project Vision and Scope Document*.

## **References**

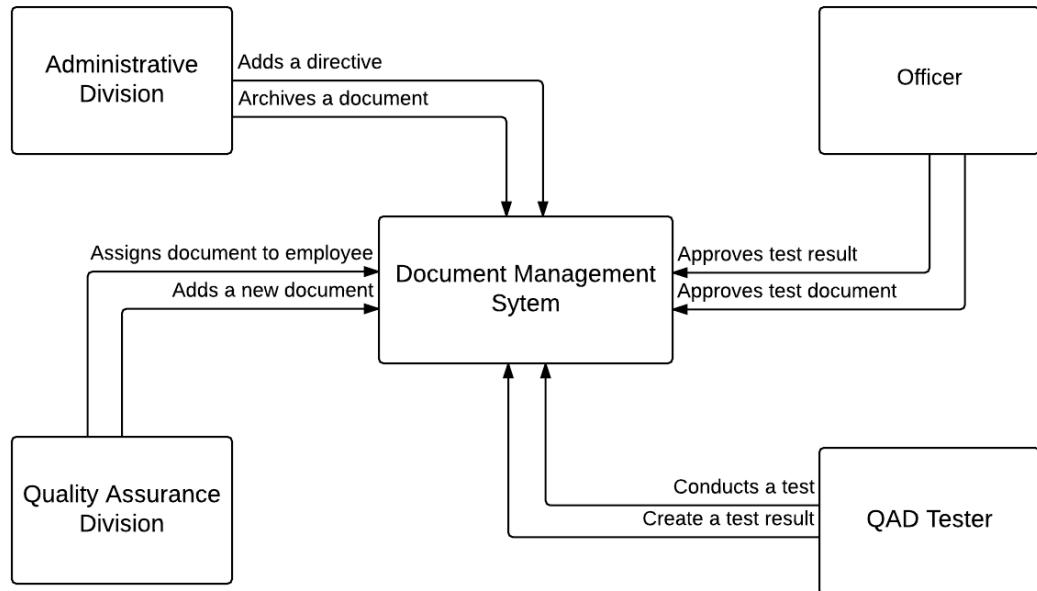
- RDC – Document Management System Project Vision and Scope Document
- RDC – Document Management System Statement of Work Document

## **2. Overall Description**

### **2.1. Product Perspective**

The RDC document management system is a system that replaces the current manual and paper based processing of item testing in RDC. The

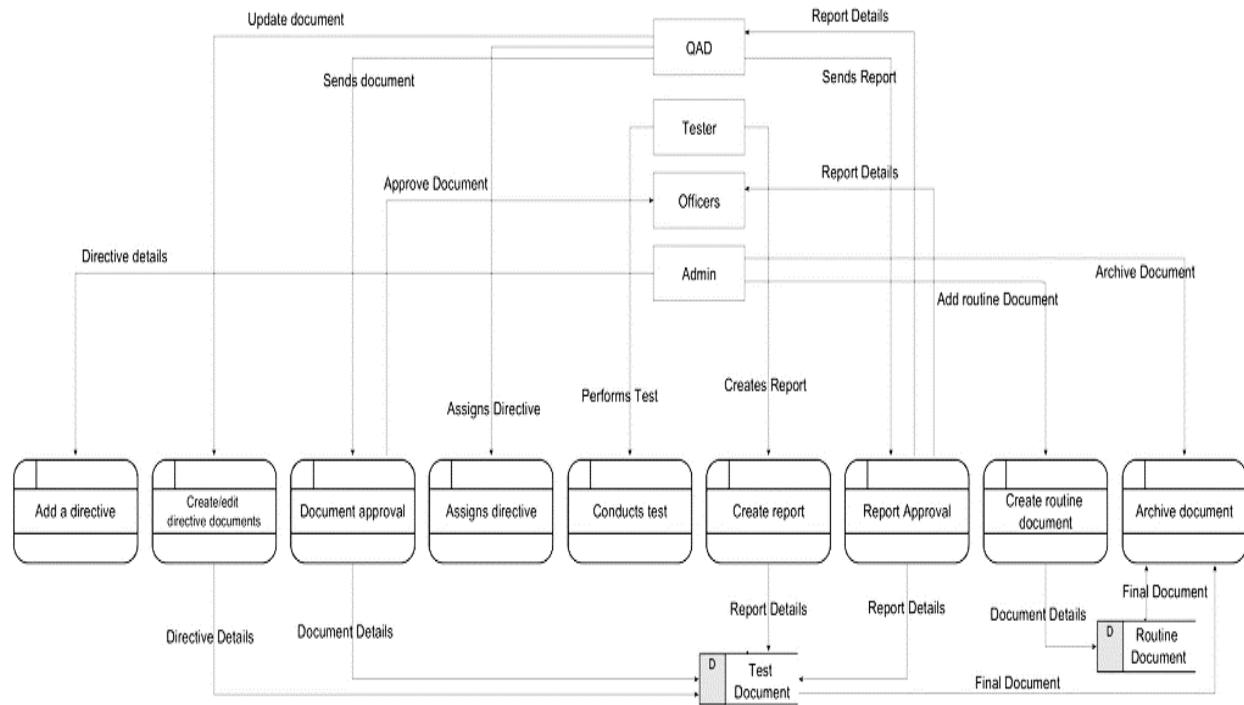
system enables employees of RDC to submit and acknowledge documents that is being processed by different departments without the use of papers. Furthermore, it enables employees of RDC to archive all documents that were accomplished.



## 2.2. Product Functions

The following are functions of the File management system:

- Employee
  - Admin
    - Can add/delete users accounts
    - Can add directive
    - Can archive final document folder
  - Tester
    - Can edit test worksheet
    - Can create/edit report document
  - Quality Assurance Division (QAD)
    - Can create/edit directive documents
  - Director/Officers
    - Can access documents
    - Can acknowledge and approve documents



### 2.3. User Classes and Characteristics

Stated below are the anticipated users of the proposed document management system.

- System Administrator

The admin has the highest among all users of the system having the right to register a user and assigns appropriate permissions to it. The admin must be able to archive documents done by other users.

- Tester

The testers are employees under the QAD and shall use the system while conducting a test by editing test worksheet document and creating report document. As soon as the testers are done, they can submit the documents and wait for approval.

- QAD

QAD are the employee who are creating directive documents such as implementation plan, item specification, and test worksheet. Also, they assign task/directive to the testers.

- Director & Officers

Director and Officer are users with higher privilege than QAD and Tester having the right to access documents at the same time acknowledge or approve documents submitted by the QAD and testers. The merely role of the director and officer in the system is to check the documents being submitted is approve or not. If not, it notifies the user who submits the document.

## **2.4. Operating Environment**

OE-1: The system shall operate in current versions of web browsers. Any web browsers (Mozilla Firefox, Google Chrome, or Microsoft Edge)

OE-2: The system shall operate with IBM Bluemix web hosting and may operate in a windows operating system.

## **2.5. Design and Implementation Constraints**

CO-1: All scripts must be written in PHP

CO-2: The system shall adapt the standards of web security

## **2.6. User Documentation**

The project team will provide user manuals for frontend and backend users. These manuals will include instructions on how to use the functionalities of the system and will be created for the employees of the RDC. Because of this, it is assumed that the readers of this manuals do not have absolute knowledge about the system.

## **2.7. Assumptions and Dependencies**

AS-1: the system will only operate during the RDC's working hours.

AS-2: Admin can assign permissions to new user accounts

AS-3: All users can view the list of activities or task in a calendar

AS-4: General users can add documents on the system.

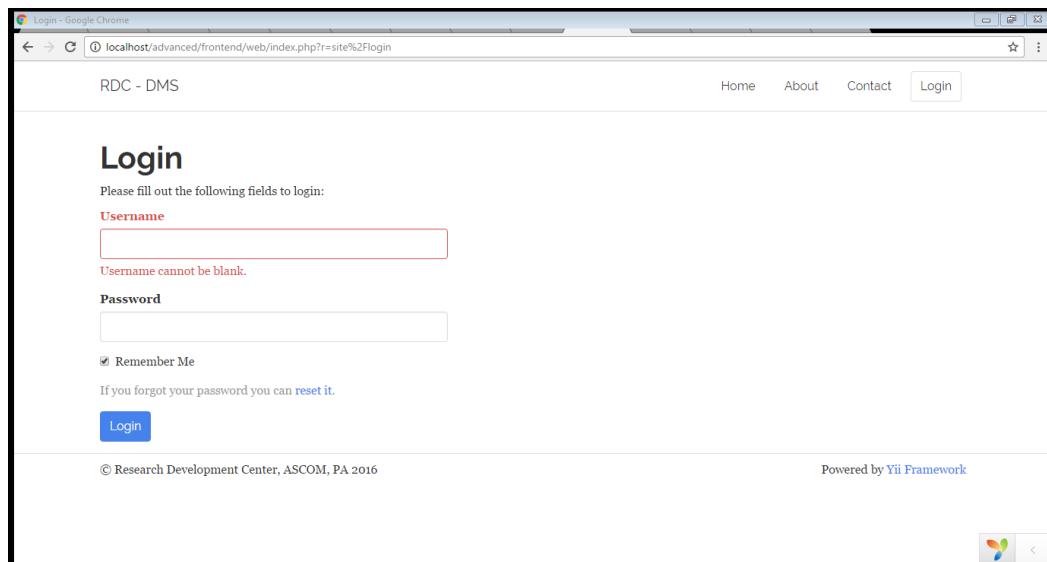
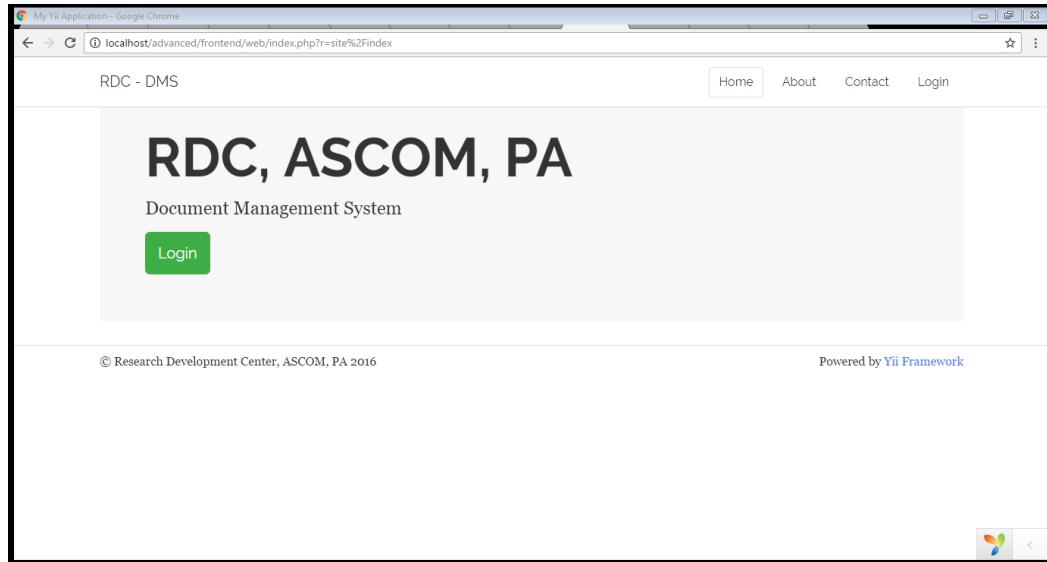
DE-1: The admin must register Employee

DE-2: The terminals must be connected to the internet

DE-3: Web browser is needed to access the system.

### 3. External Interface Requirements

#### 3.1. User Interfaces



Name	Type
Test Project 1	Acceptance

ID	Date	Name	Document Type
1	2012-12-12	Directive	Directive

No results found.

### 3.2. Hardware Interfaces

For client side:

- **Hardware:** Minimum System Requirements
- **Processor:** at least 1.6 GHz processor or above
- **Disk Space:** 256GB or above
- **Memory:** 2GB RAM or above
- **Screen resolution:** at least 800 x 600 colors or above

### 3.3. Software Interfaces

The needed software interfaces to use the RDC-File Management System are the following:

- Any version of Windows operating system environment
- The use of Web browsers, e.g. Chrome, Mozilla Firefox, Microsoft Edge, or Internet Explorer to view its contents
- All the User Interfaces; both the layout and functionality are done with the use of Yii2 advanced framework. It uses HTML, CSS, Bootstrap, JQuery, and PHP
- The database is included

### 3.4. Communications Interfaces

- stable internet connection
- Client side will be using HTTPS communication protocol
- A web browser

## 4. System Features

### 4.1. Import/Export an Excel File

#### 4.1.1 Description and Priority

- Allows the user, with proper privileges, to import or export an excel file to the system.
- High priority since the office use excel files for their worksheets.

#### 4.1.2 Stimulus/Response Sequences

Stimulus	Response
Tester saves an excel file	System saves the excel file
User exports the excel file	System exports the excel file

#### 4.1.3 Functional Requirements

REQ-1: The user must log in to the system.

REQ-2: The user must have permissions to import/export an excel file

## 4.2 Add an event to the calendar

### 4.2.1 Description and Priority

- Allows the user, with proper privileges, to add an event to the virtual calendar
- High priority since the office relies on their calendar for daily tasks.

#### 4.2.2 Stimulus/Response Sequences

Stimulus	Response
User adds an event	System adds event to the calendar
User views the calendar	System outputs the calendar

#### 4.2.3 Functional Requirements

REQ-1: The user must log in to the system

REQ-2: There should be directive details

REQ-3: The user must have permissions to add an event regarding testing

### **4.3. Add, view, update, and delete a document**

#### **4.3.1 Description and Priority**

- Allows the user, with proper privileges, to have access to CRUD functionalities
- High priority since the office produce different types of documents when testing an item.

#### **4.3.2 Stimulus/Response Sequences**

Stimulus	Response
Add a document	System saves document to database
View a document	System outputs view of a document
Update a document	System updates a document in the database
Delete a document	System deletes the document from the database

#### **4.3.3 Functional Requirements**

REQ-1: The user must log in to the system

REQ-2: A user that is assigned to specific permissions can only use functionalities that are appropriate to its position

## **5. Other Nonfunctional Requirements**

### **5.1. Performance Requirements**

Performance requirements defines response times towards the functionality of the system. Regardless of the errors that happened when developing this system. The result of this system will be based on the hardware and software components of the computer that will be used.

### **5.2. Safety Requirements**

There are user levels in the system that have different access in the functionalities of the system. It also has a log in page wherein the user logs their username and password. By logging in each account will be given accessible functions of the system per their user level.

### **5.3. Security Requirements**

The administrative division, quality assurance division (QAD), and other employees will be able to log in to the system. Each user will have access to functionalities of the system but with certain privileges only. QAD will

have higher access than the staff due to their ranks. The admin will have all the functionalities of the system; He can also ensure the security of the system by the log in page that needs his permission to add a user

#### **5.4. Software Quality Attributes**

- a. Maintainability: Keeping and repairing would be fast and easy which can be restored to operational status after a failure has occurred.
- b. Reliability: The system will be expected to produce stable and consistent results.
- c. Security: Features of this system will depend on the rank of the user and will be also requiring the user to log in before having an access to the system.
- d. Efficiency: The system lessens the time and reduce the use of paper to simply finish a certain report through the system.
- e. Usability: The system is expected to have user-friendly features which helps the user to use the system with ease.

#### **5.5. Business Rules**

RDC Document Management System will function under different users those are the Admin, QAD, Director, QAD Tester. The system is created that all functionalities will be divided between the Admin, QAD, Director and QAD tester. The part of the Admin can take control of everything that happens in the system. While the QAD can add, and create a test worksheet. Some features which is conducting a test and filling up a worksheet will be assigned to the QAD tester. While the Director is given the authority to approve or disapprove the documents from the QAD which is related to the directive that was given to the RDC.

#### **Appendix A: Glossary**

**Directive** an official or authoritative instruction

**Implementation plan** is a management tool designed to illustrate, in detail, the critical steps in developing and starting a project.

**Director** a member of the board of people that manages or oversees the affairs of a business.

**Quality Assurance Division** is to improve the management performance level, accountability, and data reporting of local public housing agencies participating in the Department's voucher rental assistance and homeownership programs and to maximize the cost and management effectiveness and efficiency of the programs.

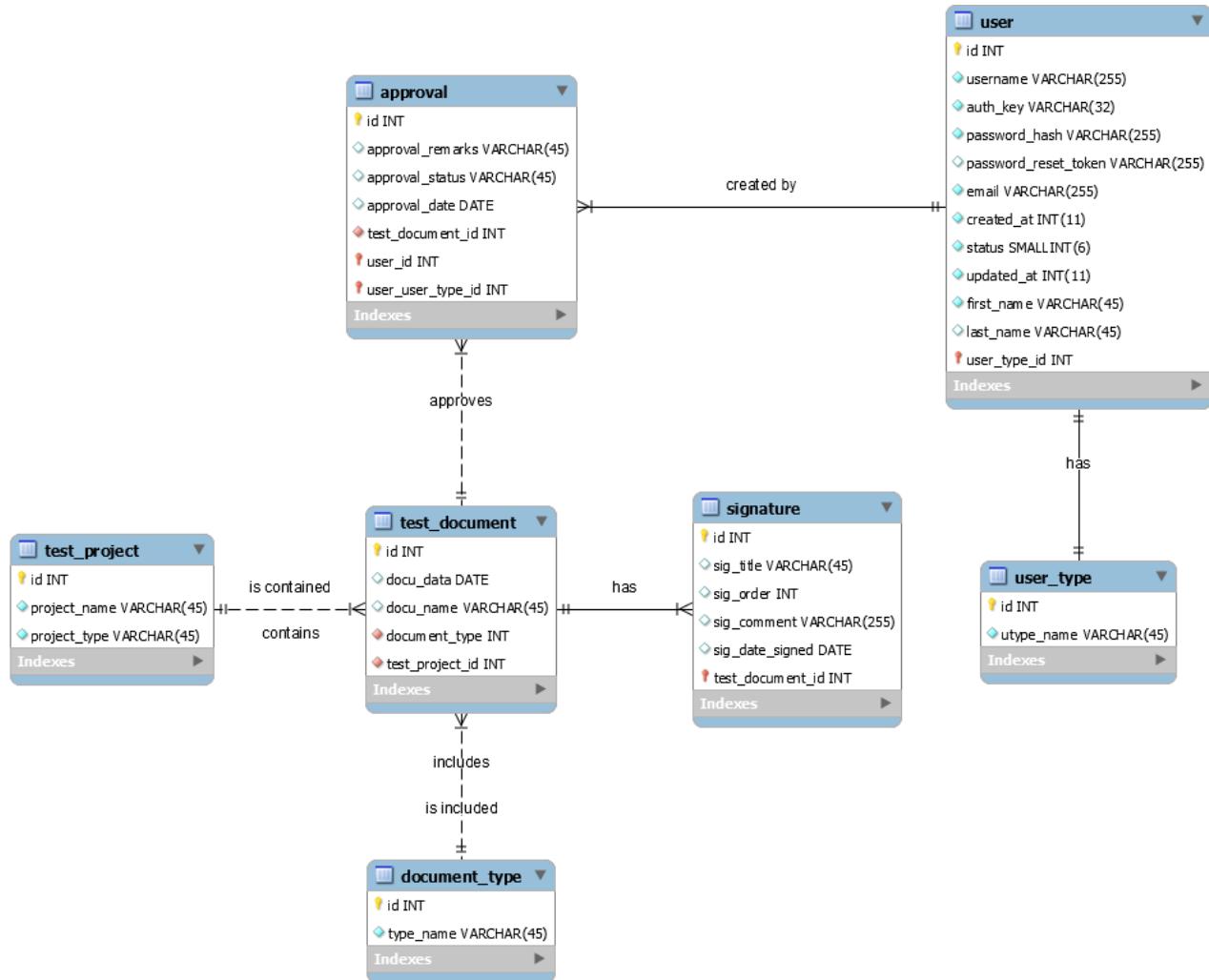
**Tester** a person who tests something, especially a new product.

**Administrator** a person responsible for running a business, organization, etc.

**Worksheet** a paper for recording work done or in progress

**Test documents** a piece of written, printed, or electronic matter that provides information or evidence or that serves as an official record.

## Appendix B: Analysis Models



## Quality Plan

### 1. Introduction

This document, together with other referenced documents, defines the responsibilities and procedures to be adopted to ensure that the data and information produced as part of Project RDC, ASCOM, PA – Document Management System are reliable, fit for purpose and consistent with documented objectives and deliverables. It serves as a reference for the developers the system and of the internal management that governs the decisions and instructions concerning project quality assurance.

## **2. Project Contractual Information**

Project:	RDC – Document Management System
Program coordinator:	Lt. Col Leo Edward Caranto
Principal Investigators(s):	RDC Quality Assurance Division RDC Administrative Division

## **3. Scope of Work and Quality Objectives**

Scope of work:	<p>The coverage of the Project RDC – Document Management System is as follows:</p> <ul style="list-style-type: none"> <li>• Only the processes within the office will be automated</li> <li>• A database for archiving or finalizing documents</li> <li>• Only the admin user can add, edit, or delete accounts</li> <li>• Only employees in the administrative division can create a new test-project</li> </ul> <p>Access on the system is only available for the employees of the Research Development Centre. These employees should have an account that is entered by the administrative division.</p>
Quality Objectives:	<p>The quality objectives of the Project RDC - Document Management System are as follows:</p> <ul style="list-style-type: none"> <li>• To automate processing of papers for the employees of RDC</li> <li>• To develop a database where access and archiving of files can be faster</li> <li>• To improve the client's business process in terms of reducing usage of papers and improving speed of processing documents.</li> </ul>

QA Requirement:

#### 4. Project Organisation

Project  
Manager(s):

Caranto, Edric Jon Cleon B.  
*Project Manager*

Quality Assurance:

Caranto, Edric Jon Cleon B.  
*Project Manager*

Other Team  
Members:

Buan, Michael John S.  
*Project Developer*

Carlos, Christian Aleck S.  
*Project Developer*

Technical Reviews:

Lt. Col. Leo Edward Caranto  
*Project Sponsor*

Catayoc, Jacob  
*Project Adviser*

Sanchez, Manuel Sebastian  
*Class Professor*

## 5. Project Duration and Scheduling

Start Date:

June 13, 2016

Completion Date:

December 14, 2016

Scheduling of Activities:

Gantt charts may be used to clarify complex scheduling; any milestones or hold points should be identified.

Activity #	Activity Name	Activity Name Description	# of Days	Start Date	Dependency	Milestone
1	Planning	Meeting	2	6/13/2016		Information of the project
2	Planning	Layout Project Plan	4	6/17/2016	2;3	Plan for project features
3	Analysis	Gather Information	3	6/20/2016		3 Additional Information
4	Analysis	Create Event Table	11	6/26/2016		7 Finalized Event Table
5	Analysis	Create Use Case Full Description	16	7/15/2016		7;8 Finalized Use Case Full Description
6	Analysis	UML Diagrams	16	8/4/2016		7;8;9 Finalized all UML Diagrams
7	Analysis	Update Wiki	2	8/26/2016		7;8;9;10 Updated Wiki and OneNote
8	Analysis	Develop GUI	14	8/26/2016		3;7;8;9;10 GUI of the proposed system
9	Analysis	Project Requirements	6	10/7/2016		3;7 Prepared all project requirements
10	Analysis	Activity List	76	6/27/2016		Activity List
11	Analysis	Bluemix	1	9/23/2016		Application for cloud hosting
12	Analysis	Create WBS	3	10/20/2016		14 WBS
13	Analysis	Create Gantt Chart	1	10/23/2016		14 Gantt Chart
14	Design	Design System	40	9/13/2016	3;5;7;8;9;10;12;18	Working system
15	Design	Design Database	20	9/25/2016	3;7;8;9;10	Database
16	Design	Update System	10	10/12/2016	3;5;7;8;9;10;12;18	Updated System

## 6. Deliverables

Deliverables specified for the project include:

- An acceptable Quality Plan
- An acceptable Change Management Plan
- An acceptable Software Requirement Specification
- An acceptable Scope of Work
- An acceptable Project Vision and Scope
- Progress Reports
- User Manual
- Final Paper

## 7. Review of Quality Plan

This quality plan will be reviewed every consortium or consultancy meetings, whether the meeting is with the project sponsor or project adviser, to achieve consistency of the project with the documented

objectives and deliverables. This document will also be reviewed together with some improvements of the system.

## **8. Document and Record Control**

Project documents, records and data will be managed and stored in Projects Wiki ([www.Projects2.apc.edu.ph/wiki](http://www.Projects2.apc.edu.ph/wiki)) by Buan, Michael John, Caranto, Edric Jon Cleon and Carlos, Christian Aleck and GitHub ([www.Github.com](http://www.Github.com)), a web-based repository hosting service that propose all the distributed version control. It can accessible for consultation by all the members of the team.

The Project Vision and Scope, Scope of Work, Software Requirement Specification, Change Management Plan and Quality Plan will be issued to the project stakeholders.

Project Progress Report will be issued to the following:

- Professor
- Project Adviser

## **9. Documented Procedures**

Quality Manual ISO 9001:2015 Quality Management Systems

## **10. Additional Information**

Unless included in associated technical procedures, any other information that has direct relevance to the quality of the product or service being provided should be included in the Quality Plan. This could include:

- i. additional procedures and controls for the review and verification of deliverables or other documents;
- ii. special requirements for the identification and traceability of products, including, where applicable, the traceability of staff performing specific duties;
- iii. special criteria for identifying the status of inspection and test implementation of procedures;
- iv. minimum qualifications, training or experience required of staff to undertake certain activities, or any specialist staff training;
- v. process control requirements, including monitoring of activities, and user access control;
- vi. requirement for servicing of a product for which ongoing maintenance is required;
- vii. specialist statistical techniques required.

## Relevant Source Code

Source code for the test project controller:

```
<?php

namespace frontend\controllers;

use Yii;
use common\models\TestProject;
use common\models\TestProjectSearch;
use yii\web\Controller;
use yii\web\NotFoundHttpException;
use yii\filters\VerbFilter;

/**
 * TestProjectController implements the CRUD actions for TestProject
 * model.
 */
class TestProjectController extends Controller
{
    /**
     * @inheritdoc
     */
    public function behaviors()
    {
        return [
            'verbs' => [
                'class' => VerbFilter::className(),
                'actions' => [
                    'delete' => ['POST'],
                ],
            ],
        ];
    }

    /**
     * Lists all TestProject models.
     * @return mixed
     */
    public function actionIndex()
    {
        $searchModel = new TestProjectSearch();
        $dataProvider = $searchModel->search(Yii::$app->request->queryParams);

        return $this->render('index', [
            'searchModel' => $searchModel,
            'dataProvider' => $dataProvider,
        ]);
    }

    /**
     * Displays a single TestProject model.
     * @param integer $id
     * @return mixed
     */
    public function actionView($id)
    {
        return $this->render('view', [
            'model' => $this->findModel($id),
        ]);
    }
}
```

```

    /**
     * Creates a new TestProject model.
     * If creation is successful, the browser will be redirected to the
     'view' page.
     * @return mixed
     */
    public function actionCreate()
    {
        $model = new TestProject();

        if ($model->load(Yii::$app->request->post()) && $model->save()) {
            return $this->redirect(['view', 'id' => $model->id]);
        } else {
            return $this->render('create', [
                'model' => $model,
            ]);
        }
    }

    /**
     * Updates an existing TestProject model.
     * If update is successful, the browser will be redirected to the
     'view' page.
     * @param integer $id
     * @return mixed
     */
    public function actionUpdate($id)
    {
        $model = $this->findModel($id);

        if ($model->load(Yii::$app->request->post()) && $model->save()) {
            return $this->redirect(['view', 'id' => $model->id]);
        } else {
            return $this->render('update', [
                'model' => $model,
            ]);
        }
    }

    /**
     * Deletes an existing TestProject model.
     * If deletion is successful, the browser will be redirected to the
     'index' page.
     * @param integer $id
     * @return mixed
     */
    public function actionDelete($id)
    {
        $this->findModel($id)->delete();

        return $this->redirect(['index']);
    }

    /**
     * Finds the TestProject model based on its primary key value.
     * If the model is not found, a 404 HTTP exception will be thrown.
     * @param integer $id
     * @return TestProject the loaded model
     * @throws NotFoundHttpException if the model cannot be found
     */
    protected function findModel($id)
    {
        if (($model = TestProject::findOne($id)) !== null) {

```

```
        return $model;
    } else {
        throw new NotFoundHttpException('The requested page does not
exist.');
    }
}
```

## Source code for the test project model:

```
<?php

namespace common\models;

use Yii;

/**
 * This is the model class for table "test_project".
 *
 * @property integer $id
 * @property string $project_name
 * @property string $project_type
 */
class TestProject extends \yii\db\ActiveRecord
{
    /**
     * @inheritdoc
     */
    public static function tableName()
    {
        return 'test_project';
    }

    /**
     * @inheritdoc
     */
    public function rules()
    {
        return [
            [['project_name', 'project_type'], 'required'],
            [['project_name'], 'string', 'max' => 255],
            [['project_type'], 'string', 'max' => 45],
        ];
    }

    /**
     * @inheritdoc
     */
    public function attributeLabels()
    {
        return [
            'id' => 'ID',
            'project_name' => 'Project Name',
            'project_type' => 'Project Type',
        ];
    }
}
```

## Test document controller

```
<?php

namespace frontend\controllers;

use Yii;
use common\models\TestDocument;
use common\models\TestDocumentSearch;
use yii\web\Controller;
use yii\web\NotFoundHttpException;
use yii\filters\VerbFilter;
use yii\web\UploadedFile;

/**
 * TestDocumentController implements the CRUD actions for TestDocument model.
 */
class TestDocumentController extends Controller
{
    /**
     * @inheritdoc
     */
    public function behaviors()
    {
        return [
            'verbs' => [
                'class' => VerbFilter::className(),
                'actions' => [
                    'delete' => ['POST'],
                ],
            ],
        ];
    }

    /**
     * Lists all TestDocument models.
     * @return mixed
     */
    public function actionIndex()
    {
        $searchModel = new TestDocumentSearch();
        $dataProvider = $searchModel->search(Yii::$app->request->queryParams);

        return $this->render('index', [
            'searchModel' => $searchModel,
            'dataProvider' => $dataProvider,
        ]);
    }

    /**
     * Displays a single TestDocument model.
     * @param integer $id
     * @return mixed
     */
    public function actionView($id)
    {
        return $this->render('view', [
            'model' => $this->findModel($id),
        ]);
    }
}
```

```

* Creates a new TestDocument model.
* If creation is successful, the browser will be redirected to the 'view' page.
* @return mixed
*/
public function actionCreate()
{
    $model = new TestDocument();

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        // get the instance of the uploaded file
        $docuName = $model->docu_name;
        $model->docu_file = UploadedFile::getInstance($model, 'docu_file');
        $model->docu_file->saveAs('uploads/' . $docuName . '.' . $model->docu_file-
>extension);

        // save the path in the db column
        $model->document = 'uploads/' . $docuName . '.' . $model->docu_file->extension;
        $model->save();

        return $this->redirect(['test-project/index', 'model' => $model]);
    } else {
        return $this->renderAjax('create', [
            'model' => $model,
        ]);
    }
}

/**
* Updates an existing TestDocument model.
* If update is successful, the browser will be redirected to the 'view' page.
* @param integer $id
* @return mixed
*/
public function actionUpdate($id)
{
    $model = $this->findModel($id);

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        return $this->redirect(['view', 'id' => $model->id]);
    } else {
        return $this->render('update', [
            'model' => $model,
        ]);
    }
}

/**
* Deletes an existing TestDocument model.
* If deletion is successful, the browser will be redirected to the 'index' page.
* @param integer $id
* @return mixed
*/
public function actionDelete($id)
{
    $this->findModel($id)->delete();

    return $this->redirect(['index/**
* Finds the TestDocument model based on its primary key value.
* If the model is not found, a 404 HTTP exception will be thrown.
* @param integer $id

```

```

    * @return TestDocument the loaded model
    * @throws NotFoundHttpException if the model cannot be found
    */
protected function findModel($id)
{
    if (($model = TestDocument::findOne($id)) !== null) {
        return $model;
    } else {
        throw new NotFoundHttpException('The requested page does not exist.');
    }
}

public function actionDownload($file) {

    $model = new TestDocument();

    // $file = 'uploads/'.$model->docu_name.'.docx';
    if (file_exists($file)) {
        return Yii::$app->response->sendFile($file);
        // $this->redirect(['view']);
    } else {
        return $this->redirect(['index']);
    }
}
}

```

## Test document model

```

<?php

namespace common\models;

use Yii;

/**
 * This is the model class for table "test_document".
 *
 * @property integer $id
 * @property string $docu_date
 * @property string $docu_name
 * @property integer $document_type
 * @property integer $test_project_id
 * @property string $document
 */
class TestDocument extends \yii\db\ActiveRecord
{
    /**
     * @inheritdoc
     */
    public $docu_file;

    public static function tableName()
    {
        return 'test_document';
    }

    /**
     * @inheritdoc
     */
    public function rules()
    {

```

```

        return [
            [['docu_date', 'docu_name', 'document_type', 'test_project_id'],
            'required'],
            [['docu_date'], 'safe'],
            [['document_type'], 'test_project_id'], 'integer'],
            [['docu_name']], 'string', 'max' => 255],
            [['document']], 'string', 'max' => 100],
            [['docu_file']], 'file'],
        ];
    }

    /**
     * @inheritDoc
     */
    public function attributeLabels()
    {
        return [
            'id' => 'ID',
            'docu_date' => 'Date',
            'docu_name' => 'Name',
            'document_type' => 'Document Type',
            'test_project_id' => 'Test Project',
            'docu_file' => 'Upload file'
        ];
    }

    public function getType()
    {
        return $this->hasOne(DocumentType::className(), ['id' => 'document_type']);
    }
}

```

## Frontend SiteController

```

<?php
namespace frontend\controllers;

use common\models\TestProject;
use Yii;
use yii\base\InvalidArgumentException;
use yii\web\BadRequestHttpException;
use yii\web\Controller;
use yii\filters\VerbFilter;
use yii\filters\AccessControl;
use common\models\LoginForm;
use frontend\models\PasswordResetRequestForm;
use frontend\models\ResetPasswordForm;
use frontend\models\SignupForm;
use frontend\models>ContactForm;
use common\models\AuthItem;

/**
 * Site controller
 */
class SiteController extends Controller
{
    /**
     * @inheritDoc
     */
    public function behaviors()
    {
        return [

```

```

    'access' => [
        'class' => AccessControl::className(),
        'only' => ['logout', 'signup'],
        'rules' => [
            [
                'actions' => ['signup'],
                'allow' => true,
                'roles' => ['?'],
            ],
            [
                'actions' => ['logout'],
                'allow' => true,
                'roles' => ['@'],
            ],
        ],
        'verbs' => [
            'class' => VerbFilter::className(),
            'actions' => [
                'logout' => ['post'],
            ],
        ],
    ],
};

/**
 * @inheritdoc
 */
public function actions()
{
    return [
        'error' => [
            'class' => 'yii\web\ErrorAction',
        ],
        'captcha' => [
            'class' => 'yii\captcha\CaptchaAction',
            'fixedVerifyCode' => YII_ENV_TEST ? 'testme' : null,
        ],
    ];
}

/**
 * Displays homepage.
 *
 * @return mixed
 */
public function actionIndex()
{
    return $this->render('index');
}

/**
 * Logs in a user.
 *
 * @return mixed
 */
public function actionLogin()
{
    if (!Yii::$app->user->isGuest) {
        return $this->goHome();
    }

    $model = new LoginForm();

```

```

    if ($model->load(Yii::$app->request->post()) && $model->login()) {
        $newmodel = new TestProject();
        //return $this->goBack();
        return $this->render('index', [
            'model' => $newmodel
        ]);
    } else {
        return $this->render('login', [
            'model' => $model,
        ]);
    }
}

/**
 * Logs out the current user.
 *
 * @return mixed
 */
public function actionLogout()
{
    Yii::$app->user->logout();

    return $this->goHome();
}

/**
 * Displays contact page.
 *
 * @return mixed
 */
public function actionContact()
{
    $model = new ContactForm();
    if ($model->load(Yii::$app->request->post()) && $model->validate()) {
        if ($model->sendEmail(Yii::$app->params['adminEmail'])) {
            Yii::$app->session->setFlash('success', 'Thank you for contacting us.
We will respond to you as soon as possible.');
        } else {
            Yii::$app->session->setFlash('error', 'There was an error sending
email.');
        }
    }

    return $this->refresh();
} else {
    return $this->render('contact', [
        'model' => $model,
    ]);
}
}

/**
 * Displays about page.
 *
 * @return mixed
 */
public function actionAbout()
{
    return $this->render('about');
}

/**
 * Signs user up.
 */

```

```

    * @return mixed
   */
public function actionSignup()
{
    $model = new SignupForm();
    $authItems = AuthItem::findBySql('SELECT * FROM `auth_item` WHERE type = 1')-
>all();
    if ($model->load(Yii::$app->request->post())) {
        if ($user = $model->signup()) {
            if (Yii::$app->getUser()->login($user)) {
                return $this->goHome();
            }
        }
    }

    return $this->render('signup', [
        'model' => $model,
        'authItems' => $authItems,
    ]);
}

/**
 * Requests password reset.
 *
 * @return mixed
 */
public function actionRequestPasswordReset()
{
    $model = new PasswordResetRequestForm();
    if ($model->load(Yii::$app->request->post()) && $model->validate()) {
        if ($model->sendEmail()) {
            Yii::$app->session->setFlash('success', 'Check your email for further
instructions.');
            return $this->goHome();
        } else {
            Yii::$app->session->setFlash('error', 'Sorry, we are unable to reset
password for email provided.');
        }
    }

    return $this->render('requestPasswordResetToken', [
        'model' => $model,
    ]);
}

/**
 * Resets password.
 *
 * @param string $token
 * @return mixed
 * @throws BadRequestHttpException
 */
public function actionResetPassword($token)
{
    try {
        $model = new ResetPasswordForm($token);
    } catch (InvalidParamException $e) {
        throw new BadRequestHttpException($e->getMessage());
    }

    if ($model->load(Yii::$app->request->post()) && $model->validate() && $model-
>resetPassword()) {
}

```

```
        Yii::$app->session->setFlash('success', 'New password was saved.');

        return $this->goHome();
    }

    return $this->render('resetPassword', [
        'model' => $model,
    ]);
}

}
```

# Backend SiteController

```
<?php  
namespace backend\controllers;  
  
use Yii;  
use yii\web\Controller;  
use yii\filters\VerbFilter;  
use yii\filters\AccessControl;  
use common\models\LoginForm;  
  
use yii\base\InvalidArgumentException;  
use yii\web\BadRequestHttpException;  
use frontend\models\SignupForm;  
use common\models\AuthItem;  
/**  
 * Site controller  
 */  
class SiteController extends Controller  
{  
    /**  
     * @inheritdoc  
     */  
    public function behaviors()  
    {  
        return [  
            'access' => [  
                'class' => AccessControl::className(),  
                'rules' => [  
                    [  
                        'actions' => ['login', 'error'],  
                        'allow' => true,  
                    ],  
                    [  
                        'actions' => ['logout', 'index', 'signup'],  
                        'allow' => true,  
                        'roles' => ['@'],  
                    ],  
                ],  
                'verbs' => [  
                    'class' => VerbFilter::className(),  
                    'actions' => [  
                        'logout' => ['post'],  
                    ],  
                ],  
            ];  
    }  
    /**  
     * @inheritdoc  
     */
```

```

    */
public function actions()
{
    return [
        'error' => [
            'class' => 'yii\web\ErrorAction',
        ],
    ];
}

/**
 * Displays homepage.
 *
 * @return string
 */
public function actionIndex()
{
    return $this->render('index');
}

/**
 * Login action.
 *
 * @return string
 */
public function actionLogin()
{
    $this->layout = 'loginLayout';
    if (!Yii::$app->user->isGuest) {
        return $this->goHome();
    }

    $model = new LoginForm();
    if ($model->load(Yii::$app->request->post()) && $model->login()) {
        return $this->goBack();
    } else {
        return $this->render('login', [
            'model' => $model,
        ]);
    }
}

/**
 * Logout action.
 *
 * @return string
 */
public function actionLogout()
{
    Yii::$app->user->logout();

    return $this->goHome();
}

/**
 * Signs user up.
 *
 * @return mixed
 */
public function actionSignup()
{
    $model = new SignupForm();
    $authItems = AuthItem::findByName('SELECT * FROM `auth_item` WHERE type = 1')-

```

```

>all();
    if ($model->load(Yii::$app->request->post())) {
        if ($user = $model->signup()) {
            if (Yii::$app->getUser()->login($user)) {
                return $this->goHome();
            }
        }
    }

    return $this->render('signup', [
        'model' => $model,
        'authItems' => $authItems,
    ]);
}

/**
 * Requests password reset.
 *
 * @return mixed
 */
public function actionRequestPasswordReset()
{
    $model = new PasswordResetRequestForm();
    if ($model->load(Yii::$app->request->post()) && $model->validate()) {
        if ($model->sendEmail()) {
            Yii::$app->session->setFlash('success', 'Check your email for further
instructions.');
        }
        return $this->goHome();
    } else {
        Yii::$app->session->setFlash('error', 'Sorry, we are unable to reset
password for email provided.');
    }
}

return $this->render('requestPasswordResetToken', [
    'model' => $model,
]);
}

/**
 * Resets password.
 *
 * @param string $token
 * @return mixed
 * @throws BadRequestHttpException
 */
public function actionResetPassword($token)
{
    try {
        $model = new ResetPasswordForm($token);
    } catch (InvalidParamException $e) {
        throw new BadRequestHttpException($e->getMessage());
    }

    if ($model->load(Yii::$app->request->post()) && $model->validate() && $model-
>resetPassword()) {
        Yii::$app->session->setFlash('success', 'New password was saved.');
    }
    return $this->goHome();
}

return $this->render('resetPassword', [

```

```

        'model' => $model,
    ]) ;
}
}

```

## SignUpForm model

```

<?php
namespace frontend\models;

use yii\base\Model;
use common\models\User;
use common\models\AuthAssignment;

/**
 * Signup form
 */
class SignupForm extends Model
{
    public $username;
    public $email;
    public $password;
    public $first_name;
    public $last_name;
    public $user_type_id;
    public $permissions;

    /**
     * @inheritdoc
     */
    public function rules()
    {
        return [
            ['username', 'trim'],
            ['username', 'required'],
            ['first_name', 'required'],
            ['last_name', 'required'],
            ['user_type_id', 'required'],
            ['username', 'unique', 'targetClass' => '\common\models\User', 'message' => 'This username has already been taken.'],
            ['username', 'string', 'min' => 2, 'max' => 255],

            ['email', 'trim'],
            ['email', 'required'],
            ['email', 'email'],
            ['email', 'string', 'max' => 255],
            ['email', 'unique', 'targetClass' => '\common\models\User', 'message' => 'This email address has already been taken.'],

            ['password', 'required'],
            ['password', 'string', 'min' => 6],
        ];
    }

    /**
     * Signs user up.
     *
     * @return User|null the saved model or null if saving fails
     */
    public function signup()
    {
        if ($this->validate()) {

```

```
$user = new User();
$user->username = $this->username;
$user->first_name = $this->first_name;
$user->last_name = $this->last_name;
$user->user_type_id = $this->user_type_id;
$user->email = $this->email;
$user->setPassword($this->password);
$user->generateAuthKey();
$user->save();

$permissionList = $_POST['SignupForm']['permissions'];

foreach ($permissionList as $value) {
    $newPermission = new AuthAssignment;
    $newPermission->user_id = $user->id;
    $newPermission->item_name = $value;
    $newPermission->save();
}
return $user;
}
return null;
}
```

## Sample Input/output/reports

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**HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY**  
Camp Alejandro B Melchor Sr, Libis, Quezon City

### SUMMARY OF POST QUALIFICATION TEST

9 ITEM: Combat Chest Rig, OD for M16/M14  
10 (POQ-QM-2K16-48)  
11 QUANTITY: 1,496 pieces  
12 DATE/TIME STARTED: 271155 October 2016  
13 VENUE: RDC Testing Room

**15 PERSONNEL INVOLVED:**

17 Project Officer - CPT JOFFREY S CORPUZ (OS) PA  
18 Moderator - Anabelle C Raymundo  
19 Testers - Joel B Baes  
20 Edilberto S Juarez  
21 Josephine A Balaqui  
22 Anabelle C Raymundo

24 WITNESS: MSgt Bernard Remorin (QMS) PA – PATWG Rep

## 26 SUMMARY.

27 Two (2) pieces Combat Chest Rig, OD for M16/M14 with swatch materials  
28 were withdrawn by Ms Raymundo from Cpl Lamit at the Logistics Office before the  
29 conduct of test on 27 October 2016.

31  
32 The conduct of post qualification test on Combat Chest Rig, OD for M16/M14  
33 submitted by Sylvia C.T. Enterprises Inc was requested by Head PABAC Secretariat.  
34 The references used for the conduct of test and evaluation are the PA Interim QM  
35 SPEC NR IE-22CCROD dated 31 March 2016 and OAQM Approved Test  
36 Parameters for said item as per copy of compliance to technical specifications  
37 document which stipulates the required technical specifications/test parameters for  
38 this procurement. Said pertinent document was provided by the PATIAC  
39 representative during the conduct of test.

The conduct of test started o/a 1000H same day. The sealed samples were opened to start the conduct of test. Submitted samples consist of two (2) pieces prototype and swatch materials (basic material, straps, binding tape, thread and quick release buckle). One (1) prototype sample was subjected to dimensional test while the other piece and the swatch materials were subjected for physical and chemical analyses.

A total of 126 characteristics were tested and classified into 72 major and 54 minor defects based on the OAQM approved test parameters. Thus, the allowable number of defects is zero (0) major and five (5) minor defects.

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**HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY  
Camp Alejandro B Melchor Sr, Libis, Quezon City**

RDCX

**SUBJECT:** Post Qualification Test of  
Combat Chest Rig, Olive Drab for M16/M14  
(Quantity: 1,496 pieces)

**TO:** Commander, ASCOM, PA  
Fort Andres Bonifacio, Metro Manila  
Attn: ACS for Operations, G3

1. References:

- a. Test Fee OR No. 5389748 dated 26 October 2016
  - b. Letter Directive from HASCOM dated 21 October 2016,
- Subject: Conduct of Post Qualification Test
- c. OAQM Approved Test Parameters
  - d. PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016

2. Per references, this Center conducted post qualification on samples of Combat Chest Rig, Olive Drab for M16/M14 submitted by Head, PABAC Secretariat from Neala Enterprises to determine compliance with reference 1d. The test began on 27 October 2016 and concluded on the same day.

3. Hereunder are the Total Number of Test Points (reference 1c) and the Summary of Defects of said samples based on RDC Report of Test indicated as POQ-QM-2K16-48 dated 03 November 2016:

TOTAL NUMBER OF TEST POINTS	
MAJOR	MINOR
72	54

/SUMMARY OF DEFECTS...

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SUMMARY OF DEFECTS:

DEFECTS	CLASSIFICATION	
	MAJOR	MINOR
a. Yarn size (warp & filling) of basic material are less than specified		2
b. Material of straps is not as specified	1	
c. Material of binding tape is not as specified	1	
d. Width of flap of utility pouch is above the range		1
e. Thickness of D-Ring is above the range		1
f. Utility pouches are made of one (1) layer basic material only	1	
g. Number of folds on one end of the quick release strap of the utility pouch is not as specified	1	
h. Magazine pouches are made of one (1) layer basic material only	1	
i. Number of folds on one end of the quick release strap of the magazine pouch is not as specified	1	
j. Armor plate carrier, flap cover and waist part of the rig is made of one (1) layer basic material only	1	
TOTAL	7	4

4. In view of the foregoing, request indorsement of said report to Head, PABAC Secretariat for their reference.

5. A test fee amounting to Php 4,238.00 was received by 14th FSFO with OR No. 5389748 dated 26 October 2016. The total test fee collection from 01 January 2016 to 02 November 2016 is Php 1,163,153.00.

LEO EDWARD Y CARANTO  
LTC OS (GSC) PA  
Director

Search and Development Center, ASCOM, PA Libis, Quezon City

DATE: 03 November 2016

## POST QUALIFICATION TEST REPORT

(POQ-QM-2K16-48)

**ITEM:** COMBAT CHEST RIG, OLIVE DRAB FOR M16/M14  
**SPECIFICATION:** PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016  
**QUANTITY:** 1,496 pieces  
**REQUESTED BY:** Head PABAC Secretariat  
**SUPPLIER:** Neala Enterprises

TEST PARAMETERS	TEST METHOD	PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016	FINDINGS
<b>Basic Material</b>			
Coating	AATCC 20	Nylon canvas	Nylon canvas
Color	Visual	Applied with water resistant material on one side	Applied with water resistant material on one side
Type of Weave		Olive Drab (OD) Plain	Olive Drab (OD) Plain
Thread Count/2.54cm			
Warp	ASTM D3775	30 (minimum)	33
Filling		25 (minimum)	28
<b>Yarn Size, Denier</b>			
Warp	ASTM D1059	1,300 (minimum)	1,104
Filling		1,100 (minimum)	1,070
Thickness, mm	ASTM D1777	0.50 (minimum)	0.56
Weight, g/m <sup>2</sup>	ASTM D3776	450 (maximum)	284
<b>Breaking Strength, kg</b>			
Warp	ASTM D5034 (Grab Method)	320 (minimum)	325.91
Filling		270 (minimum)	278.18
Water Repellency, %	AATCC 22	80 (minimum)	80
Water Resistance, grams of water absorbed by blotter	AATCC 42	0	0
<b>Straps</b>	AATCC 20	Nylon or Polyester webbing	Webbing: warp - olefin filling - polyester Olive Drab (OD)
Color	Visual	Olive Drab (OD)	
Strap #1, Belt Waist and Cross Front & Back Shoulder			
Type of Weave	Visual	Plain-double	Plain-double
Width, cm	Actual	4.5 to 5.5	5.0
Thickness, mm	Measurement		
Breaking Strength, kg	ASTM D1777	0.9 (minimum)	1.8
Strap #2 Modular and Reinforcement/Attachment	Fed Std 191A-4108	950 (minimum)	1,148.48
Type of Weave	Visual	Plain-double	Plain-double
Width, cm	Actual		
Thickness, mm	Measurement	2.0 to 3.0	2.5
Breaking Strength, kg	ASTM D1777	0.9 (minimum)	1.8
	Fed Std 191A-4108	450 (minimum)	618.18
<b>Binding Tape</b>	AATCC 20	Nylon or Polyester	Olefin
Color	Visual	Olive Drab (OD)	Olive Drab (OD)
Type of Weave	Actual	Plain-double	Plain-double
Width, cm	Measurement	1.7 to 2.1	2.0
Thickness, mm	ASTM D1777	0.9 (minimum)	0.9
<b>Shoulder Strap Padding</b>	Visual	Soft rubberized foam	Soft rubberized foam
Length, cm		Neatly covered with the same basic material	Neatly covered with the same basic material
Width, cm	Actual	35.0 to 37.0	36.0
Thickness, mm	Measurement	6.5 to 7.5	7.0
		11 to 13	13.0
<b>Elastic Cord</b>	AATCC 20	Nylon, polyester or olefin	Polyester
Color	Visual	Olive Drab (OD)	Olive Drab (OD)
		Diameter ...	

PREP BY \_\_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB,QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ ACTING CHIEF,QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

Research and Development Center, ASCOM, PA Libis, Quezon City

DATE: 03 November 2016

## POST QUALIFICATION TEST REPORT

(POQ-QM-2K16-48)

**ITEM:**  
**QUANTITY:**  
 COMBAT CHEST RIG, OLIVE DRAB FOR M16/M14  
 1,496 pieces

TEST PARAMETERS	TEST METHOD	PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016	FINDINGS
Diameter	Actual Measurement	2.5 to 3.5	3.2
Length, cm	Actual Measurement	46.0 (minimum)	50.9
Pouches and Flaps	Visual	Same basic material as specified in para 2.2.1	Same basic material as specified in para 2.2.1
Magazine Pouch	Actual Count	6 pieces	6 pieces
Height, cm		12.0 to 13.0	12.0
Width, cm		7.0 to 8.0	7.0
Thickness, cm		4.0 to 5.0	5.0
Flap	Actual Measurement	20.0 to 22.0 5.3 to 6.3	21.0 5.8
Length, cm		2 pieces	2 pieces
Width, cm		8.2 to 9.2	8.2
Utility Pouch	Actual Count	6.9 to 7.9	7.8
Height, cm		4.7 to 5.7	5.0
Width, cm		11.5 to 13.5	12.8
Armor Plate Carrier	Actual Measurement	6.9 to 7.9	9.3
Length, cm	Actual Count	1 piece	1 piece
Width, cm		33.0 to 35.0	33.5
	Measurement	27.0 to 29.0	27.6
Plastic Accessories	Visual	Made of hard plastic material	Made of hard plastic material
Color		Olive Drab (OD)	Olive Drab (OD)
Quick Release Buckle	Actual Count	3 pieces	3 pieces
Length, cm		8.0 to 9.0	8.0
Width, cm	Actual Measurement	6.0 to 7.0	6.0
Thickness, mm		14.0 to 16.0	15.0
Breaking Strength, kg		95 (minimum)	156.06
D-Ring	Actual Count	2 pieces	2 pieces
Length, cm		3.3 to 3.7	3.5
Width, cm		2.8 to 3.2	3.0
Thickness, cm	Actual Measurement	3.5 to 4.5	5.8
Adjustment Buckle	Actual Count	1 piece	1 piece
Length, cm		5.8 to 6.2	5.9
Width, cm	Actual Measurement	3.5 to 3.9	3.6
Thickness, cm	Actual	3.5 to 4.5	3.5
Slide Keeper (ball)	Actual Count	6 pieces	6 pieces
Metal Accessories	Chemical Spot Test & Magnet Test	Made of brass	Made of brass
Finish	Visual	Black chemical finish	Black chemical finish
Snap Fastener	Actual Count	2 pcs female and 4 pcs male	2 pcs female and 4 pcs male
Inside/Head Diameter, mm	Actual Measurement	9.8 to 10.2	Inside Diameter (Female) - 9.8 Head Diameter (Male) - 10.2
Eyelet	Actual Count	8 pieces	8 pieces
Inside Diameter, mm	Actual Measurement	4.8 to 5.2	5.0
Thread Sewing	AATCC 20	Made of polyester or nylon	Made of polyester
Color	Visual	Same color as shade as basic material	Same color as shade as basic material
No. of ply	Actual	2 (minimum)	2
Breaking Strength, kg	Measurement	1.5 (minimum)	3.18

/Construction..

PREP BY \_\_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB, QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ ACTING CHIEF, QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

Research and Development Center, ASCOM, PA Libis, Quezon City

DATE: 03 November 2016

**POST QUALIFICATION TEST REPORT**

(POQ-QM-2K16-48)

ITEM:  
QUANTITY:COMBAT CHEST RIG, OLIVE DRAB FOR M16/M14  
1,496 pieces

TEST PARAMETERS	TEST METHOD	PA Interim QM SPEC NR IE-22CCR00D dated 31 March 2016	FINDINGS
Construction			
Shoulder Strap Padding	Visual	Shall be constructed with the material as specified in para 2.2.4 and shall be covered with the basic material, as illustrated.	Constructed with the material as specified in para 2.2.4 and covered with the basic material, as illustrated.
Modular Strap	Visual & Actual Count	Each shoulder padding shall have five (5) modular straps (strap #2) sewn along the width of the padding.	Each shoulder padding has five (5) modular straps (strap #2) sewn along the width of the padding.
Armor Plate Carrier D-Ring Attached	Visual	The 4th modular strap of each shoulder padding shall have a webbing (strap #2) sewn to it, forming a loop on which a D-ring is inserted.	The 4th modular strap of each shoulder padding has a webbing (strap #2) sewn to it, forming a loop on which a D-ring is inserted.
Cross Front and Back Shoulder Strap	Visual & Actual Measurement	The two (2) pieces cross front and back shoulder strap (strap #1), 120.0 cm (minimum) in length shall respectively be inserted/fixed to the right and left upper corners of the rig.	The two (2) pieces cross front and back shoulder straps (strap #1), 128.5 cm in length are inserted/fixed to the right and left upper corners of the rig.
	Visual	The loose ends are provided with plastic buckle (male) as illustrated.	The loose ends are provided with plastic buckle (male) as illustrated.
	Visual & Actual Measurement	Two (2) pieces webbing (strap #1), 2.0 to 2.4 cm in length are respectively inserted/fixed at the right and left inner portion of the rig.	Two (2) pieces webbing (strap #1), 2.4 cm in length are respectively inserted/fixed at the right and left inner portions of the rig.
Belt Waist Strap	Visual & Actual Measurement	The belt waist strap (strap #1) shall be 65.0 to 69.0 cm long and inserted/fixed to the lower right side of the rig as illustrated.	The belt waist strap (strap #1) is 69.0 cm long and inserted/fixed to the lower right side of the rig as illustrated.
	Visual	The strap is provided with quick release buckle (male) and adjustable buckle for adjustment.	The strap is provided with quick release buckle (male) and adjustable buckle for adjustment.
	Visual & Actual Measurement	Another strap (strap #1), 2.0 to 2.4 cm long shall be inserted/fixed to the lower left side of the rig, provided with quick release buckle (female) as illustrated.	Another strap (strap #1), 2.4 cm long is inserted/fixed to the lower left side of the rig, provided with quick release buckle (female) as illustrated.
Utility Pouches		Two (2) utility pouches and flap covers shall be made of the two (2) layers basic material.	Two (2) utility pouches are made of one layer basic material while the flap covers are made of two (2) layers basic material
	Visual	With Velcro tape for closure. Provided with one (1) eyelet placed at the bottom of the pouch as illustrated.	With Velcro tape for closure. Provided with one (1) eyelet placed at the bottom of the pouch as illustrated.
Flap	Visual & Actual Measurement	The edge of the flap cover shall be lined with binding tape.	The edge of the flap cover is lined with binding tape.
		A handle loop (strap #2), 5.3 to 5.7 cm long, shall be sewn/bartacked at the edge of the flap as illustrated.	A handle loop (strap #2), 5.5 cm long, is sewn/bartacked at the edge of the flap as illustrated.
		One (1) flap shall be provided with Velcro tape (female side) to serve as attachment of name tapes and patches.	One (1) flap is provided with Velcro tape (female side) to serve as attachment of name tapes and patches.
Modular Strap	Visual	Two (2) modular straps (strap #2) are sewn/bartacked on the back of the pouch.	Two (2) modular straps (strap #2) are sewn/bartacked on the back of the pouch.
Quick Release Strap	Visual & Actual Measurement	Two (2) quick release straps (strap #2), 16.5 to 18.5 cm long, are sewn/bartacked on the back of the pouch as illustrated.	Two (2) quick release straps (strap #2), 17.2 cm long, are sewn/bartacked on the back of the pouch as illustrated.

/Quick Release Strap . . .

PREP BY \_\_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB,QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ ACTING CHIEF,QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

Search and Development Center, ASCOM, PA Libis, Quezon City

DATE: 03 November 2016

## POST QUALIFICATION TEST REPORT

ITEM: COMBAT CHEST RIG, OLIVE DRAB FOR M16/M14  
 QUANTITY: 1,496 pieces

TEST PARAMETERS	TEST METHOD	PA Interim QM SPEC NR1E-22CCR0B dated 31 March 2016	FINDINGS
Magazine Pouches	Visual	One end of the quick release buckle strap shall be folded into three.	One end of the quick release buckle strap is folded into two.
	Visual	The six (6) magazine pouches and flap covers shall be made of the two (2) layers basic material.	The six (6) magazine pouches are made of one layer basic material while the flap covers are made of two (2) layers basic material
	Visual	Provided with Velcro tape for closure. The Velcro tape (female side), 7.5 to 8.5 cm long shall be sewn to the front of the magazine pouch.	Provided with Velcro tape for closure. The Velcro tape (female side), 8.0 cm long is sewn to the front of the magazine pouch.
Flap	Visual & Actual Measurement	Provided with one (1) eyelet placed at the bottom of the pouch as illustrated. A handle loop (strap #2), 1.8 to 2.2 cm long, shall be sewn at the edge of the flap. The Velcro tape (male side), 14.5 to 15.5 cm shall be sewn to the inner of the flap as illustrated.	Provided with one (1) eyelet placed at the bottom of the pouch as illustrated. A handle loop (strap #2), 2.0 cm long, are sewn at the edge of the flap. The Velcro tape (male side), 15.2 cm, is sewn to the inner of the flap as illustrated.
Modular Strap	Visual	Two (2) modular straps (strap #2) are sewn/bartacked on the bottom back of the pouch.	Two (2) modular straps (strap #2) are sewn/bartacked on the bottom back of the pouch.
Quick Release Strap	Visual & Actual Measurement	Two (2) quick release straps (strap #2), 24.0 to 26.0 cm long, are sewn/bartacked on the back of the pouch as illustrated.	Two (2) quick release straps (strap #2), 25.0 cm long, are sewn/bartacked on the back of the pouch as illustrated.
	Visual	One end of the quick release buckle strap shall be folded into three.	One end of the quick release buckle strap is folded into two.
Elastic Cord	Visual & Actual Measurement	Two (2) straps (Strap #2), 1.8 to 2.2 cm long are sewn on both sides of each magazine pouch, just below the top modular strap as illustrated.	Two (2) straps (Strap #2), 2.1cm long are sewn on both sides of each magazine pouch, just below the top modular strap as illustrated.
Armor Plate Carrier	Visual	An elastic cord is looped through the two (2) straps to serve as adjustment of the pouch as illustrated. The ends of the elastic cord are held in place using a slide keeper as illustrated.	An elastic cord is looped through the two (2) straps to serve as adjustment of the pouch as illustrated. The ends of the elastic cord are held in place using a slide keeper as illustrated.
		The armor plate carrier, flap cover and waist part of the rig shall be made of two (2) layers basic material.	The armor plate carrier, flap cover and waist part of the rig is made of one (1) layer basic material.
Flap	Visual & Actual Measurement	Provided with Velcro tape for closure. The flap shall have a height of 5.0 to 5.4 cm. The Velcro tape (male side), shall be 2.5 to 2.9 cm wide and the Velcro tape (female side) shall be 5.0 to 5.4 cm wide as illustrated.	Provided with Velcro tape for closure. The flap has a height of 5.0 cm. The Velcro tape (male side), is 2.5 cm wide and the Velcro tape (female side) is 5.0 cm wide as illustrated.
Modular Strap	Visual	The upper part of the carrier shall have two (2) modular straps (strap #2), each divided into six (6) loops by placing bartacks on the straps as illustrated.	The upper part of the carrier has two (2) modular straps (strap #2), each divided into six (6) loops by placing bartacks on the straps as illustrated.
Modular Strap	Visual	The lower part of the carrier shall have three (3) modular straps (strap #2), each divided into fourteen (14) loops by placing bartacks on the straps as illustrated.	The lower part of the carrier has three (3) modular straps (strap #2), each divided into fourteen (14) loops by placing bartacks on the straps as illustrated.
			/Webbing Attachment to Shoulder Strap . . .

PREP BY \_\_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB, QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ ACTING CHIEF, QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

Search and Development Center, ASCOM, PA Libis, Quezon City

DATE: 03 November 2016

## POST QUALIFICATION TEST REPORT

(POQ-QM-2K16-48)

ITEM:  
QUANTITY:

**COMBAT CHEST RIG, OLIVE DRAB FOR M16/M14**  
1,496 pieces

TEST PARAMETERS	TEST METHOD	PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016	FINDINGS
Webbing Attachment to Shoulder Strap	Visual & Actual Measurement	Two (2) pieces webbing (strap #2), 14.0 to 15.0 cm long shall be inserted/fixed respectively at the right and left top part of the plate carrier. Each having a three (3) snap fastener (1 female and 2 male) and Velcro tape (9.5 to 10.5 cm long) for closure.	Two (2) pieces webbing (strap #2), 14.1 cm long are inserted/fixed respectively at the right and left top parts of the plate carrier. Each having a three (3) snap fastener (1 female and 2 male) and Velcro tape (10.0 cm long) for closure.
Bottom Reinforcement Strap	Visual & Actual Measurement	There shall be 4.5 to 5.5 cm wide webbing sewn inside the armor plate carrier to serve as reinforcement for the bottom part of the carrier.	There is 5.0 cm wide webbing sewn inside the armor plate carrier that serves as reinforcement for the bottom part of the carrier.
Design		The Combat Chest Rig, Olive Drab (OD) shall be of the design essentially the same as shown in the attached illustrations.	The Combat Chest Rig, Olive Drab (OD) is of the design essentially the same as shown in the attached illustrations.
Manufacturer's Label	Visual	Shall have manufacturer's label	With manufacturer's label
Location		Printed on the upper center of the back of the reverse side of the carrier plate, as illustrated.	Printed on the upper center of the back of the reverse side of the carrier plate, as illustrated.
Type and Size of Lettering	Actual Comparison	Black indelible ink or black waterproof paint in Arial font, size 12.	Black indelible ink, Arial font, size 12.
Contents of Label	Visual	COMBAT CHEST RIG, OD QM SPEC NR IE-22CCROD Name of Manufacturer Date of Manufacture: With Army marking	COMBAT CHEST RIG, OD QM SPEC NR IE-22CCROD NEALA ENTERPRISE DATE MANUFACTURE With Army marking
Army Marking	Visual & Actual Measurement	Printed on the center front of the plate carrier pouch, as illustrated, 2.8 to 3.2 cm below the modular strap.	Printed on the center front of the plate carrier pouch, as illustrated, 2.8 cm below the modular strap.
Location		Black indelible ink or black waterproof paint, Stencil font, Size 150.	Black indelible ink, Stencil font, Size 150.
Type and Size of Lettering	Actual Comparison		

NOTES:

1. Results are valid only on samples of Combat Chest Rig, Olive Drab for M16/M14 submitted by Head PABAC Secretariat from Neala Enterprises.
2. **THIS REPORT OF TEST SHALL NOT BE USED AS BASIS FOR ACCEPTANCE OF ITEMS DELIVERED.**
3. Report is not valid if there are erasures/alterations and without RDC seal.

ENCODED BY: Pfc Harlyn Joy R Tubongbanua

PERFORMED BY:

Joel B Baes  
Tester

Edilberto S Juarez  
Tester

Josephine A Balaqui  
Tester

SUPERVISED BY:

Anabelle C Raymundo  
Chemist II  
Supv. QM Sec, PTB, QAD

REVIEWED BY:

Lou V Aseo  
Engr IV  
Supervisor, QAD

ATTESTED BY:

FLORIVIC D LIMBO  
CPT (QMS) PA  
Acting Chief, QAD

NOTED BY:

LEO EDWARD Y CARANTO  
LTC OS (GSC) PA  
Director

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HEADQUARTERS  
PHILIPPINE ARMY  
OFFICE OF THE PHILIPPINE ARMY BIDS AND AWARDS COMMITTEE  
Fort Andres Bonifacio, Metro Manila

PABACX

19 October 2016

SUBJECT: Post Qualification Test, Request for

TO Commander, ASCOM, PA  
Post  
Attn: G3, ASCOM

1. Reference: Receipt and Opening of Bid Envelopes dated 06 and 10 October 2016.

2. Per above reference, request conduct Post Qualification Test on the prototype samples submitted by the following Lowest Calculated Bidders (LCB) for the Procurement of Quartermaster items:

PABAC Nr	Description	Winning Bidder (LCB)
QM PABAC 025-16	Socks for Boots, Black	Sylvia C.T. Ent., Inc.
QM PABAC 034-16	Combat Chest Rig, OD for M16/M14	Neala Ent.

3. Point of Contact (POC): Chairman, PATWG CATEX Nr 6514/6614.

4. Further request appropriate action.

FOR THE CHAIRMAN:

DEMETRIO A. CALDERON  
CDR PN  
Head PABAC Secretariat

Copy Furnished  
RDC, ASCOM

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RDC, ASCOM, PA, Camp Melchor, Libis, QC  
25 October 2016

**IMPLAN TO RDC Letter Directive dated 25 October 2016; Conduct of Post Qualification Test on Combat Chest Rig, OD for M16/M14 submitted by Neala Enterprises and requested by Head PABAC Secretariat (POQ-QM-2K16-48)**

**REFERENCES:**

- a. HASCOM Letter Directive dated 21 October 2016
- b. PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016
- c. OAQM Approved Test Parameters

**TIME ZONE USED THROUGHOUT THE PLAN: HOTEL**

**TASK ORGANIZATION (Annex A)**

**1. SITUATION:**

- a. Enemy Forces (Current INTSUM)
- b. Friendly Forces: All AFP/PNP within the AOR
- c. Assumptions:
  - 1) All testers are technically trained to perform their mandated functions.
  - 2) Testers involved in chemical testing may be exposed to harmful chemicals and vapors inside the laboratory.
  - 3) Operation of test equipment may involve instances of minor injuries, depending on the current operational status of equipment.
  - 4) Test equipment are regularly maintained and calibrated, however, there are still other factors which may cause malfunction during its operation.
  - 5) Power fluctuation or interruption may lead to disruption or cancellation of test.
  - 6) Personal Protective Equipment, First-Aid kit and Emergency Vehicle are all readily available in case of emergency.
  - 7) Authorized witnesses from the procuring agency, TWG/TIAC and end-user are present during the conduct of RDC Tests.

**2. MISSION:**

Product Testing Branch, QAD, RDC, ASCOM, PA conducts dimensional, physical and chemical analyses on Combat Chest Rig, OD for M16/M14 on 271030 October 2016 in order to determine the technical compliance of the sample to the official specifications and test parameters.

**3. EXECUTION:**

**a. Commander's Intent:**

I intend to have an efficient, safe, and accurate conduct of Post Qualification Test on Combat Chest Rig, OD for M16/M14 on 271030 October 2016 submitted by Neala Enterprises and requested by Head PABAC Secretariat.

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b. Concept of Operation:

- 1) The concept of this operation is for the Post Qualification Test on Combat Chest Rig, OD for M16/M14.
- 2) Briefing will be conducted at the onset of testing to clarify all terms, scope and limitations of the test, details of which will be stated in the minutes of meeting.
- 3) The testing of said item will be completed in one (1) day, from 1030H to 1430H, with minimum involvement of personnel per activity.
- 4) The preparation of test report will be completed in one (1) day after the completion of test. The test report will be coursed through all offices concerned before final approval of Director, RDC.

c. Tasks:

Staff support and supervision:

1) Admin Division

- a) Designate an officer to act as Project Officer, Project Logistic Officer and Safety Officer in coordination with Quality Assurance Division.
- b) Assign Test and Evaluation Number, issues Test Directive and prepares task organization (EP and CE) for each testing activity.
- c) Finance Branch shall prepare Order of Payment for the test fee.
- d) Inform the requesting party/witness regarding the scheduled day of test.
- e) Intel representative shall inform all the testers and observers of their responsibilities as stated in the Task Organization, Annex A, one (1) day prior to the day of test.
- f) Logistics Branch is in charge of receiving the samples from the requesting party (Tally-In), releasing the samples to the witnesses for outside tests (Tally-Out) and safekeeping of samples and swatches after testing for a maximum of six (6) months from day of test.
- g) Perform other tasks as directed.

2) Quality Assurance Division:

- a) Furnish copies of task organization to all divisions to serve as reference of personnel involved in the activity.
- b) Monitor and supervise closely the activity.
- c) Check completeness and serviceability of equipment prior to the date of testing.
- d) Prepare test worksheet which serve as reference of the moderator and witnesses during testing proper.
- e) Prepare summary of test to include defects of tested item and comments for improvement of said item.
- f) Prepare test report to include letter of transmittal and findings of test.
- g) Perform other tasks as directed.

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3) Materiel and Development Division:

- a) Inform MDD personnel tasked for this Implan.
- b) Perform other tasks as directed.

4) Project Officer, Project Logistic Officer and Safety Officer

- a) Supervise the conduct of Product Testing which includes physical and chemical analyses of swatch materials.
- b) Brief all personnel together with the witnesses before testing.
- c) Summarize the findings after all the characteristics stated in the Test Parameter have been determined, particularly the major and/or minor defects incurred from the testing of the item.
- d) Perform other tasks as directed.

4. COORDINATING INSTRUCTIONS:

- a. All submitted samples for test shall be secured at all times.
- b. All personnel involved must be in the area NLT 1015H for the briefing.
- c. All personnel who were absent or late during the activity shall be given a stern warning, an explanation letter shall be submitted by said personnel after three (3) repeated offenses.
- d. All personnel involved during the testing must wear PPE at all times.
- e. Medical evacuation to any nearest hospital is authorized.
- f. Lateral coordination among offices is authorized and highly encouraged.

5. SERVICE SUPPORT:

- a. Supply - Class X, Chemical reagents, laboratory equipment and office supplies
- b. Medical – Emergency medical evacuation at nearest military hospital is authorized.

6. COMMAND SIGNAL:

- a. Command: HRDC, ASCOM, PA
- b. Signal:
  - 1) Current ASCOM CEOI in effect.
  - 2) Primary means of communication: Cellphone/ Landline

CARANTO  
LTC

ACKNOWLEDGE:

REGIS  
C, QAD

ANNEX A - Task Organization

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### TASK ORGANIZATION

**ITEM:** Combat Chest Rig, OD for M16/M14  
**TYPE OF TEST:** Post Qualification Test  
**PROponent:** Neala Enterprises  
**REQUESTED BY:** Head PABAC Secretariat  
**TE ORDER NO:** POQ-QM-2K16-48

TASKS	PERSONNEL
PROJECT OFFICER, PROJECT LOGISTIC OFFICER AND SAFETY OFFICER	CPT JOFFREY S CORPUZ (OS) PA
MODERATOR	Anabelle C Raymundo
DIMENSIONAL ANALYSIS	Edilberto S Juarez Josephine A Balaqui
PHYSICAL ANALYSIS	Joel B Baes
QAD CHEMIST-IN CHARGE	Anabelle C Raymundo
CHEMICAL ANALYSIS	Engr Lou V Aseo Josephine A Balaqui Engr Edward M Bongganay
OBSERVER	Rogelio A Andrada Jr
TEST REPORT ENCODER	Rebecca R Bangsal
PHOTOGRAPHER	Rogelio A Andrada Jr
INTEL REPRESENTATIVE	Cpl Jorge B Guerrero Jr

GERALD M REGIS  
 Major (OS) PA  
 Chief, QAD

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HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY  
Camp Alejandro B. Melchor Sr., Libis, Quezon City

**SUMMARY OF POST QUALIFICATION TEST**

ITEM:

Combat Chest Rig, OD for M16/M14  
(POQ-QM-2K16-48)

10

QUANTITY:

1,496 pieces

11

DATE/TIME STARTED:

271155 October 2016

12

VENUE:

RDC Testing Room

13

PERSONNEL INVOLVED:

14

Project Officer	- CPT JOFFREY S CORPUZ (OS) PA
Moderator	- Anabelle C Raymundo
Testers	- Joel B Baes
	Edilberto S Juarez
	Josephine A Balaqui
	Anabelle C Raymundo

15

WITNESS: MSg Bernard Remorin (QMS) PA – PATWG Rep

16

SUMMARY:

17

Two (2) pieces Combat Chest Rig, OD for M16/M14 with swatch materials were withdrawn by Ms Raymundo from Cpl Lamit at the Logistics Office before the conduct of test on 27 October 2016.

18

The conduct of post qualification test on Combat Chest Rig, OD for M16/M14 submitted by Sylvia C.T. Enterprises Inc was requested by Head PABAC Secretariat. The references used for the conduct of test and evaluation are the PA Interim QM SPEC NR IE-22CCROD dated 31 March 2016 and OAQM Approved Test Parameters for said item as per copy of compliance to technical specifications document which stipulates the required technical specifications/test parameters for this procurement. Said pertinent document was provided by the PATIAC representative during the conduct of test.

19

The conduct of test started o/a 1000H same day. The sealed samples were opened to start the conduct of test. Submitted samples consist of two (2) pieces prototype and swatch materials (basic material, straps, binding tape, thread and quick release buckle). One (1) prototype sample was subjected to dimensional test while the other piece and the swatch materials were subjected for physical and chemical analyses.

20

A total of 126 characteristics were tested and classified into 72 major and 54 minor defects based on the OAQM approved test parameters. Thus, the allowable number of defects is zero (0) major and five (5) minor defects.

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**HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY  
Camp Alejandro B Melchor Sr, Libis, Quezon City**

RDCX

**SUBJECT:** Acceptance Test of  
Buckle, Stainless Steel, Belt Waist for PAF  
(Lot Size: 4,755 pcs)

**TO:** Commander, ASCOM, PA  
Fort Andres Bonifacio, Metro Manila  
Attn: ACS for Operations, G3

**1. References:**

- a. Test Fee OR No. 5389678 dated 01 August 2016
- b. HASCOM Letter Directive dated 22 July 2016
- c. PAF Interim Test Parameters, SPEC NR BSSBW 2012-13 dated

21 December 2012

2. Per references, this Center conducted acceptance test on samples of Buckle, Stainless Steel, Belt Waist for PAF submitted by Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF from the delivery of Belstaten Trading to determine compliance with reference 1c. The test began on 04 August 2016 and concluded on the same day.

3. Hereunder are the Total Number of Test Points (reference 1c) and the Findings of said samples based on RDC Report of Test indicated as AC-QM-2K16-99 dated 05 August 2016:

TOTAL NUMBER OF TEST POINTS	
MAJOR	MINOR
17	9

**FINDINGS:** Samples of Buckle, Stainless Steel, Belt Waist have no defect.

4. In view of the foregoing, request indorsement of said report to Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF for their reference.

5. A test fee amounting to Php 1,750.00 was received by 14th FSFO with OR No. 5389678 dated 01 August 2016. The total test fee collection from 01 January 2016 to 04 August 2016 is Php 847,263.00.

LEO EDWARD Y CARANTO  
LTC OS (GSC) PA  
Director

Research and Development Center, ASCOM, PA Libis, Quezon City

DATE: 05 August 2016

## ACCEPTANCE TEST REPORT

(AC-QM-2K16-99)

**ITEM:** **Buckle, Stainless Steel, Belt Waist**  
**SPECIFICATION:** PAF Interim SPEC NR BSSBW 2012-13 dated 21 December 2012  
**LOT SIZE:** 4,755 pieces  
**REQUESTED BY:** Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF  
**SUPPLIER:** Belstaten Trading

CHARACTERISTICS	TEST METHOD	PAF Interim SPEC NR BSSBW 2012-13 dated 21 December 2012		FINDINGS
Design	Visual & Actual Count	Consists of four (4) parts: outer buckle frame, inner buckle frame, roller and seven (7) prongs swivel type grip lock device.		Consists of four (4) parts: outer buckle frame, inner buckle frame, roller and seven (7) prongs swivel type grip lock device.
Material				
Outer Buckle Frame	Chemical Spot Test & Magnet Test	Stainless Steel		Stainless Steel
Inner Buckle Frame		Stainless Steel		Stainless Steel
Belt Grip Lock Device		Stainless Steel		Stainless Steel
Roller		Core Coated with Zinc Alloy		Core coated with zinc alloy
Measurements, cm				
Overall Length	Actual Measurement	6.1 to 6.5		6.3
Overall Width		3.6 to 4.0		3.8
Strap Accommodation Width		3.3 to 3.7		3.6
Thickness, mm				
Outer buckle frame		0.8 to 1.2		1.0
Inner buckle frame		0.76 to 1.16		1.0
Belt grip lock device		0.8 to 1.2		1.0
Roller Diameter, mm		4.6 to 5.0		4.7
PAF Logo	Visual	Embossed on the middle of the outer frame	Embossed on the middle of the outer frame	
Outer diameter, mm	Actual Measurement	29.8 to 30.2	30.2	
Inside diameter, mm		19.8 to 20.2	20.2	
Color				
Circle	Visual	Blue	Blue	
Wings		Yellow Gold	Yellow Gold	
Big Diamond		Red	Red	
Small Diamond		White	White	
Center Diamond		Blue	Blue	
Construction	Visual	The outer frame and the belt grip lock device are cut and formed from one sheet of material	The outer frame and the belt grip lock device are cut and formed from one sheet of material	
	Visual & Actual Count	The outer buckle frame is fastened into the inner buckle frame by means of four (4) retainers crimped over the latter	The outer buckle frame is fastened into the inner buckle frame by means of four (4) retainers crimped over the latter	
	Visual	The belt grip lock device is fastened into the inner buckle frame so as to swing freely	The belt grip lock device is fastened into the inner buckle frame so as to swing freely	
Contractor's Label				
Position	Visual	With contractor's label Engraved on the inner frame of the buckle	With contractor's label Engraved on the inner frame of the buckle	
Contents of Label		Name of Manufacturer	BELSTATEN	
/NOTES ...				

PREP BY \_\_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ CHIEF, PTB, QAD \_\_\_\_\_ CHIEF, QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

QAD Development Center, ASCOM, PA Libis, Quezon City

DATE: 05 August 2016

## ACCEPTANCE TEST REPORT (AC-QM-2K16-99)

**ITEM:** Buckle, Stainless Steel, Belt Waist  
**LOT SIZE:** 4,755 pieces

**NOTES:**

1. Results are valid only on samples of Buckle, Stainless Steel, Belt, Waist submitted by Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF from the delivery of Belstaten Trading.
2. Report is not valid if there are erasures/alterations and without RDC seal.

**ENCODED BY:** Pfc Harlyn Joy R Tubongbanua

**PERFORMED BY:**

Joel B. Baes  
Tester

Edilberto S. Juarez  
Tester

Josephine A. Balaqui  
Tester

Modest Joydalyn M Reyes  
Chemist II

Anabelle C. Raymundo  
Chemist II

**REVIEWED BY:**

Lou V. Aseo  
Engineer IV  
Supervisor, QAD

CESAR R. CAÑAZARES JR  
Captain (QMS) PA  
Chief, PTB, QAD

GERALD M. REGIS  
Major (OS) PA  
Chief, QAD

**NOTED BY:**

LEO EDWARD Y CARANTO  
Lt Colonel OS (GSC) PA  
Director

*alt*

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Copy No \_\_\_\_\_ of \_\_\_\_\_ Copies  
RDC, ASCOM, PA, Camp Melchor, Libis, QC  
03 August 2016

**IMPLAN TO RDC Letter Directive dated 02 August 2016; Conduct of Acceptance Test on Buckle, Stainless Steel, Belt, Waist delivered by Belstaten Trading and requested by Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF (AC-QM-2K16-99)**

#### REFERENCES:

- a. HASCOM Letter Directive dated 22 July 2016
- b. PAF Interim Test Parameters, SPEC NR BSSBW 2012-13 dated 21 December 2012

**TIME ZONE USED THROUGHOUT THE PLAN: HOTEL**

#### TASK ORGANIZATION (Annex A)

##### 1. SITUATION

- a. Enemy Forces (Current INTSUM)
- b. Friendly Forces: All AFP/PNP within the AOR
- c. Assumptions:
  - 1) All testers are technically trained to perform their mandated functions
  - 2) Testers involved in chemical testing may be exposed to harmful chemicals and vapors inside the laboratory.
  - 3) Operation of test equipment may involve instances of minor injuries, depending on the current operational status of equipment.
  - 4) Test equipment are regularly maintained and calibrated, however, there are still other factors which may cause malfunction during its operation.
  - 5) Power fluctuation or interruption may lead to disruption or cancellation of test.
  - 6) Personal Protective Equipment, First-Aid kit and Emergency Vehicle are all readily available in case of emergency.
  - 7) Authorized witnesses from the procuring agency, TWG/TIAC and end-user are present during the conduct of RDC Tests.

##### 2. MISSION:

Product Testing Branch, QAD, RDC, ASCOM, PA conducts dimensional, physical and chemical analyses on Buckle, Stainless Steel, Belt, Waist on 041330 August 2016 in order to determine the technical compliance of the sample to the official specifications and test parameters.

##### 3. EXECUTION:

###### a. Commander's Intent:

I intend to have an efficient, safe, and accurate conduct of Acceptance Test on Buckle, Stainless Steel, Belt, Waist on 041330 August 2016 delivered by Belstaten Trading and requested by Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF.

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**b. Concept of Operation:**

- 1) The concept of this operation is for the Acceptance Test on Buckle, Stainless Steel, Belt, Waist.
- 2) Briefing will be conducted at the onset of testing to clarify all terms, scope and limitations of the test, details of which will be stated in the minutes of meeting.
- 3) The testing of said item will be completed in one (1) day, from 1330H to 1430H, with minimum involvement of personnel per activity.
- 4) The preparation of test report will be completed in one (1) day after the completion of test. The test report will be coursed through all offices concerned before final approval of Director, RDC.

**c. Tasks:**

**Staff support and supervision:**

1) Admin Division

- a) Designate an officer to act as Project Officer, Project Logistic Officer and Safety Officer in coordination with Quality Assurance Division.
- b) Assign Test and Evaluation Number, issues Test Directive and prepares task organization (EP and CE) for each testing activity.
- c) Finance Branch shall prepare Order of Payment for the test fee.
- d) Inform the requesting party/witness regarding the scheduled day of test.
- e) Intel representative shall inform all the testers and observers of their responsibilities as stated in the Task Organization, Annex A, one (1) day prior to the day of test.
- f) Logistics Branch is in charge of receiving the samples from the requesting party (Tally-In), releasing the samples to the witnesses for outside tests (Tally-Out) and safekeeping of samples and swatches after testing for a maximum of six (6) months from day of test.
- g) Perform other tasks as directed.

2) Quality Assurance Division:

- a) Furnish copies of task organization to all divisions to serve as reference of personnel involved in the activity.
- b) Monitor and supervise closely the activity.
- c) Check completeness and serviceability of equipment prior to the date of testing.
- d) Prepare test worksheet which serve as reference of the moderator and witnesses during testing proper.
- e) Prepare summary of test to include defects of tested item and comments for improvement of said item.
- f) Prepare test report to include letter of transmittal and findings of test.
- g) Perform other tasks as directed.

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3) Materiel and Development Division:

- a) Inform MDD personnel tasked for this Implan.
- b) Perform other tasks as directed.

4) Project Officer, Project Logistic Officer and Safety Officer

- a) Supervise the conduct of Product Testing which includes physical and chemical analyses of swatch materials.
- b) Brief all personnel together with the witnesses before testing.
- c) Summarize the findings after all the characteristics stated in the Test Parameter have been determined, particularly the major and/or minor defects incurred from the testing of the item.
- d) Perform other tasks as directed.

**4. COORDINATING INSTRUCTIONS:**

- a. All submitted samples for test shall be secured at all times
- b. All personnel involved must be in the area NLT 1315H for the briefing.
- c. All personnel who were absent or late during the activity shall be given a stern warning, an explanation letter shall be submitted by said personnel after three (3) repeated offenses.
- d. All personnel involved during the testing must wear PPE at all times.
- e. Medical evacuation to any nearest hospital is authorized
- f. Lateral coordination among offices is authorized and highly encouraged.

**5. SERVICE SUPPORT:**

- a. Supply - Class X, Chemical reagents, laboratory equipment and office supplies
- b. Medical – Emergency medical evacuation at nearest military hospital is authorized.

**6. COMMAND SIGNAL:**

- a. Command: HRDC, ASCOM, PA
- b. Signal:
  - 1) Current ASCOM CEOI in effect.
  - 2) Primary means of communication: Cellphone/ Landline

CARANTO  
LTC

**ACKNOWLEDGE:**

*John Regis*  
REGIS  
C, QAD

**ANNEX A - Task Organization**

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### TASK ORGANIZATION

**ITEM:** Buckle, Stainless Steel, Belt, Waist  
**TYPE OF TEST:** Acceptance Test  
**PROPOSER:** Belstaten Trading  
**REQUESTED BY:** Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF  
**TE ORDER NO:** AC-QM-2K16-99

TASKS	PERSONNEL
PROJECT OFFICER, PROJECT LOGISTIC OFFICER AND SAFETY OFFICER	CPT JOFFREY S CORPUZ (OS) PA
MODERATOR	Anabelle C Raymundo
DIMENSIONAL ANALYSIS	Edilberto S Juarez Josephine A Balaqui
PHYSICAL ANALYSIS	Modest Joydalyn M Reyes Rebecca R Bangsal Joel B Baes
QAD CHEMIST-IN CHARGE	Anabelle C Raymundo
CHEMICAL ANALYSIS	Engr Lou V Aseo Josephine A Balaqui Engr Edward M Bongganay
OBSERVER	Cpl Mark Alvin B Deinla
TEST REPORT ENCODER	Pfc Harlyn Joy R Tubonganua
PHOTOGRAPHER	Rogelio A Andrada Jr
INTEL REPRESENTATIVE	Pfc Idda Jane N Sarmiento



GERALD M. REGIS  
 Major (OS) PA  
 Chief, QAD

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**HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY**  
Camp Alejandro B Meilchor Sr, Libis, Quezon City

## SUMMARY OF ACCEPTANCE TEST

9 ITEM: Buckle, Stainless Steel, Belt, Waist for PAF  
10 (AC-QM-2K16-99)

11 LOT SIZE: 4,755 pieces

12 DATE/TIME STARTED: 041345 August 2016

13 VENUE: RDC Testing Room

15 PERSONNEL INVOLVED: See Task Organization  
16

16  
17 WITNESS: TSgt Troy O Maquiran PAE – PAETIAC Rep

18 *Regency & Winco.*

19 SUMMARY

21 Three (3) pieces Buckle, Stainless Steel, Belt, Waist for PAF were withdrawn  
22 by Ms Raymundo from Cpl Lamit at the Logistics Office before the conduct of test on  
23 04 August 2016. As per tally-in record, the sample was submitted by TSg Troy Q  
24 Maquiran PAF, PAFTIAC Representative and received by CPT CORPUZ thru  
25 Cpl Lamit at said office on same day.

The conduct of acceptance test on Buckle, Stainless Steel, Belt, Waist for PAF delivered by Belstaten Trading was requested by Squadron Commander, 4211<sup>th</sup> TOSS, Hqs 420<sup>th</sup> Supply Wing, PAF. The references used for the conduct of test and evaluation are the PAF Interim Test Parameters, SPEC NR BSSBW 2012-13 dated 21 December 2012 for said item as per copy of related bidding documents provided by PAFTIAC representative.

The conduct of test was headed by CPT CORPUZ o/a 1345H same day. The sealed samples were opened to start the conduct of test. One (1) piece was subjected to dimensional test while the other piece was destructed for physical and chemical analyses.

38 A total of 26 characteristics were tested and classified into 17 major and  
39 9 minor defects based on the PAF test parameters.  
40

After completion of test o/a 1424H same day, submitted samples of Buckle, Stainless Steel, Belt, Waist for PAF were found to be **COMPLIANT** with no defect.

45 PREPARED BY

NOTED BY

45 PREPARED BY:  
46  
47 *Anabelle C Raymundo*  
48 Anabelle C Raymundo  
49 Moderator

Joffrey S. Corpuz  
CPT JOFFREY S CORPUZ (OS) PA  
Project Officer



Philippine Air Force  
Air Logistics Command  
Headquarters, 420<sup>th</sup> Supply Wing  
Clark Air Base, Philippine Air Force  
(Air Force City)  
Mabalacat, Pampanga

4211<sup>th</sup> TOSS

SUBJECT: Request for Acceptance Test and Evaluation

TO: MAJ GEN ELMER C PABALE AFP  
Commander, ASCOM PA  
Fort Andres Bonifacio, Taguig City  
(Attn: AC of S for operation, G3)

1. Reference: PAFPC CDS-16-78.
2. Per above reference, request acceptance test and evaluation to the items listed below to determine their conformance with the approved AFP Technical Specifications.

ITEM	QM SPEC	PROPOSER
Belt Garrison, OD	QM Spec Nr E-74 B2 Amendment 2 dtd 08 Sept 2003	
Belt Garterized, Blue	PAF SPEC NR BWGB- 2016-04 dtd 15 Feb 16	
Buckle Garrison, Black	PAF SPEC NR BBBBW 2012-14 (INTERIM) dtd 21 Dec 12	BELSTATEN TRADING
Buckle Stainless with PAF Logo	PAF SPEC NR BSSBW 2012-13 (INTERIM) dtd 21 Dec 12	

3. For utmost consideration.

FOR THE CHAIRMAN PAF ACCEPTANCE COMMITTEE:

IRENE A. REARTE  
CPT, PAF  
Squadron Commander, 4211<sup>th</sup> TOSS

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HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY  
Camp Alejandro B Melchor Sr., Libis, Quezon City

RDC/AD

28 September 2016

SUBJECT: Conduct of Product Development Test on Various ICIE Items

TO: All Concerned  
(See Attached Task Organization)

1. Reference: Letter request from Chief, Army Quartermaster dated 22 September 2016; Subject: Conduct of Test.

2. Per reference, you are directed to conduct Product Development Test on the following ICIE items on date indicated below.

Item	TE Order No.	Date
Poncho, Tent	PD-QM-2K16-27	290830 Sept 2016
Proposed Backpack, Tactical	PD-QM-2K16-28	291330 Sept 2016

3. For appropriate action.

BY ORDER OF LIEUTENANT COLONEL CARANTO:

  
GERALD M. REGIS  
MAJ (OS) PA  
Chief, Admin Division

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HEADQUARTERS  
RESEARCH AND DEVELOPMENT CENTER  
ARMY SUPPORT COMMAND, PHILIPPINE ARMY  
Camp Alejandro B. Melchor Sr Libis, Quezon City

RDCX

SUBJECT: Product Development Test of  
Swatch Materials for Backpack, Tactical

TO: Commander, ASCOM, PA  
Fort Andres Bonifacio, Metro Manila  
Attn: ACS for Operations, G3

1. Reference: Letter from OAQM dated 22 September 2016,  
Subject: Product Development Test.

2. Per reference, this Center conducted product development test on  
samples of Swatch Materials for Backpack, Tactical.

3. Forwarded is the RDC Report of Test on said sample indicated as  
PD-QM-2K16-28 dated 07 October 2016.

4. For product development test, this Center recommends that at least  
three (3) different samples shall be utilized as basis of comparison to have a better  
analysis and evaluation of results. This is to ensure that we can come up with the  
appropriate qualities, best properties and characteristics of an item as benchmark in  
either formulation of technical specifications or improvement/amendment of existing  
ones. Moreover, in this manner the tailor fitting of specifications to the item of a  
particular supplier will be minimized.

5. Request indorsement of the aforesited report on Swatch Materials for  
Backpack, Tactical and the RDC recommendation addressed to Chief, OAQM for their  
perusal and reference.

LEO EDWARD Y CARANTO  
LTC OS (GSC) PA  
Director

atc

Product Development Center, ASCOM, PA Libs, Quezon City

DATE: 07 October 2016

## PRODUCT DEVELOPMENT TEST REPORT

(PD-QM-2K16-28)

ITEM: SWATCH MATERIALS FOR BACKPACK, TACTICAL  
 REQUESTED BY: OAQM

CHARACTERISTICS	TEST METHOD	FINDINGS
Basic Material	AATCC 20	Nylon canvas
Color	Visual	With coating on the reverse side Olive Drab (OD)
Yarn Size, Denier		
Warp	ASTM D1059	1,392
Filling		1,238
Thread Count/2.54cm		
Warp	ASTM D3775	36
Filling		29
Weight, g/m <sup>2</sup>	ASTM D3776	368
Thickness, mm	ASTM D1777	0.61
Breaking Strength, kg		
Warp	ASTM D 5034 (Grab Method)	347.73
Filling		296.82
Type of Weave	Visual	Plain
Water Repellency, %	AATCC 22 (Spray Method)	90
Water Resistance, grams of water absorbed by blotter	AATCC 42 (Impact Penetration Test)	0
Lining	AATCC 20	Polyester fabric
Color	Visual	Olive Drab (OD)
Yarn Size, Denier		
Warp	ASTM D1059	92
Filling		84
Thread Count/2.54cm		
Warp	ASTM D3775	102
Filling		75
Weight, g/m <sup>2</sup>	ASTM D3776	65
Thickness, mm	ASTM D1777	0.15
Breaking Strength, kg		
Warp	ASTM D 5034 (Grab Method)	45.82
Filling		41.82
Type of Weave	Visual	Plain
Mesh:	Visual & AATCC 20	Two layered material. Top and bottom layers are black knitted breathable polyester mesh
No of holes per 2.54cm <sup>2</sup>	Actual Count	56
Thickness, mm	ASTM D1777	2.5
Weight, g/m <sup>2</sup>	Actual Measurement	236
Bursting Strength, kg/cm <sup>2</sup>	ASTM D3786	19.12
		/Straps...

PREP BY \_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB, QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ CHIEF, PTB, QAD \_\_\_\_\_ CHIEF, QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

and Development Center, ASCOM, PA Libis, Quezon City

DATE: 07 October 2016

# PRODUCT DEVELOPMENT TEST REPORT

(PD-QM-2K16-28)

ITEM: SWATCH MATERIALS FOR BACKPACK, TACTICAL

REQUESTED BY: DAQM

CHARACTERISTICS	TEST METHOD	FINDINGS		
Straps	AATCC 20	Polyester webbing		
Color	Visual	Olive Drab (OD)		
Width, cm	Actual Measurement	Strap # 1 1.9	Strap # 2 2.5	Strap # 3 5.0
Type of Weave	Visual	Plain-Double	Plain-Double	Plain-Double
Thickness, mm	Fed Std 311-1011	1.0	1.1	1.0
Breaking Strength, kg (full width)	Fed Std 311-4108	551.52	736.36	1,139.39
Plastic Accessories				
D-ring				
Color	Visual	Black		
Dimensions, (L,cm x W, cm x T, mm)	Actual Measurement	3.4 x 2.8 x 4.0		
Quick Release Buckle (small)				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	5.4 x 2.6		
Thickness, mm		11.3		
Breaking Strength, kg	ASTM D1623	104.55		
Quick Release Buckle (medium)				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	6.2 x 3.2		
Thickness, mm		12.0		
Breaking Strength, kg	ASTM D1623	52.73		
Quick Release Buckle (large)				
Color	Visual	Olive Drab (OD)		
Dimensions, cm (L x W)	Actual Measurement	8.0 x 6.0		
Thickness, mm		15.0		
Breaking Strength, kg	ASTM D1623	137.27		
Adjustable Buckle (small)				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	2.4 x 3.4		
Accommodation Width, cm		2.7		
Adjustable Buckle (large)				
Color	Visual	Olive Drab (OD)		
Dimensions, cm (L x W)	Actual Measurement	3.2 x 6.1		
Accommodation Width, cm		5.0		
Slide Keeper				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	2.7 x 1.4		
Ladder Lock				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	4.4 x 3.4		
Adjustable Buckle with Handle				
Color	Visual	Black		
Dimensions, cm (L x W)	Actual Measurement	2.8 x 4.2		
Accommodation Width, cm		1.9		
Handle				
Adjustable Strap		2.7		

/Elastic Cord . . .

PREP BY \_\_\_\_ TESTERS \_\_\_\_\_ SUPV, QM SEC, PTB,QAD \_\_\_\_\_ SUPV, QAD \_\_\_\_\_ CHIEF, PTB, QAD \_\_\_\_\_ CHIEF,QAD \_\_\_\_\_ DIRECTOR, RDC \_\_\_\_\_

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Copy No \_\_\_\_\_ of \_\_\_\_\_ Copies  
RDC, ASCOM, PA, Camp Melchor, Libis, QC  
29 September 2016

IMPLAN TO RDC Letter Directive dated 28 September 2016; Conduct of Product Development Test on Basic Material for Poncho Tent submitted by Chief, OAQM (PD-QM-2K16-27)

REFERENCE: Letter from Chief, OAQM dated 22 September 2016

TIME ZONE USED THROUGHOUT THE PLAN: HOTEL

TASK ORGANIZATION (Annex A)

1. SITUATION:

- a. Enemy Forces (Current INTSUM)
- b. Friendly Forces: All AFP/PNP within the AOR
- c. Assumptions:
  - 1) All testers are technically trained to perform their mandated functions.
  - 2) Testers involved in chemical testing may be exposed to harmful chemicals and vapors inside the laboratory.
  - 3) Operation of test equipment may involve instances of minor injuries, depending on the current operational status of equipment.
  - 4) Test equipment are regularly maintained and calibrated, however, there are still other factors which may cause malfunction during its operation.
  - 5) Power fluctuation or interruption may lead to disruption or cancellation of test.
  - 6) Personal Protective Equipment, First-Aid kit and Emergency Vehicle are all readily available in case of emergency.
  - 7) Authorized witnesses from the procuring agency, TWG/TIAC and end-user are present during the conduct of RDC Tests.

2. MISSION:

Product Testing Branch, QAD, RDC, ASCOM, PA conducts physical and chemical analyses on Basic Material for Poncho Tent on 290830 September 2016 in order to determine the technical compliance of the sample to the official specifications and test parameters.

3. EXECUTION:

a. Commander's Intent:

I intend to have an efficient, safe, and accurate conduct of Product Development Test on Basic Material for Poncho Tent on 290830 September 2016 requested by Chief, OAQM.

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b. Concept of Operation:

- 1) The concept of this operation is for the Product Development Test on Basic Material for Poncho Tent.
- 2) Briefing will be conducted at the onset of testing to clarify all terms, scope and limitations of the test, details of which will be stated in the minutes of meeting.
- 3) The testing of said item will be completed in one (1) day, from 0830H to 1030H, with minimum involvement of personnel per activity.
- 4) The preparation of test report will be completed in one (1) day after the completion of test. The test report will be coursé through all offices concerned before final approval of Director, RDC.

c. Tasks:

Staff support and supervision:

1) Admin Division

- a) Designate an officer to act as Project Officer, Project Logistic Officer and Safety Officer in coordination with Quality Assurance Division.
- b) Assign Test and Evaluation Number, issues Test Directive and prepares task organization (EP and CE) for each testing activity.
- c) Finance Branch shall prepare Order of Payment for the test fee.
- d) Inform the requesting party/witness regarding the scheduled day of test.
- e) Intel representative shall inform all the testers and observers of their responsibilities as stated in the Task Organization, Annex A, one (1) day prior to the day of test.
- f) Logistics Branch is in charge of receiving the samples from the requesting party (Tally-In), releasing the samples to the witnesses for outside tests (Tally-Out) and safekeeping of samples and swatches after testing for a maximum of six (6) months from day of test.
- g) Perform other tasks as directed.

2) Quality Assurance Division:

- a) Furnish copies of task organization to all divisions to serve as reference of personnel involved in the activity.
- b) Monitor and supervise closely the activity.
- c) Check completeness and serviceability of equipment prior to the date of testing.
- d) Prepare test worksheet which serve as reference of the moderator and witnesses during testing proper.
- e) Prepare summary of test to include defects of tested item and comments for improvement of said item.
- f) Prepare test report to include letter of transmittal and findings of test.
- g) Perform other tasks as directed.

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3) Materiel and Development Division:

- a) Inform MDD personnel tasked for this Implan.
- b) Perform other tasks as directed.

4) Project Officer, Project Logistic Officer and Safety Officer

- a) Supervise the conduct of Product Testing which includes physical and chemical analyses of swatch materials.
- b) Brief all personnel together with the witnesses before testing.
- c) Summarize the findings after all the characteristics stated in the Test Parameter have been determined, particularly the major and/or minor defects incurred from the testing of the item.
- d) Perform other tasks as directed.

**4. COORDINATING INSTRUCTIONS:**

- a. All submitted samples for test shall be secured at all times.
- b. All personnel involved must be in the area NLT 0815H for the briefing
- c. All personnel who were absent or late during the activity shall be given a stern warning, an explanation letter shall be submitted by said personnel after three (3) repeated offenses.
- d. All personnel involved during the testing must wear PPE at all times.
- e. Medical evacuation to any nearest hospital is authorized.
- f. Lateral coordination among offices is authorized and highly encouraged.

**5. SERVICE SUPPORT:**

- a. Supply - Class X, Chemical reagents, laboratory equipment and office supplies
- b. Medical – Emergency medical evacuation at nearest military hospital is authorized.

**6. COMMAND SIGNAL:**

- a. Command: HRDC, ASCOM, PA
- b. Signal:
  - 1) Current ASCOM CEOI in effect.
  - 2) Primary means of communication: Cellphone/ Landline

CARANTO  
LTC

**ACKNOWLEDGE:**

  
REGIS  
C, QAD

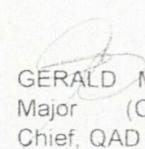
**ANNEX A - Task Organization**

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### TASK ORGANIZATION

**ITEM:** Swatch Material for Backpack Tactical  
**TYPE OF TEST:** Product Development Test  
**REQUESTED BY:** OAQM  
**TE ORDER NO:** PD-QM-2K16-28

TASKS	PERSONNEL
PROJECT OFFICER, PROJECT LOGISTIC OFFICER AND SAFETY OFFICER	CPT MARIA JESICA S LEVISTE (QMS) PA
MODERATOR	Anabelle C Raymundo
PHYSICAL ANALYSIS	Edilberto S Juarez Joel B Baes Josephine A Balaqui
QAD CHEMIST-IN CHARGE	Anabelle C Raymundo
CHEMICAL ANALYSIS	Engelbert A Avena Rebecca R Bangsal
OBSERVERS	Rogelio A Andrade Jr
TEST REPORT ENCODER	Pfc Harlyn Joy R Tubongbanua
PHOTOGRAPHER	Rogelio A Andrade Jr
INTEL REPRESENTATIVES	Cpl Jorge B Guerrero Jr

  
**GERALD M. REGIS**  
 Major (OS) PA  
 Chief, QAD

Quality Assurance Division, RDX, ASDCOM, PA

DATE: 31 August 2016

## PRODUCT PRE-TEST REPORT

(PPT-QM-2K16-126)

ITEM:

BASIC MATERIAL FOR T-SHIRT, RAGLAN, ROUND/V-SHAPED NECK, COTTON, OD

REQUESTED BY:

Neala Enterprises

CHARACTERISTICS	TEST METHOD	FINDINGS
Basic Material	AATCC 20	100% Cotton
Yarn Number, Denier	ASTM D1059	30/1
Color	Visual	Olive Drab (OD)
Thickness, mm	ASTM D1777	0.45
Fabric Count/cm		
Wales	ASTM D3887	17
Courses		22
Bursting Strength, kg/cm <sup>2</sup>	ASTM D3786	11.68
Type of Knit	Visual	Single Jersey
Dimensional Change, %	AATCC 135	
Length (Wales)	(2) IIR - 8 cycles	-7.8
Width (Courses)	Delicate Machine Cycle, 27 ± 3°C, Line Dry	2.5
Colorfastness		
Laundering, rating		
Change in Color	AATCC 61	Grade 4.5
Staining		Grade 4.5
Perspiration, rating		
Change in Color	AATCC 15	Grade 4.5
Staining		Grade 4.5
Color Quality, Color Difference	Spectrophotometric Method	0.74

\*THIS REPORT OF TEST SHALL NOT BE USED AS BASIS FOR POST QUALIFICATION/ACCEPTANCE NOR PAYMENT OF  
ITFMS DPL (VFRD). Report is not valid if there are ~~any~~ ~~unauthorized~~ alterations and without RDC seal.

ENCODED BY:

Rebecca R Banosal

NOTED BY:

GERALD M. REGIS  
MAJ (OSI) PA  
Chief, QAD



## NEALA ENTERPRISES

5690 Tagaytay-Sta. Rosa Rd. Lumban  
Silang, Cavite

August 9, 2016

**LTC. Leo Edward Y. Caranto (OS) PA**  
Director  
Research and Development Center  
Army Support Command, P.A.  
Camp. B Melchor Sr.  
Libis, Quezon City.

Dear Sir,

We would like to request your good office, to conduct Pre-Test and Evaluation of the samples submitted:

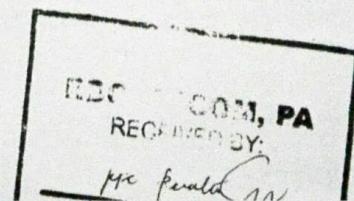
- Basic Materials for T-Shirt OD (QM SPEC NR IC-21TSR dtd 06 January 2011  
supersedes QM SPEC NR IC-21TSR dtd 18 Jun 09

Our company will shoulder the test fee/expenses to be incurred on the said items.

Thank you very much.

Sincerely yours,

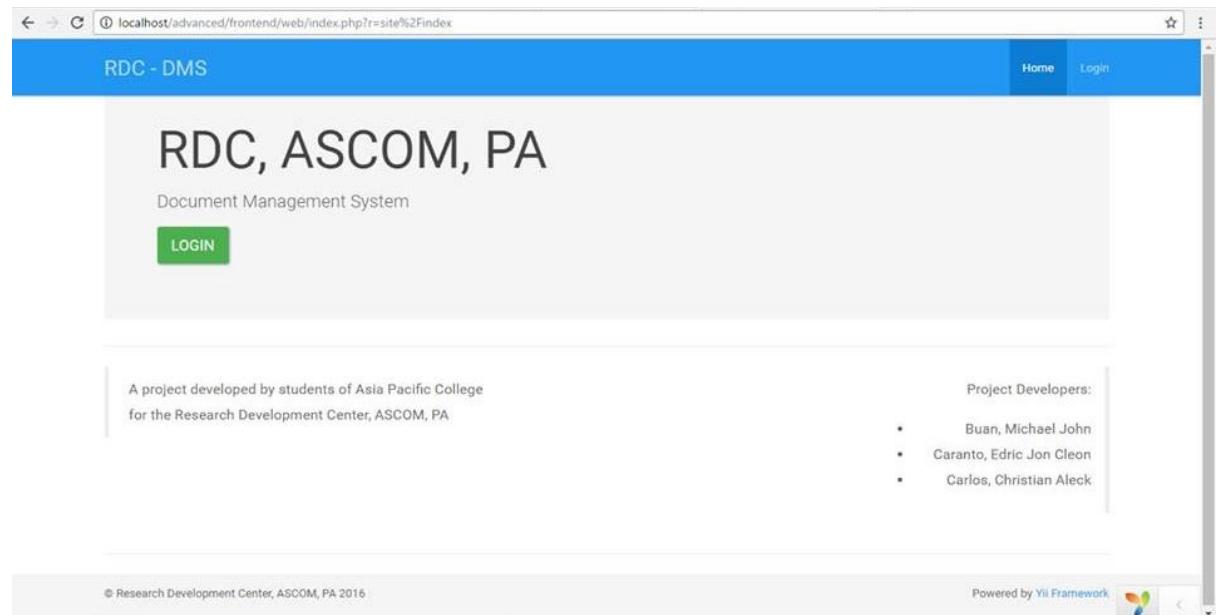
*Maria Teresita R. Vitalicio*  
MARIA TERESITA R. VITALICIO  
Manager



## Users Guide

### Frontend:

Home page without the user logged in

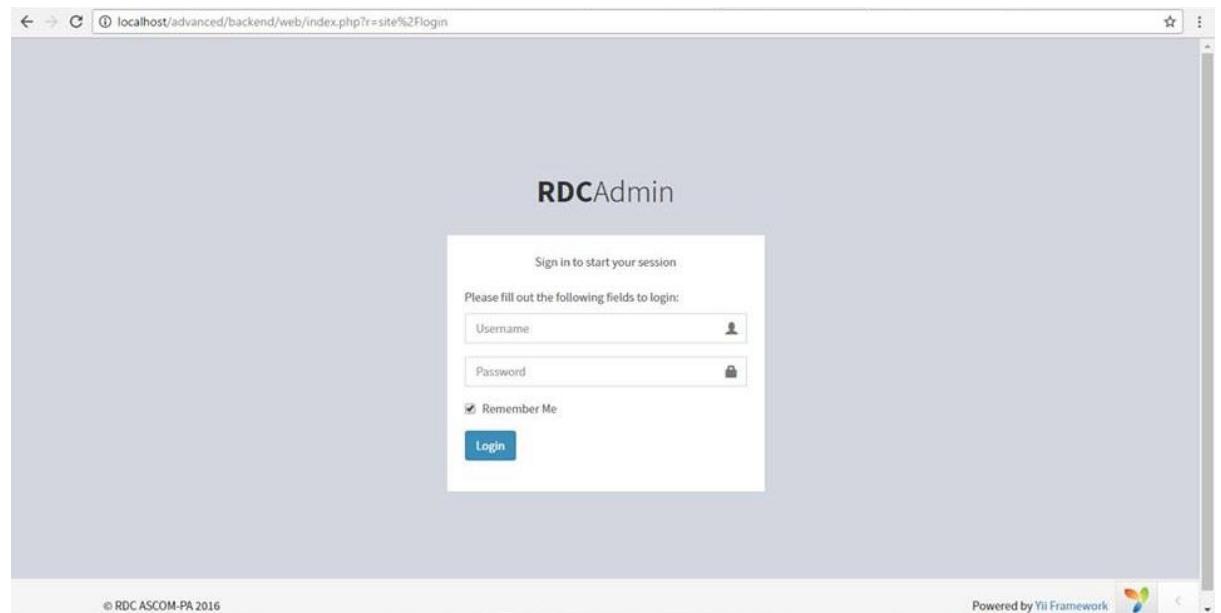


To access the system, the user must have an account. Registration will be done in Backend/Admin side.

### Backend:

Login page of Backend

Admin must login his/her account

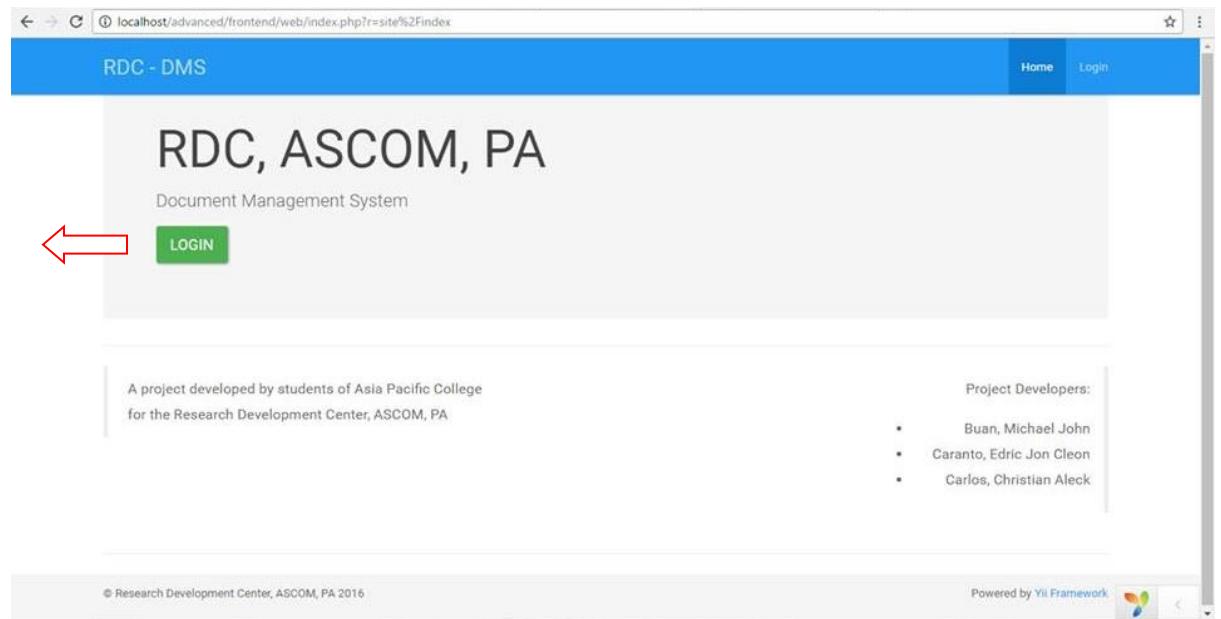


## Register form in the backend

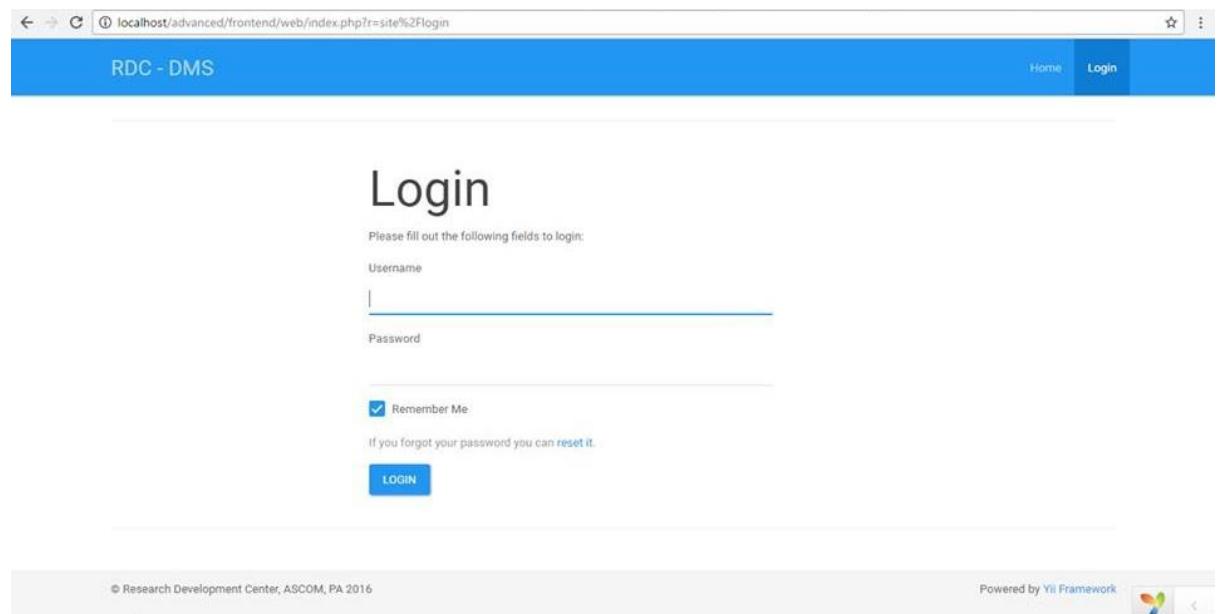
The registration of users is in the backend so that they can have control in adding privileges to each user of RDC. The admin must click the Register user on the left side

## Frontend:

Once the user has already an account, they can proceed to login by clicking the login button



Login page



Home page when logged in

This is the page where the user wants to see the test projects and its documents or the calendar where they can add events.

The screenshot shows the homepage of the RDC - DMS system. At the top, there's a blue header bar with the title "RDC - DMS" and a "LOGOUT (USERONE)" button. Below the header, the main content area has a large title "RDC, ASCOM, PA" and a subtitle "Document Management System". There are two green buttons: "CURRENT TEST PROJECTS" and "CALENDAR". Below these buttons, there's a section about the project being developed by students of Asia Pacific College for the Research Development Center, ASCOM, PA. To the right, a list of "Project Developers" is shown: Buan, Michael John; Caranto, Edric Jon Cleon; and Carlos, Christian Aleck. At the bottom right, there's a small logo.

## Main page of the system

This page is where the user can view the list of test projects created and a user with privilege can only create a test project.

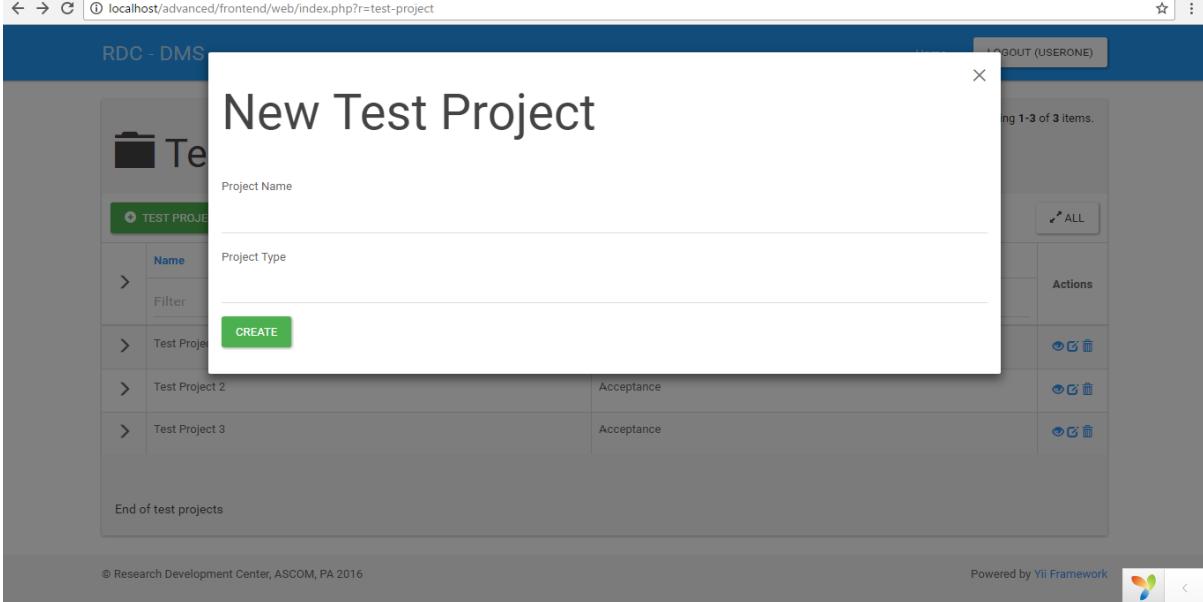
The screenshot shows the "Test Projects" page. The title is "Test Projects" with a folder icon. Below the title, there are four buttons: "TEST PROJECT", "DOCUMENT", "REQUEST APPROVAL", and "ADD SIGNATURE". A "Filter" button is also present. The main content area displays a table with three rows of data:

Name	Type	Actions
Test Project 1	Acceptance	
Test Project 2	Acceptance	
Test Project 3	Acceptance	

At the bottom of the table, it says "End of test projects". The footer contains copyright information: "© Research Development Center, ASCOM, PA 2016" and "Powered by Yii Framework".

## Create new test project

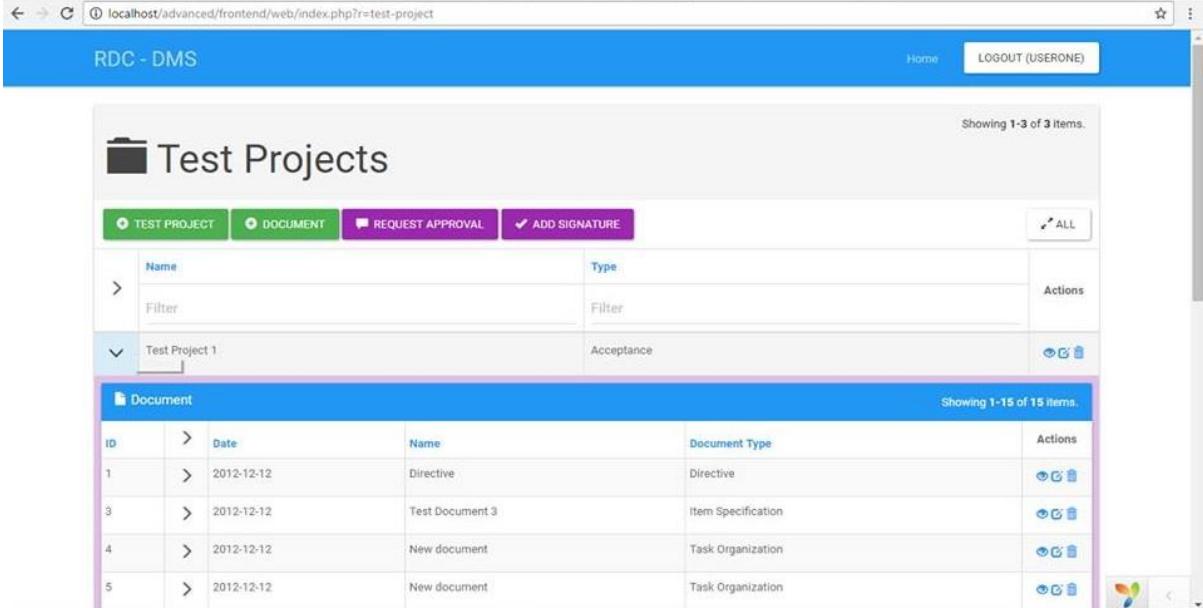
When the user with privilege to create test project can access this form once he/she clicks  button



The screenshot shows a modal window titled "New Test Project". Inside the modal, there are two input fields: "Project Name" and "Project Type". Below these fields is a green "CREATE" button. In the background, there is a sidebar with a tree view showing "Test Project 1" expanded, revealing "Test Project 2" and "Test Project 3" as children. The main area below the sidebar shows the message "End of test projects". The URL in the browser bar is "localhost/advanced/frontend/web/index.php?r=test-project".

View test documents under a test project

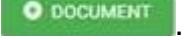
User can view the documents pertaining to a test project by clicking the  button

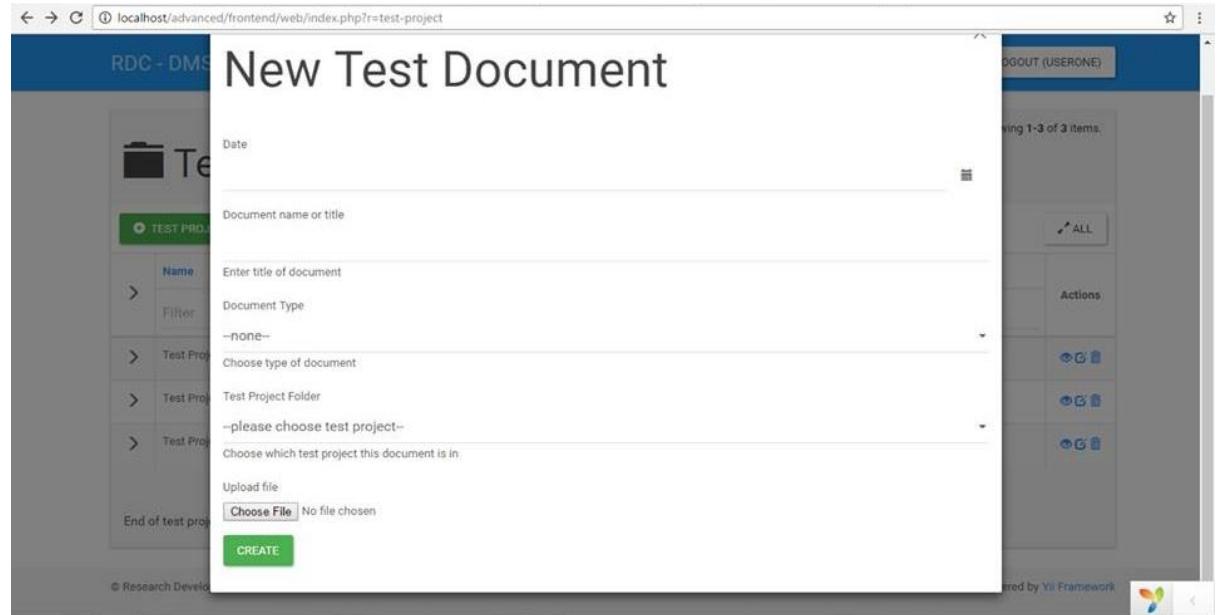


The screenshot shows a list of "Test Projects" with "Test Project 1" selected. Under "Test Project 1", there is a "Document" section containing a table with 15 items. The table has columns for "ID", "Date", "Name", "Document Type", and "Actions". The first few rows of the table are:

ID	Date	Name	Document Type	Actions
1	2012-12-12	Directive	Directive	
3	2012-12-12	Test Document 3	Item Specification	
4	2012-12-12	New document	Task Organization	
5	2012-12-12	New document	Task Organization	

## Create test document

User can create test document in a test project by clicking  . They must specify in which test project a document will be added. They must completely fill out the form and they can already upload the file.



After finishing creating test projects and test documents, they will be redirect to the main page and they check if they added it correctly. If not, they can

access these buttons

The first button from the left is the view button, the middle button is the edit, the last is delete.

Take note: Only user with highest privileges can create update and delete a test project.

localhost/advanced/frontend/web/index.php?r=test-project

RDC - DMS

Name

Type

Actions

Filter

Filter

Test Project 1

Acceptance

Document

Showing 1-15 of 15 items.

ID	Date	Name	Document Type	Actions
1	2012-12-12	Directive	Directive	
3	2012-12-12	Test Document 3	Item Specification	
4	2012-12-12	New document	Task Organization	
5	2012-12-12	New document	Task Organization	
6	2012-12-12	New document	Task Organization	
7	2012-12-13	Michael Buan	Result	
9	2016-12-15	New Directive	Directive	
10	2016-12-14	createt	Directive	

localhost/advanced/frontend/web/index.php?r=test-document%2Fview&id=1

## View a document

When the user clicks the view button, he/she will be directed to this page where they can see the details of a document and they can download the document uploaded.

localhost/advanced/frontend/web/index.php?r=test-document%2Fview&id=1

RDC - DMS

Home

LOGOUT (USERONE)

## Directive

UPDATE DELETE

ID	1
Date	2012-12-12
Name	Directive
Type	Directive
Project ID	1

DOWNLOAD

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Powered by Yii Framework

localhost/advanced/frontend/web/index.php?r=test-document%2Fdownload&file=

## Approval details in a document

Once a document is added and uploaded, the approval of document takes place. In each document, they can view the approval details when a user clicks the collapse button.

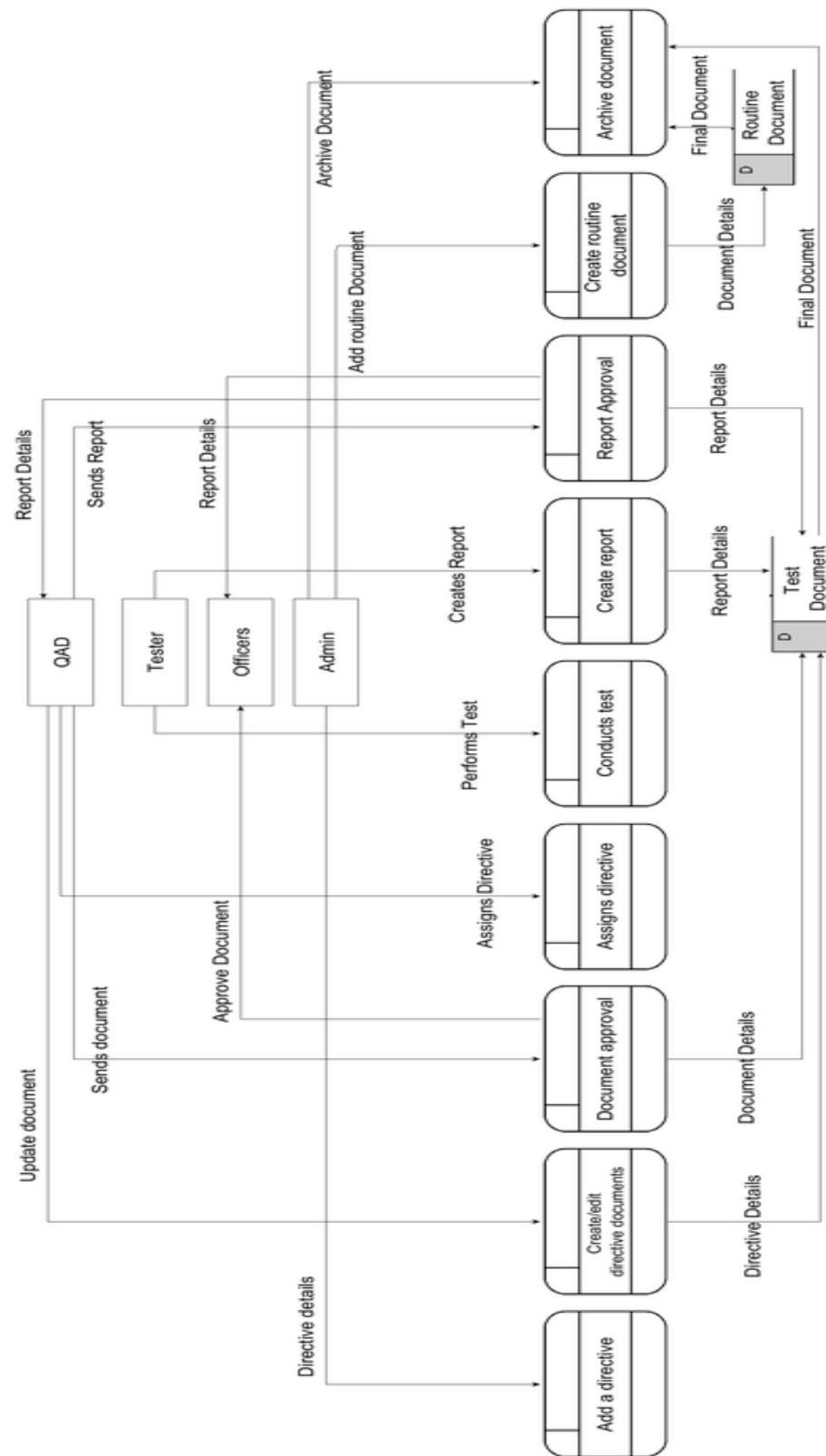
The screenshot shows the RDC - DMS application interface. At the top, there is a navigation bar with links for Home and Logout (USERONE). Below the navigation bar, the title 'RDC - DMS' is displayed. The main content area is titled 'Test Projects'. It features a table with columns for Name, Type, and Actions. One row in the table is expanded, showing a sub-section titled 'Document' with two tables: 'Directive' and 'Directive'. Both of these sub-tables display the message 'No results found.'

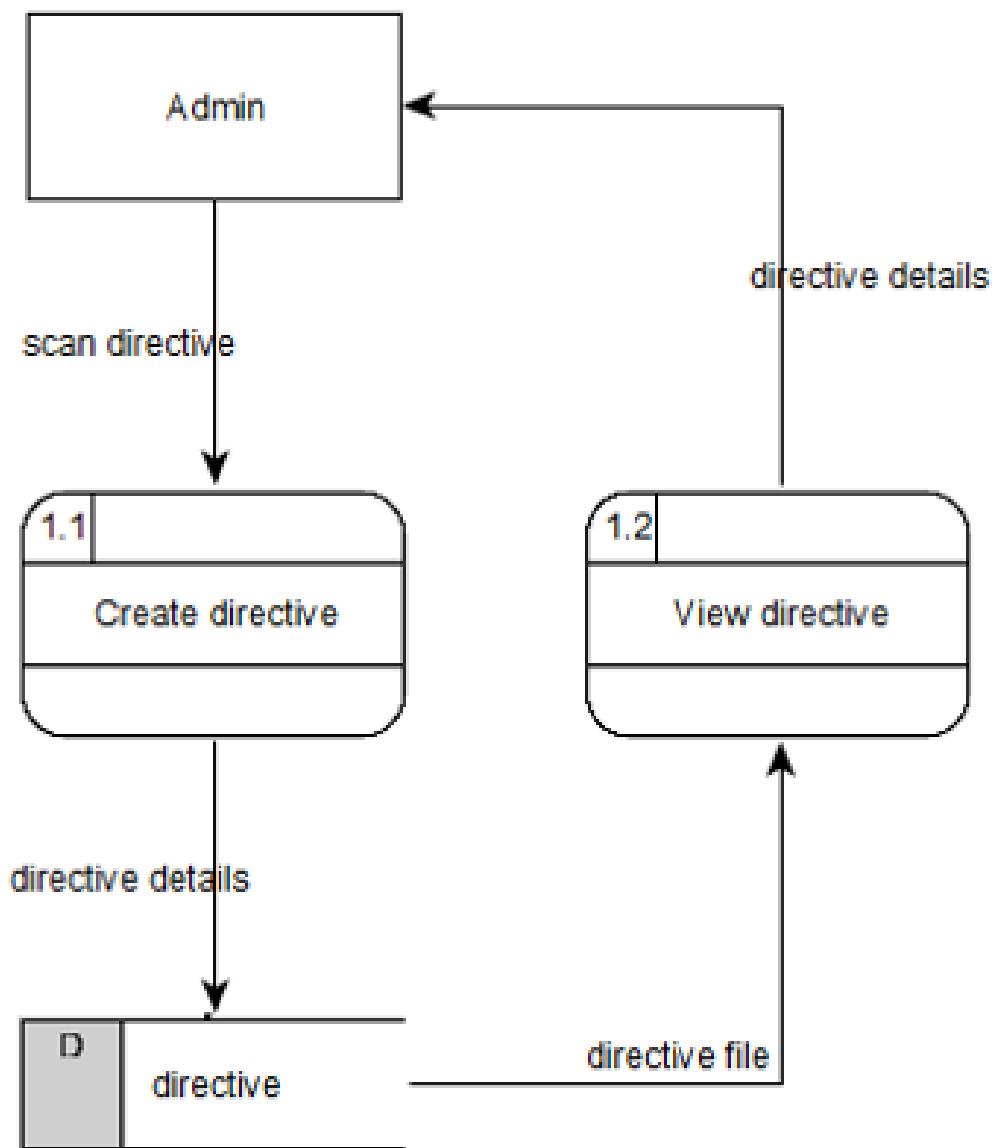
### View calendar

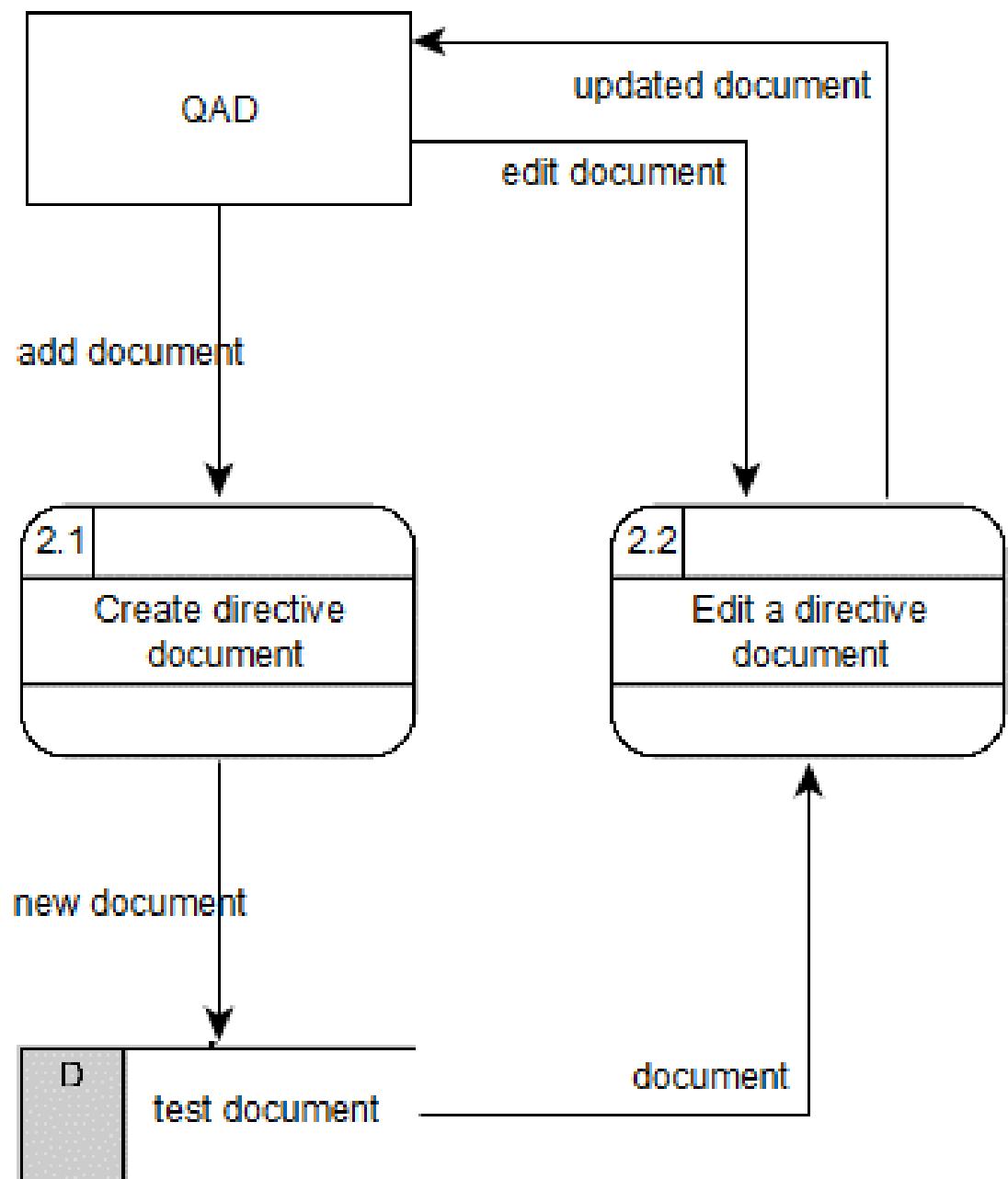
If the user wants to check the events, they can access the calendar clicking the calendar **CALENDAR** button in the home page.

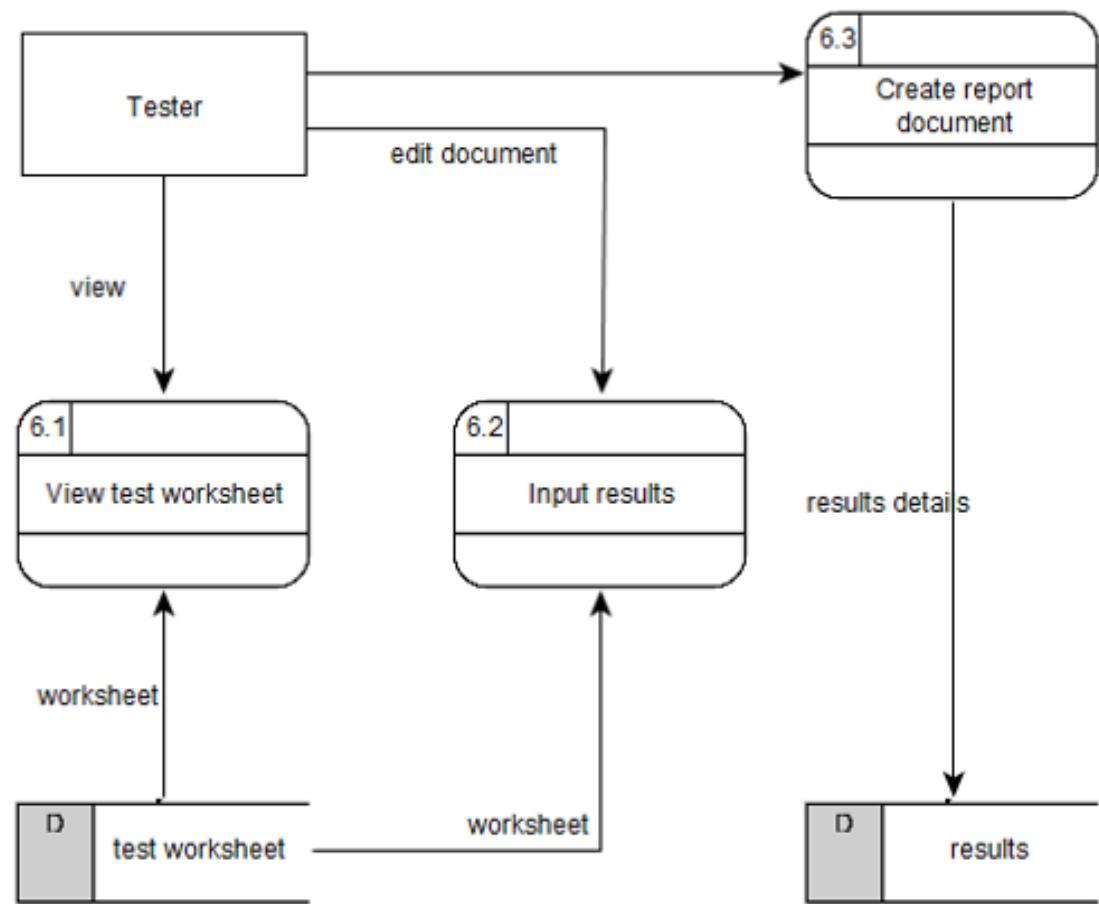
The screenshot shows the RDC - DMS application interface. At the top, there is a navigation bar with links for Home and Logout (USERONE). Below the navigation bar, the title 'RDC - DMS' is displayed. The main content area is titled 'December 2016'. A calendar grid is shown for December, with days from Sunday to Saturday. Specific dates are highlighted: December 12 is labeled 'Surprise', and December 15 is highlighted with a yellow background. Navigation buttons for 'today', 'month', and 'week' are also visible.

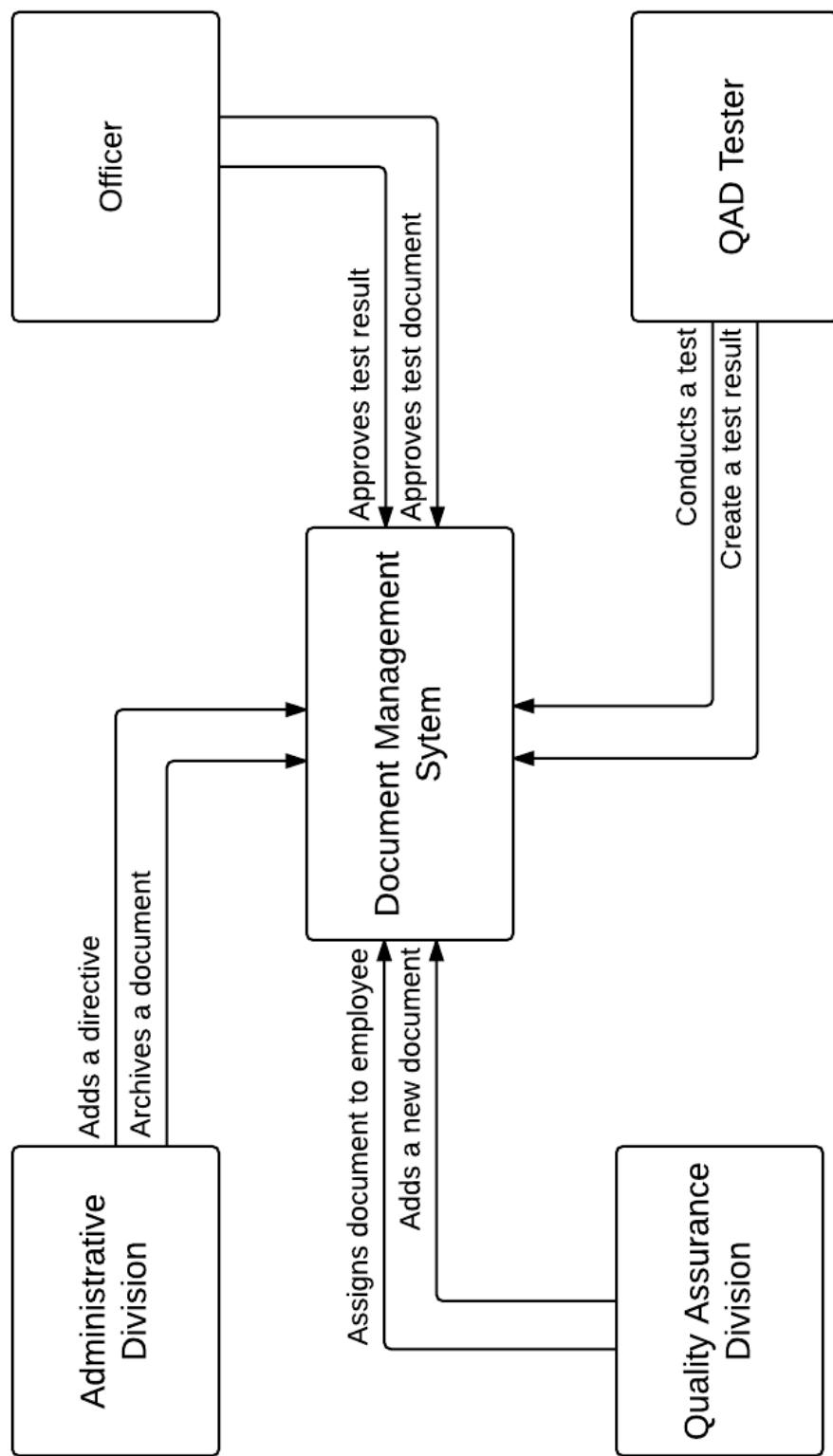
## Process/Data/Information Flow



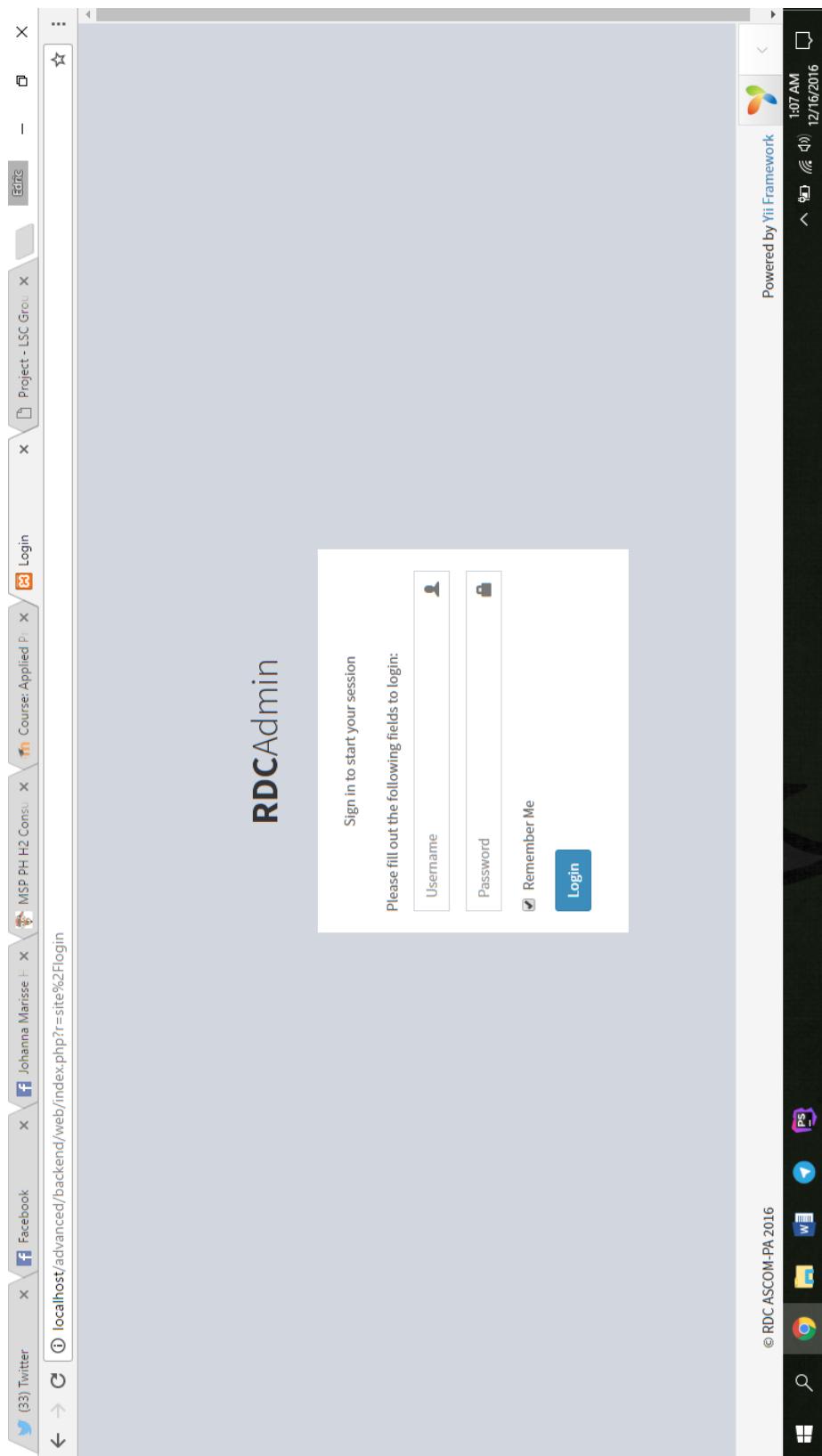








## Screen Layouts



(29) Twitter  f Ian messaged MSE  f Ian messaged MSE  MSP PH H2 Consu  Course: Applied P  Login  Project - LSC Group  Edit  Edit  Home  Login

Powered by Yii Framework 

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1:03 AM 12/16/2016

The screenshot shows a web application interface for 'RDC - DMS'. A modal dialog box is centered, titled 'New Test Project'. Inside the dialog, there is a 'Project Name' input field and a 'Project Type' section. The 'Project Type' section includes a 'Name' dropdown menu with options like 'Test Project', 'Test Project 2', 'Test Project 3', and 'Acceptance'. Below the dropdown is a 'CREATE' button. The background of the application shows a list of projects: 'Test Projects' (with 3 items), 'Course: Applied Project' (with 1 item), 'MSP Christmas Part' (with 1 item), 'MSP PH H2 Consultation' (with 1 item), 'Facebook' (with 2 items), and 'Twitter' (with 2 items). The bottom right corner of the screen displays a system tray with icons for search, file explorer, and other system functions.

RDC - DMS

Logout (USERONE)

December 2016

Sun Mon Tue Wed Thu Fri Sat

27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

Surprise event

(5) Twitter Michael messaged Mon: 11/28/2016 12:28 AM 12/16/2016

# RDC - DMS

[Home](#) [LOGOUT \(USERONE\)](#)

## Directive

	<a href="#">UPDATE</a>	<a href="#">DELETE</a>
ID	1	
Date	2012-12-12	
Name	Directive	
Type	Directive	
Project ID	1	

[DOWNLOAD](#)

Powered by Yii Framework

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localhost/advanced/frontend/web/index.php?r=test-document%2fdownload&file=

12:28 AM 12/16/2016

localhost/advanced/frontend/web/index.php?r=test-project

## RDC - DMS

Logout (USERONE)

Name	Type	Actions
> Filter	Filter	
> Test Project 1	Acceptance	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>

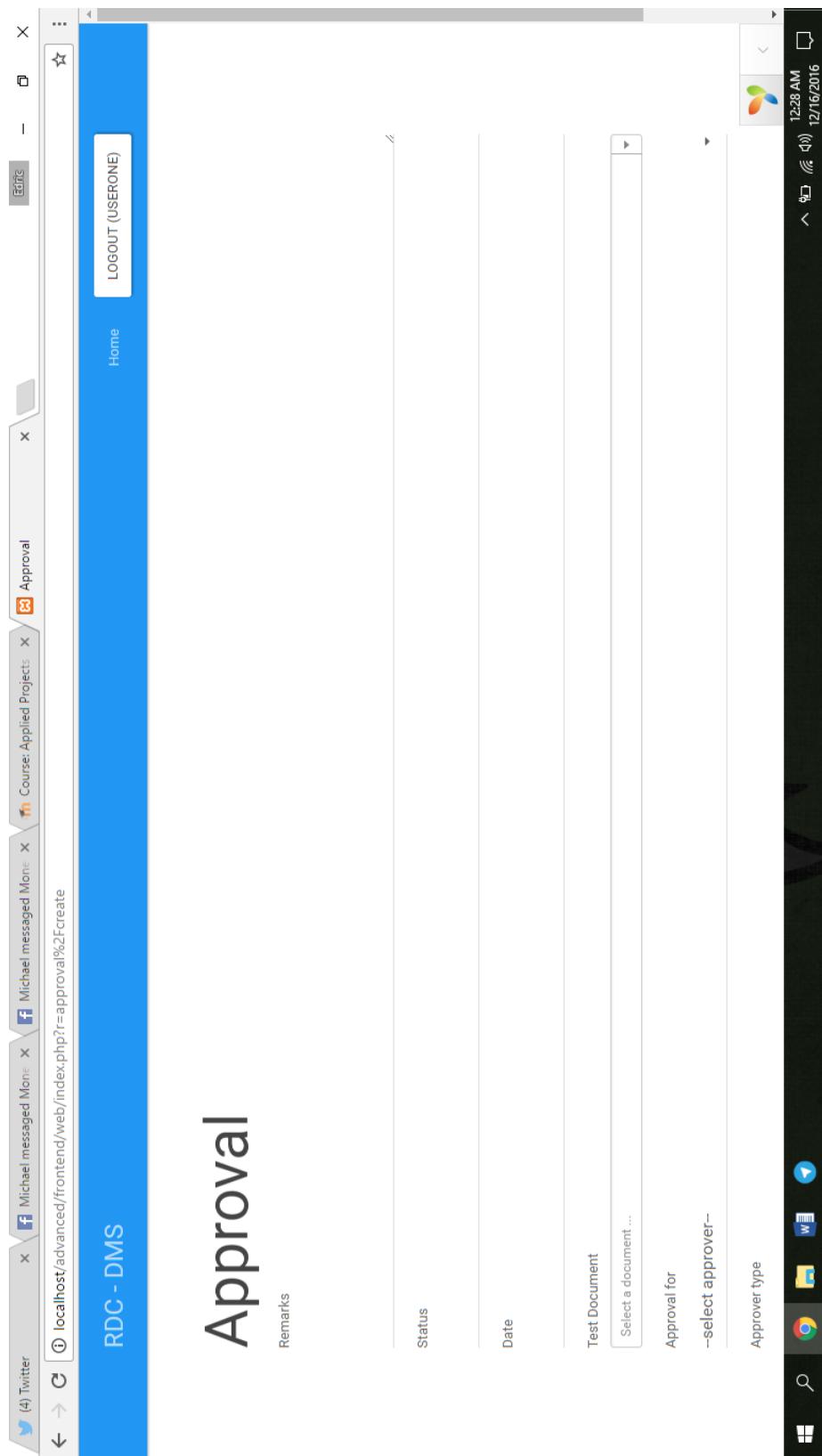
Showing 1-15 of 15 items.

ID	Date	Name	Document Type	Actions
1	> 2012-12-12	Directive	Directive	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
3	> 2012-12-12	Test Document 3	Item Specification	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
4	> 2012-12-12	New document	Task Organization	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
5	> 2012-12-12	New document	Task Organization	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
6	> 2012-12-12	New document	Task Organization	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
7	> 2012-12-13	Michael Buan	Result	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
9	> 2016-12-15	New Directive	Directive	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>
10	> 2016-12-14	createt	Directive	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">View</a>

localhost/advanced/frontend/web/index.php?r=test-document%2fview&id=1

12:28 AM 12/16/2016

The screenshot shows a web application interface for creating a new test document. The main title is "New Test Document". Below it, there is a "Document name or title" input field with the placeholder "Enter title of document". A "Date" input field is also present. On the left, there is a sidebar titled "RDC - DMS" with a "TEST PROJ" button. The main content area has a table with columns "Name", "Filter", and "Actions". The table contains three rows, each with a right-pointing arrow icon. The first row has a dropdown menu with options "Choose type of document", "Test Project Folder", and "Test Project". The second row has a dropdown menu with options "please choose test project-", "Test Project Folder", and "Test Project". The third row has a dropdown menu with options "Choose which test project this document is in", "Test Project Folder", and "Test Project". There is also an "Upload file" section with a "Choose File" button and a message "No file chosen". A green "CREATE" button is located at the bottom right of the form. The top of the screen shows a browser header with various tabs and icons.



Showing 1-3 of 3 items.

## Test Projects

Name	Type	Actions
> Filter	Filter	
> Test Project 1	Acceptance	

Showing 1-15 of 15 items.

### Document

ID	Date	Name	Document Type	Actions
1	2012-12-12	Directive	Directive	

No results found.

No results found.

12:27 AM 12/16/2016

Screenshot of a web browser showing the RDC - DMS application interface.

The browser tabs are:

- (3) Twitter
- (2) Facebook
- (2) Money Shot - Messa...
- (2) Course: Applied Projects
- Test Projects
- Course: Applied Projects
- Test Projects
- RDC - DMS
- Logout (USERONE)

The main content area shows the "Test Projects" page with the following sections:

- TEST PROJECT**
- DOCUMENT**
- REQUEST / APPROVAL**
- ADD SIGNATURE**
- ALL**

A table lists projects:

Name	Type	Actions
Test Project 1	Acceptance	

A message indicates: Showing 1-3 of 3 items.

The "Document" section shows a table of documents:

ID	Date	Name	Document Type	Actions
1	2012-12-12	Directive	Directive	
3	2012-12-12	Test Document 3	Item Specification	
4	2012-12-12	New document	Task Organization	
5	2012-12-12	New document	Task Organization	

A message indicates: Showing 1-15 of 15 items.

The bottom navigation bar includes icons for Home, Logout, and other system functions.

Screenshot of a web browser showing a Yii Framework application titled "RDC - DMS". The URL in the address bar is "localhost/advanced/frontend/web/index.php?r=test-project". The page displays a list of "Test Projects" with three items:

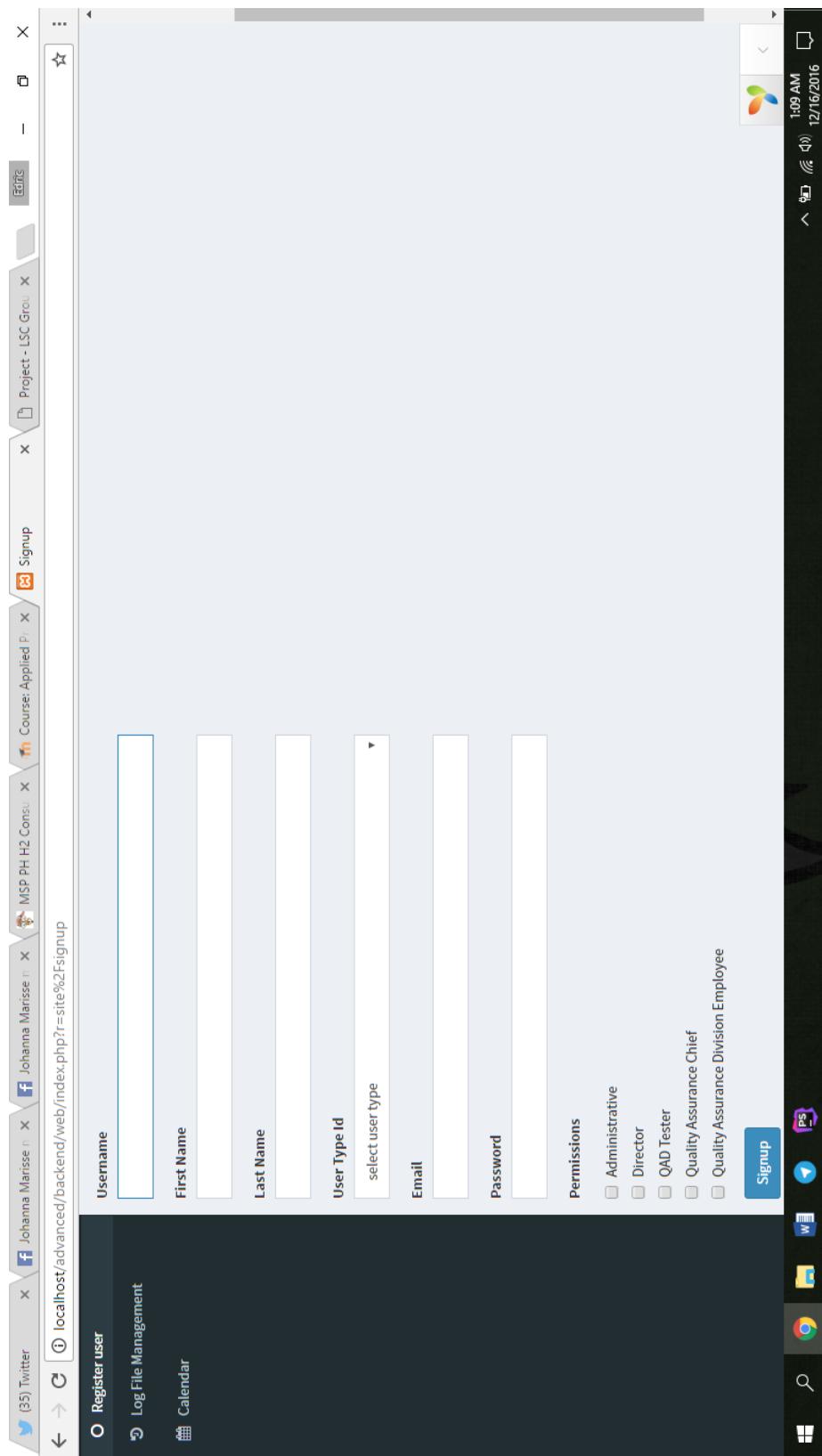
Name	Type	Actions
Test Project 1	Acceptance	
Test Project 2	Acceptance	
Test Project 3	Acceptance	

The browser's status bar shows "Powered by Yii Framework" and the date "12/16/2016 12:27 AM".

The screenshot shows a web browser window with the following details:

- Address Bar:** localhost/advanced/frontend/web/index.php?f=site%2Flogin
- Tab Bar:** (3) Twitter, (2) Facebook, (2) Money Shot - Message, (2) My Yii Application, Course: Applied Projects, My Yii Application.
- Header:** RDC - DMS (blue bar), Home, LOGOUT (USERONE).
- Content Area:**
  - Section Header:** RDC, ASCOM, PA
  - Text:** Document Management System
  - Buttons:** CURRENT TEST PROJECTS, CALENDAR
- Right Side:** Project Developers list:
  - Buan, Michael John
  - Caranto, Edric Jon Cleon
  - Carlos, Christian Aleck
- Bottom Right:** Browser controls (refresh, search, etc.) and system status (12:27 AM, 12/16/2016).

The screenshot shows a web browser window with multiple tabs open. The active tab displays the homepage of the RDC-DMS system. The header of the page reads "RDC - DMS" and "Document Management System". A prominent green "LOGIN" button is centered on the page. To the right of the login form, there is a section titled "Project Developers:" which lists four names: Buan, Michael John; Garanto, Edric Jon Cleon; and Carlos, Christian Aleck. At the bottom of the page, a footer notes that it is a project developed by students of Asia Pacific College for the Research Development Center, ASCOM, PA, in 2016. The browser's address bar shows the URL "localhost/advanced/frontend/web/index.php?f=site%2Findex". Other tabs visible in the browser include "My Yii Application", "Course: Applied Projects", "Money Shot - Message", "Facebook", and "Twitter". The status bar at the bottom of the browser indicates the date and time as "12/16/2016 12:27 AM".



## Project Status Reports

## Week 1



### Project Status Report

**Project Name:** RDC-DMS  
**Department:** School of Computing and Information Technologies  
**Focus Area:** Database Management System  
**Product/Process:**

**Prepared By:**

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

**Project Status Report Version Control**

Version	Date	Author	Change Description
1.0	09/23/16	Michael Buan Christian Carlos Edric Caranto	• Bluemix Web Application Hosting

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ProgressReportWK1  
Last printed on 9/26/2016 2:12:00 PM

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Project Status Report

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4	APPENDICES .....	8
4.1	Document Guidelines.....	8
4.2	Project Status Report Sections Omitted.....	8

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Project Status Report

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## 1 PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## 2 PROJECT STATUS REPORT TEMPLATE

### 2.1 Project Status Report Details

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
  - Event Table
  - The first collection of data from the client were successful.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

Project Name			
Prepared By: Michael John Buan	Date: 09/26/16	Reporting Period: 09/26/16 – 09/30/16	
Project Overall Status: Instructions were given to create and host a sample web application and			
Project Summary: The Professor instructed to install needed files for web application with the use of command line terminal. Eventually, the developers were able to create sample web application servers.			
<b>Milestone Deliverables performance reporting over last period</b>			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1	09/23/16	60%	On Schedule
• Bluemix			
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 2			
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 3			
<b>Project impact of milestone success or failure for project remainder</b>			
Bluemix	Project schedule pace may be faster because of corrections		
<b>Project Budget/Financial Status</b>			
Budget Item	Planned Budget	Actual Cost	Variance/Explanation
N/A	N/A	N/A	N/A

Project Status Report

<b>Project Risk Management Status</b>				
<b>Risk and Description</b>	<b>Risk Chance</b>	<b>Risk Impact</b>	<b>Risk Priority</b>	<b>Change from Last Review</b>

<b>Project Issue Management Status</b>				
<b>Issue and Description</b>	<b>Project Impact</b>	<b>Target Due Date</b>	<b>Issue Status</b>	<b>Issue Resolution</b>
○				

<b>Project Recommendations</b>				
<p>The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.</p>				

<b>Objectives for Next Project Status Review</b>				
<ul style="list-style-type: none"> <li>• The web application needs to be finished</li> </ul>				

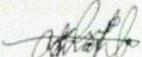
<b>Related Project Information</b>				
<ul style="list-style-type: none"> <li>• Here are related project information for this project           <ul style="list-style-type: none"> <li>○ Request for panel form</li> <li>○ Screenshots for the proposed system</li> <li>○ Site</li> <li>○ Project Charter</li> </ul> </li> </ul> <p><a href="http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System">http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System</a></p>				

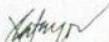
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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

  
**Prepared by** Edric Jon Cleon B. Caranto  
Project Manager

  
**Approved by** Mr. Jacob Catayoc  
Project Advisor

---

Client Sponsor

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Project Status Report

## 4 APPENDICES

### 4.1 Document Guidelines

### 4.2 Project Status Report Sections Omitted

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## Week 2



## Project Status Report

**Project Name:** RDC-DMS  
**Department:** School of Computing and Information Technologies  
**Focus Area:** Database Management System  
**Product/Process:**

**Prepared By:**

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

**Project Status Report Version Control**

Version	Date	Author	Change Description
2.0	10/03/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>• Bluemix Web Application Hosting continuation</li><li>• Backend module continuation</li></ul>

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Project Status Report

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4	APPENDICES.....	7
4.1	Document Guidelines .....	7
4.2	Project Status Report Sections Omitted.....	7

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Project Status Report

## 1 PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## 2 PROJECT STATUS REPORT TEMPLATE

### 2.1 Project Status Report Details

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
  - Event Table
  - The first collection of data from the client were successful.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

Project Name			
Prepared By: Michael John Buan	Date: 10/03/16	Reporting Period: 10/03/16 – 10/07/16	
Project Overall Status: Backend module improvements			
Project Summary: The Professor instructed us to restage and fix errors on Bluemix.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1 • Bluemix	10/04/16	90%	On Schedule
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 2			
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 3			
Project impact of milestone success or failure for project remainder			
Bluemix	Project schedule pace may be faster because of corrections		
Project Budget/Financial Status			
Budget Item	Planned Budget	Actual Cost	Variance/Explanation
N/A	N/A	N/A	N/A
Project Risk Management Status			

Project Status Report

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
<ul style="list-style-type: none"> <li>• Technical Feasibility</li> </ul>	High	High	High	Connections for the proposed system must be ensured.
<ul style="list-style-type: none"> <li>• Security</li> </ul>	High	High	High	Encryption should be enabled for all documents

Project Issue Management Status				
Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution

Project Recommendations				
<p>The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.</p>				

Objectives for Next Project Status Review				
<ul style="list-style-type: none"> <li>• The web application needs to be finished</li> </ul>				

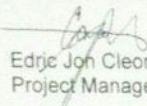
Related Project Information				
<ul style="list-style-type: none"> <li>• Here are related project information for this project           <ul style="list-style-type: none"> <li>◦ Request for panel form</li> <li>◦ Screenshots for the proposed system</li> <li>◦ Site</li> <li>◦ Project Charter</li> </ul> </li> </ul> <p style="margin-left: 20px;"><a href="http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System">http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System</a></p>				

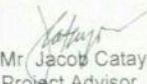
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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

Prepared by   
Edric Jon Cleon B. Caranto  
Project Manager

Approved by   
Mr. Jacob Catayoc  
Project Advisor

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Client Sponsor

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Project Status Report

## 4 APPENDICES

### 4.1 Document Guidelines

### 4.2 Project Status Report Sections Omitted

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## Week 3



### Project Status Report

Project Name: RDC-DMS  
Department: School of Computing and Information Technologies  
Focus Area: Database Management System  
Product/Process:

#### Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

#### Project Status Report Version Control

Version	Date	Author	Change Description
2.0	10/03/16	Michael Buan Christian Carlos Edric Caranto	• Project Vision and Scope

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Project Status Report

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4.2	Project Status Report Sections Omitted .....	7

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## Project Status Report

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### **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

### **2 PROJECT STATUS REPORT TEMPLATE**

#### **2.1 Project Status Report Details**

- Project vision and scope document progress
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

Project Name			
Prepared By: Christian Carlos	Date: 10/09/16	Reporting Period: <b>10/10/16 – 10/14/16</b>	
Project Overall Status:			
Project Vision and Scope			
Project Summary: The Professor instructed to add all the project vision and scope, which includes the business requirements, vision of the solution, scope and limitation and business context of the project.			
<b>Milestone Deliverables performance reporting over last period</b>			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
<b>Milestone Deliverables scheduled for completion over next period</b>			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 2			
• Project Vision and Scope	10/14/16	30%	On Schedule
<b>Milestone Deliverables scheduled for completion over next period</b>			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 3			
<b>Project Impact of milestones success or failure for project remainder</b>			
Project Vision and Scope	Project schedule pace may be faster because of corrections		
<b>Project Budget/Financial Status</b>			
Budget Item	Planned Budget	Actual Cost	Variance/Explanation
N/A	N/A	N/A	N/A

## Project Status Report

## Project Risk Management Status

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
• Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
• Security	High	High	High	Encryption should be enabled for all documents

## Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
•				

## Project Recommendations

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

## Objectives for Next Project Status Review

- Project Vision and Scope must be finished

## Related Project Information

- Below are related project information for this project

- Request for panel form
- Screenshots for the proposed system
- Site
- Project Charter

[http://projects2.apc.edu.ph/wiki/index.php/Project\\_Graphical\\_Restaurant\\_Reservation\\_System](http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System)

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Project Status Report

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### 3 PROJECT STATUS REPORT APPROVALS

Prepared by   
Edric Jon Celoy B. Caranto  
Project Manager

Approved by   
Mr. Jacob Catayoc  
Project Advisor

Client Sponsor

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Project Status Report

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## 4 APPENDICES

### 4.1 Document Guidelines

### 4.2 Project Status Report Sections Omitted

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**Week 4**



## Project Status Report

**Project Name:** RDC-DMS  
**Department:** School of Computing and Information Technologies  
**Focus Area:** Database Management System  
**Product/Process:**

**Prepared By:**

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

**Project Status Report Version Control**

Version	Date	Author	Change Description
4.0	10/03/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>Project Vision and Scope</li></ul>

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Project Status Report

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Project Status Report

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## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected
  - Project vision and scope document created
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

Project Name			
Prepared by: Christian Carlos	Date: 10/14/16	Reporting Period: <b>10/14/16 – 10/17/16</b>	
Project Overall Status:			
Project Vision and Scope Statement of Work			
Project Summary: The Professor instructed to add all the project vision and scope, which includes the business requirements, vision of the solution, scope and limitation and business context of the project.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
• Project Vision and Scope	10/17/16	80%	On Schedule
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 2			
• Statement of Work	10/17/16	40%	On Schedule
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 3			
Project Impact of milestones success or failure for project remainder			
Project Vision and Scope	Project schedule pace may be faster because of corrections		
Project Budget/Financial Status			
Budget Item	Planned Budget	Actual Cost	Variance/Explanation
N/A	N/A	N/A	N/A

## Project Status Report

## Project Risk Management Status

Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
• Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
• Security	High	High	High	Encryption should be enabled for all documents

## Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
•				

## Project Recommendations

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

## Objectives for Next Project Status Review

- Project Vision and Scope must be finished

## Related Project Information

- Here are related project information for this project
  - Screenshots for the proposed system
  - Site
  - Project Charter

[http://projects2.apc.edu.ph/wiki/index.php/Project\\_-\\_Graphical\\_Restaurant\\_Reservation\\_System](http://projects2.apc.edu.ph/wiki/index.php/Project_-_Graphical_Restaurant_Reservation_System)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

Prepared by    Edric Jon Cleon B. Caranto  
                    Project Manager

Digitally signed by Jacob  
A. Catayoc  
Date: 2016.10.15  
23:42:20 +0800

Approved by    Mr. Jacob Catayoc  
                    Project Advisor

---

Client Sponsor

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Project Status Report

## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## Week 5



### Project Status Report

**Project Name:** RDC-DMS  
**Department:** School of Computing and Information Technologies  
**Focus Area:** Document Management System  
**Product/Process:**

**Prepared By:**

Document Owner(s)	Project/Organization Role
Edric Jon Cion B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

**Project Status Report Version Control**

Version	Date	Author	Change Description
5.0	10/22/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"> <li>• Project Vision and Scope</li> <li>• WBS</li> <li>• Activity List</li> </ul>

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Last printed on 10/22/2016 11:50:00 PM

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Project Status Report

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---

Project Status Report

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## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected:
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

**2.2 Project Status Report Template**

Project Name					
Prepared By:	Date:	Reporting Period:			
Michael Buan	10/22/16	<b>10/17/16 – 10/21/16</b>			
Project Overall Status:					
Project Vision and Scope update and WBS and Activity list update					
Project Summary:					
The project team updated project Vision and Scope and created WBS and Activity list					
<b>Milestone Deliverables performance reporting over last period</b>					
Milestone Deliverables	Due Date	% Completed	Deliverable Status		
Milestone 1					
• Project Vision and Scope	10/18/16	95%	On Schedule		
<b>Milestone Deliverables scheduled for completion over next period</b>					
Milestone Deliverables	Due Date	% Completed	Deliverable Status		
Milestone 2					
• WBS	10/21/16	20%	On Schedule		
• Activity list	10/21/16	20%	On Schedule		
<b>Milestone Deliverables scheduled for completion over next period</b>					
Milestone Deliverables	Due Date	% Completed	Deliverable Status		
Milestone 3					
<b>Project Impact of milestone success or failure for project remainder</b>					
Project Vision and Scope WBS and Activity list	Project schedule pace may be faster because of corrections				
<b>Project Budget/Financial Status</b>					
Budget Item	Planned Budget	Actual Cost	Variance/Explanation		
N/A	N/A	N/A	N/A		

## Project Status Report

Project Risk Management Status				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review
Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

Project Issue Management Status				
Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
-				

Project Recommendations				
The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.				

Objectives for Next Project Status Review				
<ul style="list-style-type: none"> <li>• Project Vision and Scope must be finalized</li> <li>• WBS and Activity list must be finalized</li> </ul>				

Related Project Information				
<ul style="list-style-type: none"> <li>• Here are related project information for this project           <ul style="list-style-type: none"> <li>◦ Request for panel form</li> <li>◦ Screenshots for the proposed system</li> <li>◦ Site</li> <li>◦ Project Charter</li> </ul> </li> </ul>				

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

Prepared by   
Edric Jon Cleon B. Caranto  
Project Manager

Digitally signed by Jacob A.  
Catayoc  
Date 2016.10.24 00:13:41  
+0800

Approved by Mr. Jacob Catayoc  
Project Advisor

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Client Sponsor

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Project Status Report

## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## Week 6

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### Project Status Report

Project Name: RDC-DMS  
Department: School of Computing and Information Technologies  
Focus Area: Document Management System  
Product/Process:

Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

Project Status Report Version Control

Version	Date	Author	Change Description
5.0	10/29/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>WBS</li><li>Activity List</li></ul>

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Project Status Report

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Project Status Report

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## 1 PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## 2 PROJECT STATUS REPORT TEMPLATE

### 2.1 Project Status Report Details

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

Project Name				
Prepared By: Christian Carlos	Date: 10/30/16	Reporting Period: 10/24/16 – 10/28/16		
Project Overall Status: WBS and Activity list update				
Project Summary: The project team finished WBS and Activity list				
<b>Milestone Deliverables performance reporting over last period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• WBS	10/23/16	100%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• Activity list	10/23/16	100%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
<b>Project Impact of milestone success or failure for project remainder</b>				
WBS and Activity list	Project schedule pace may be faster because of corrections			
<b>Project Budget/Financial Status</b>				
Budget Item	Planned Budget	Actual Cost	Variance/Explanation	
N/A	N/A	N/A	N/A	
<b>Project Risk Management Status</b>				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

---

Project Status Report

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Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

**Project Issue Management Status**

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
o				

**Project Recommendations**

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

**Objectives for Next Project Status Review**

- WBS and Activity list finalized

**Related Project Information**

- Below are related project information for this project
  - o Wiki page
    - [http://projects2.apc.edu.ph/wiki/index.php/Project\\_-\\_RDC\\_AFP\\_Library\\_System\\_-\\_103](http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_AFP_Library_System_-_103)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

**Prepared by**   
Edric Jon Glenn B. Caranto  
Project Manager

**Approved by** Mr. Jacob Catayoc  
Project Advisor

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Client Sponsor

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Project Status Report

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## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## Week 7



### Project Status Report

**Project Name:** RDC-DMS  
**Department:** School of Computing and Information Technologies  
**Focus Area:** Document Management System  
**Product/Process:**

#### Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

#### Project Status Report Version Control

Version	Date	Author	Change Description
7.0	11/11/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"> <li>• SRS</li> <li>• System development</li> </ul>

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Project Status Report

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Project Status Report

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## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

<b>Project Name</b>				
Prepared By: Christian Carlos	Date: 10/30/16	Reporting Period: 10/24/16 – 10/28/16		
Project Overall Status: WBS and Activity list update				
Project Summary: The project team finished WBS and Activity list				
<b>Milestone Deliverables performance reporting over last period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• SRS	11/14/16	80%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
<b>Project Impact of milestone success or failure for project remainder</b>				
System Requirements specification	Project schedule pace may be faster because of corrections			
<b>Project Budget/Financial Status</b>				
Budget Item	Planned Budget	Actual Cost	Variance/Explanation	
N/A	N/A	N/A	N/A	
<b>Project Risk Management Status</b>				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

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Project Status Report

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Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

**Project Issue Management Status**

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
-				

**Project Recommendations**

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

**Objectives for Next Project Status Review**

- WBS and Activity list finalized

**Related Project Information**

- Below are related project information for this project
  - Wiki page
    - [http://projects2.apc.edu.ph/wiki/index.php/Project\\_-\\_RDC\\_AFP\\_Library\\_System\\_-\\_103](http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_AFP_Library_System_-_103)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

Prepared by   
Edric Jon Cleon B. Caranto  
Project Manager

Approved by   
Mr. Jacob Catayoc  
Project Advisor

Digitally signed by Jacob A.  
Catayoc  
Date: 2016.11.13 06:39:12 +0800

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Client Sponsor

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Project Status Report

## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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**Week 8**



## Project Status Report

Project Name: RDC-DMS  
Department: School of Computing and Information Technologies  
Focus Area: Document Management System  
Product/Process:

Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

Project Status Report Version Control

Version	Date	Author	Change Description
8.0	11/17/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>• CMP</li><li>• ERD</li><li>• System Update</li></ul>

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Project Status Report

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Project Status Report

## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

---

 Project Status Report
 

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**2.2 Project Status Report Template**

<b>Project Name</b>				
Prepared By: Christian Carlos	Date: 11/17/16	Reporting Period: 11/14/16 – 11/17/16		
<b>Project Overall Status:</b> Finished ERD,CMP and System Update				
<b>Project Summary:</b> The project team finished ERC and CMP				
<b>Milestone Deliverables performance reporting over last period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• CMP	11/14/16	100%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• ERD	11/14/16	100%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
<b>Project Impact of milestone success or failure for project remainder</b>				
System Requirements specification	Project schedule pace may be faster because of corrections			
<b>Project Budget/Financial Status</b>				
Budget Item	Planned Budget	Actual Cost	Variance/Explanation	
N/A	N/A	N/A	N/A	
<b>Project Risk Management Status</b>				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

## Project Status Report

Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

## Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
o				

## Project Recommendations

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

## Objectives for Next Project Status Review

- CMP and ERD finalized

## Related Project Information

- Below are related project information for this project
  - o Wiki page
    - [http://projects2.apc.edu.ph/wiki/index.php/Project\\_-\\_RDC\\_APP\\_Library\\_System\\_-\\_103](http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_APP_Library_System_-_103)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

**Prepared by**   
Edric Jon Cleon B. Caranto  
Project Manager

Digitally signed by Jacob A.  
Catayoc  
Date: 2016.11.21 02:51:59 +08'00'

**Approved by**   
Mr. Jacob Catayoc  
Project Advisor

Client Sponsor

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Project Status Report

## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## Week 9



## Project Status Report

Project Name: RDC-DMS  
Department: School of Computing and Information Technologies  
Focus Area: Document Management System  
Product/Process:

Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

Project Status Report Version Control

Version	Date	Author	Change Description
8.0	11/26/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>CMP finalize</li><li>Quality Plan (draft)</li><li>System Update</li></ul>

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Project Status Report

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Project Status Report

## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

---

## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

**2.2 Project Status Report Template**

Project Name				
Prepared By: Christian Carlos	Date: 11/25/16	Reporting Period: 11/21/16 – 11/25/16		
Project Overall Status: Finished ERD, CMP and System Update				
Project Summary: The project team finished Quality Plan and Change Management Plan				
Milestone Deliverables performance reporting over last period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• CMP	11/14/16	100%	On Schedule	
Milestone Deliverables scheduled for completion over next period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• Quality Plan	11/15/16	80%	On Schedule	
Milestone Deliverables scheduled for completion over next period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
Project Impact of milestone success or failure for project remainder				
Quality plan	Project schedule pace may be faster because of corrections			
Project Budget/Financial Status				
Budget Item	Planned Budget	Actual Cost	Variance/Explanation	
N/A	N/A	N/A	N/A	
Project Risk Management Status				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

## Project Status Report

Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

## Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
o				

## Project Recommendations

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

## Objectives for Next Project Status Review

- CMP and ERD finalized

## Related Project Information

- Below are related project information for this project
  - o Wiki page
    - [http://projects2.apc.edu.ph/wiki/index.php/Project\\_RDC\\_APP\\_Library\\_System\\_103](http://projects2.apc.edu.ph/wiki/index.php/Project_RDC_APP_Library_System_103)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

Prepared by   
Edric Jon Cleon B. Caranto  
Project Manager

Approved by   
Mr. Jacob Catayoc  
Project Advisor

Digitally signed by Jacob A. Catayoc  
Date: 2016.11.27 12:16:35 +0800

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Client Sponsor

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Project Status Report

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## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## Week 10



## Project Status Report

Project Name: RDC-DMS  
Department: School of Computing and Information Technologies  
Focus Area: Document Management System  
Product/Process:

Prepared By:

Document Owner(s)	Project/Organization Role
Edric Jon Cleon B. Caranto	Project Manager
Michael John S. Buan	Project Developer
Christian Aleck S. Carlos	Project Developer

Project Status Report Version Control

Version	Date	Author	Change Description
8.0	11/26/16	Michael Buan Christian Carlos Edric Caranto	<ul style="list-style-type: none"><li>• Proofread documents</li><li>• Finalize all documents</li><li>• System Update</li></ul>

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Confidential

wk10

Last printed on 12/2/2016 9:30:00 PM

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Project Status Report

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Project Status Report

## **1 PROJECT STATUS REPORT PURPOSE**

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.

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## **2 PROJECT STATUS REPORT TEMPLATE**

### **2.1 Project Status Report Details**

- Stakeholder processes collected
  - The database system will be for archiving and processing of papers through the office of the Research Development Centre of the Philippine Army.
- No budget expenditure so far.
- There will be a network and security risks since other documents are classified.
- Some users are not computer literate which is a challenge for the developers to create an interface that should be easily understood by all users.
- Regular consultation from professors and clients.

## Project Status Report

## 2.2 Project Status Report Template

<b>Project Name</b>				
Prepared By: Christian Carlos	Date: 12/2/16	Reporting Period: 11/28/16 – 12/2/16		
Project Overall Status: Finalize Documents, Proofread Documents and System Update				
Project Summary: The project team finalized all the documents and submit it for Proofreading.				
<b>Milestone Deliverables performance reporting over last period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• Finalize Documents	12/14/16	100%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• Proofread Documents	12/14/16	80%	On Schedule	
<b>Milestone Deliverables scheduled for completion over next period</b>				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
• System Update	12/14/16	90%	On Schedule	
<b>Project Impact of milestone success or failure for project remainder</b>				
Quality plan	Project schedule pace may be faster because of corrections			
<b>Project Budget/Financial Status</b>				
Budget Item	Planned Budget	Actual Cost	Variance/Explanation	
N/A	N/A	N/A	N/A	
<b>Project Risk Management Status</b>				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

## Project Status Report

Technical Feasibility	High	High	High	Connections for the proposed system must be ensured.
Security	High	High	High	Encryption should be enabled for all documents

## Project Issue Management Status

Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution
o				

## Project Recommendations

The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.

## Objectives for Next Project Status Review

- CMP and ERD finalized

## Related Project Information

- Below are related project information for this project
  - o Wiki page
    - [http://projects2.apc.edu.ph/wiki/index.php/Project\\_-\\_RDC\\_AFP\\_Library\\_System\\_-\\_103](http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_AFP_Library_System_-_103)

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Project Status Report

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**3 PROJECT STATUS REPORT APPROVALS**

**Prepared by**



Eric Jon Cleon B. Caranto  
Project Manager

Digitally signed by Jacob A.  
Catayoc  
Date: 2016.12.04 11:32:34  
+0800

**Approved by**

  
Mr. Jacob Catayoc  
Project Advisor

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Client Sponsor

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Project Status Report

## **4 APPENDICES**

### **4.1 Document Guidelines**

### **4.2 Project Status Report Sections Omitted**

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## **Curriculum-Vitae**



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<b>Technical Skills</b>	<ul style="list-style-type: none"> <li>• Knowledgeable in various Microsoft tools and Technologies Office Suite, Office365, Visual Studio, Power BI</li> <li>• Programming Languages Java SE, JavaEE, Visual Basic, PHP (also CSS &amp; HTML), Yii2 Framework, C/C++, CodeIgniter, Android Java</li> </ul>
<b>Certifications</b>	<b>Microsoft Technology Associate: Security Fundamentals</b> (March, 2016)
<b>Education</b>	<p><b>Tertiary</b> Asia Pacific College, Makati City 2014-Present Bachelor of Science in Information Technology specializing in Mobile and Internet Technology</p> <ul style="list-style-type: none"> <li>• Events Committee Officer, Junior Philippine Computer Society (A.Y. 2015-Present)</li> <li>• Events Committee Head, Microsoft Community (A.Y. 2015-Present)</li> <li>• Member, Campus Ministry (2016-Present)</li> </ul> <p><b>Secondary</b> Marist School, Marikina 2010-2014</p>
<b>Projects</b>	<p><b>Safety Activities for You (SAF-U) – Mobile Programming</b></p> <ul style="list-style-type: none"> <li>• An arcade game for the users to be familiarized on the safety procedures before, during, and after a natural disaster.</li> <li>• Developed with Java and Android Studio</li> </ul> <p><b>VAMP Stop</b></p> <ul style="list-style-type: none"> <li>• Web application of an online shopping website where users can buy and sell products.</li> <li>• Developed with CodeIgniter Framework (PHP, HTML, CSS)</li> </ul>
<b>Research Project</b>	The Common Motivators to Prevent Tardiness among College Students in Asia Pacific College, A.Y. 2015-2016 Caranto, E.B., Lee, K.V., & Reyes, H.E.

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**Michael John Buan**  
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<b>Technical Skills</b>	<ul style="list-style-type: none"> <li>• Knowledgeable in various Microsoft tools and Technologies Office365, Visual Studio, Power BI</li> <li>• Programming Languages Java SE, JavaEE, Visual Basic, PHP (also CSS &amp; HTML), Yii2 Framework, Android Java</li> </ul>
<b>Certifications</b>	<b>Microsoft Technology Associate: Security Fundamentals</b> (March, 2016)
<b>Education</b>	<p><b>Tertiary</b>            Asia Pacific College, Makati City            2014-Present            Bachelor of Science in Information Technology specializing in Mobile and Internet Technology</p> <p><b>Secondary</b>            Sta. Clara Parish School Pasay City            2010-2014</p> <p><b>Primary</b>            St. Mary's Academy Pasay City</p>
<b>Personal information</b>	Date of Birth: Nov 14, 1997 Nickname: Mike Citizenship: Filipino
<b>Activities</b>	<p><b>Organization</b></p> <ul style="list-style-type: none"> <li>• Member, Junior Information System Security Association (A.Y. 2016-Present)</li> </ul>



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<b>Technical Skills</b>	<ul style="list-style-type: none"> <li>• Knowledgeable in various Microsoft tools and Technologies Office365, Visual Studio, Power BI</li> <li>• Programming Languages Java SE, JavaEE, Visual Basic, PHP (also CSS &amp; HTML), Yii2 Framework, Android Java</li> </ul>
<b>Certifications</b>	<b>Microsoft Technology Associate: Security Fundamentals</b> (March, 2016)
<b>Education</b>	<p><b>Tertiary</b>  Asia Pacific College, Makati City  2014-Present  Bachelor of Science in Information Technology specializing in Mobile and Internet Technology</p> <p><b>Secondary</b>  Athens Academy Taguig City  2010-2014</p> <p><b>Primary</b>  Athens Academy Taguig City</p>
<b>Personal information</b>	Date of Birth: May 16, 1998 Nickname: Ian Citizenship: Filipino
<b>Activities</b>	<b>Organization</b> <ul style="list-style-type: none"> <li>• Member, Junior Information System Security Association (A.Y. 2016-Present)</li> </ul>