

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

Project Documentation Submitted
To the Faculty of School of
Computing and Information Technologies
of
Asia Pacific College

In Partial Fulfillment of the Requirements for the subject
Applied Projects 2

By:
Buan, Michael John S.
Caranto, Edric Jon Cleon B.
Carlos, Christian Aleck S.

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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
- Context flow diagram
- Data flow diagram
- UML diagrams
 - Class diagram
 - Communication diagram
 - Object diagram
 - Timing diagram
 - State-machine diagram
 - Sequence diagram
 - Component diagram
 - Composite structure diagram
 - Deployment diagram
 - Package diagram
 - Interaction overview diagram

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

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.

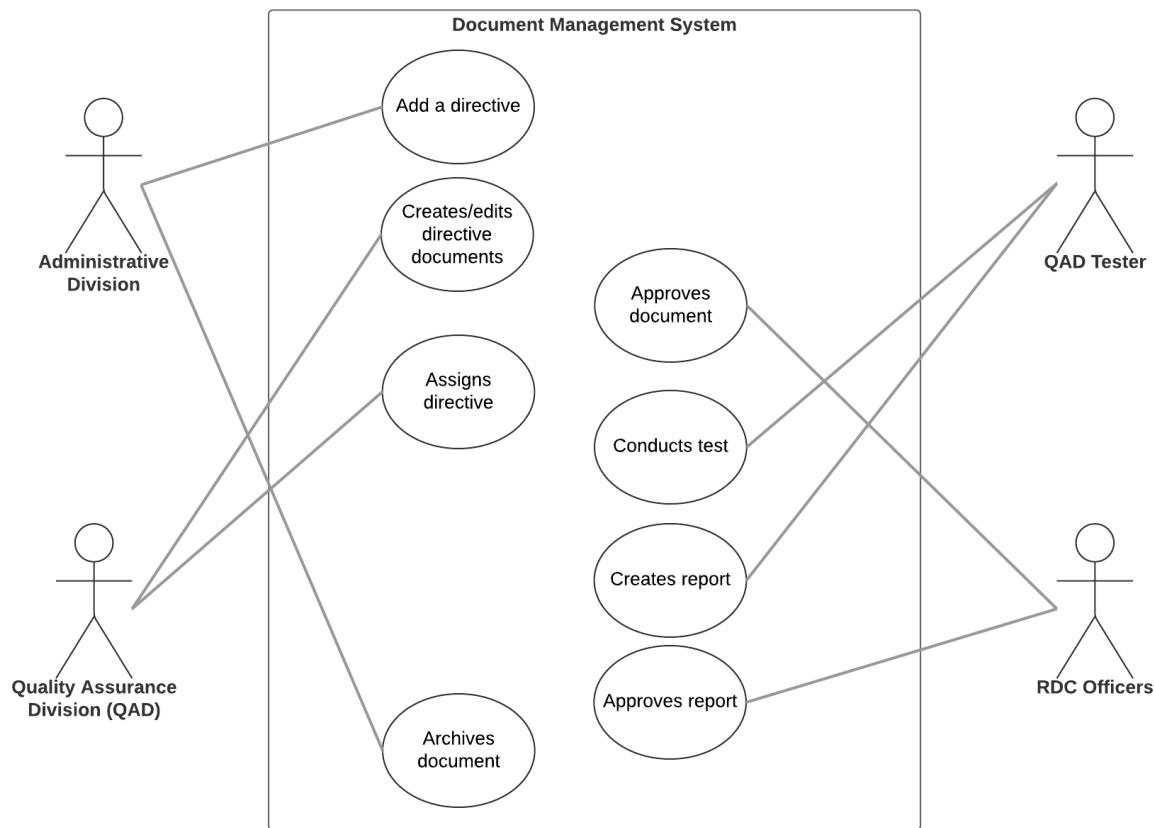
It is also recommended to consult cyber-security experts to enhance the security of the system if it will be used to manage sensitive or classified data.

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

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

Use Case name:	Creates/edits directive documents											
Scenario:	QAD employee creates documents relating to directive											
Triggering Event:	Creates/edits document pertaining to directive											
Brief Description:	QAD employee creates/edits Item specification, Task organization and implementation plan and test worksheet.											
Actors:	QAD employee											
Related Use Cases:	Adds a directive Approves document											
Stakeholders:	QAD employee: to create/edit and add documents											
Pre-condition	Directive must exist in the system QAD employee must login											
Post-condition	Directive documents are accessible											
Flow of Activities:	<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											
Exception Condition:												

Use Case name:	Approves document									
Scenario:	Officers approves directive documents									
Triggering Event:	Sends directive document to an officer									
Brief Description:	Approvers such as director added by the QAD will approve and will add signature to directive documents									
Actors:	Director									
Related Use Cases:	Creates/edits directive documents									
Stakeholders:	QAD chief: to submit the directive documents to Director Director: to approve and add signature to the documents									
Pre-condition	Directive documents must exist Director must log in to the system									
Post-condition	Director must be able to view the document									
Flow of Activities:	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</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>	Actor	System	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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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									
Exception Condition:										

Use Case name:	Assigns directive							
Scenario:	Directive will be assign to testers							
Triggering Event:	Assigns directive							
Brief Description:	Directive will be relay to the testers for them to conduct a test							
Actors:	QAD chief QAD tester							
Related Use Cases:	Conducts test							
Stakeholders:	QAD chief: to assign the directive to the testers QAD tester: to comply the directive							
Pre-condition	QAD tester must exist Directive must exist							
Post-condition	A directive document is assigned to an employee							
Flow of Activities:	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</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>	Actor	System	1. QAD chief assigns directive document	1.1 Display directive documents	2. QAD employees receives notification	2.1 Send notification to employee	
Actor	System							
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2. QAD employees receives notification	2.1 Send notification to employee							
Exception Condition:								

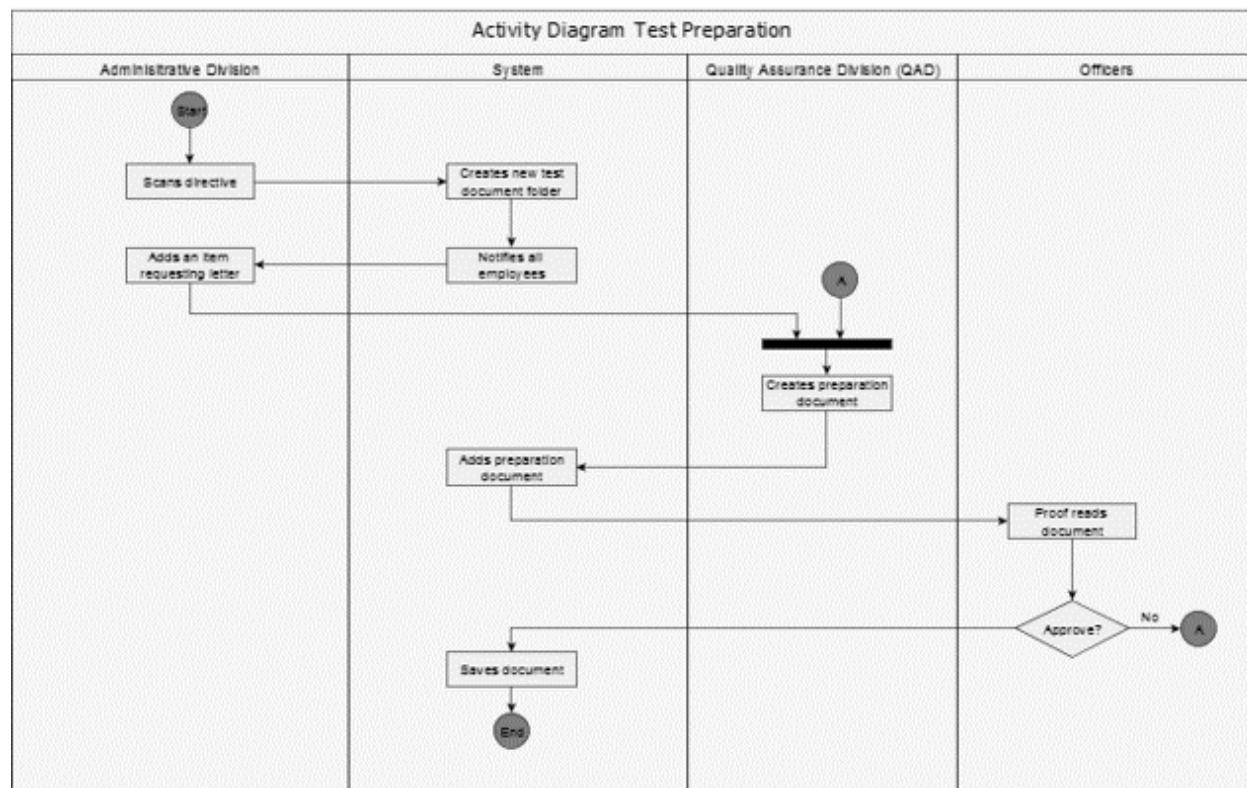
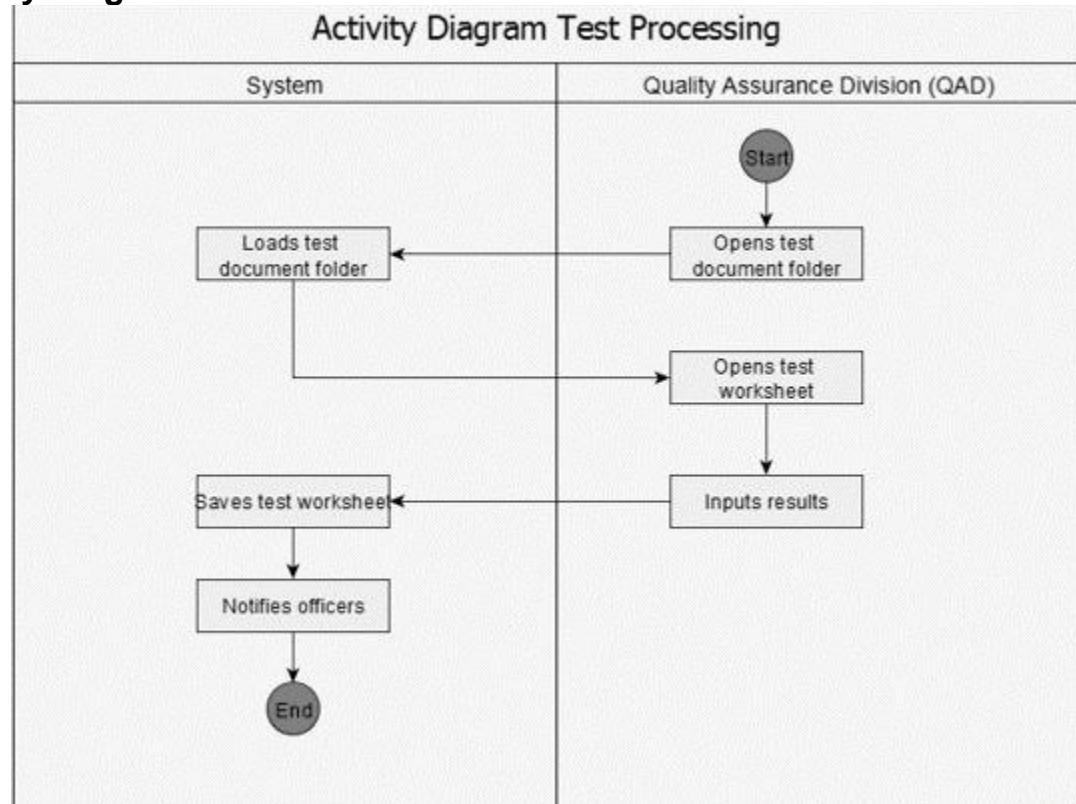
Use Case name:	Conducts test									
Scenario:	Tester conducts a test									
Triggering Event:	Item arrives for test									
Brief Description:	After QAD chief assigns directive, the tester begins to test and edit and fill out test worksheets									
Actors:	QAD tester									
Related Use Cases: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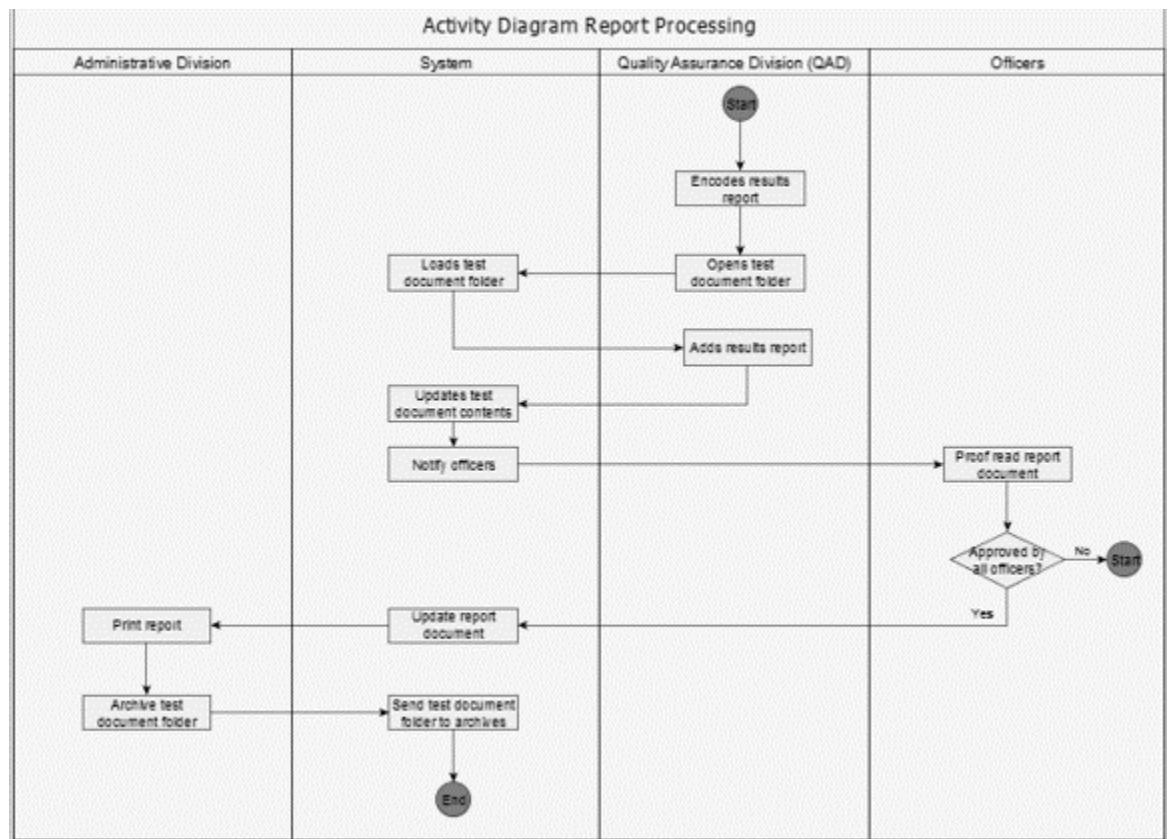
Use Case name:	Creates report									
Scenario:	QAD tester creates report/result document									
Triggering Event:	Creates report									
Brief Description:	QAD tester will gather all the findings and results from the test in a report/result document.									
Actors:	QAD tester									
Related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

Use Case name:	Approves report									
Scenario:	Officers will approve report document									
Triggering Event:	Approves report document									
Brief Description:	Approvers (Officers) added by the QAD tester will approve and will add signature to report documents									
Actors:	QAD chief Director Admin Division									
Related Use Cases:	Creates Report									
Stakeholders:	Officers: to approve and sign report/result document									
Pre-condition	Officers must log in to the system report/result document must exist									
Post-condition	Officers must be able to view the document									
Flow of Activities:	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</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>	Actor	System	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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Exception Condition:										

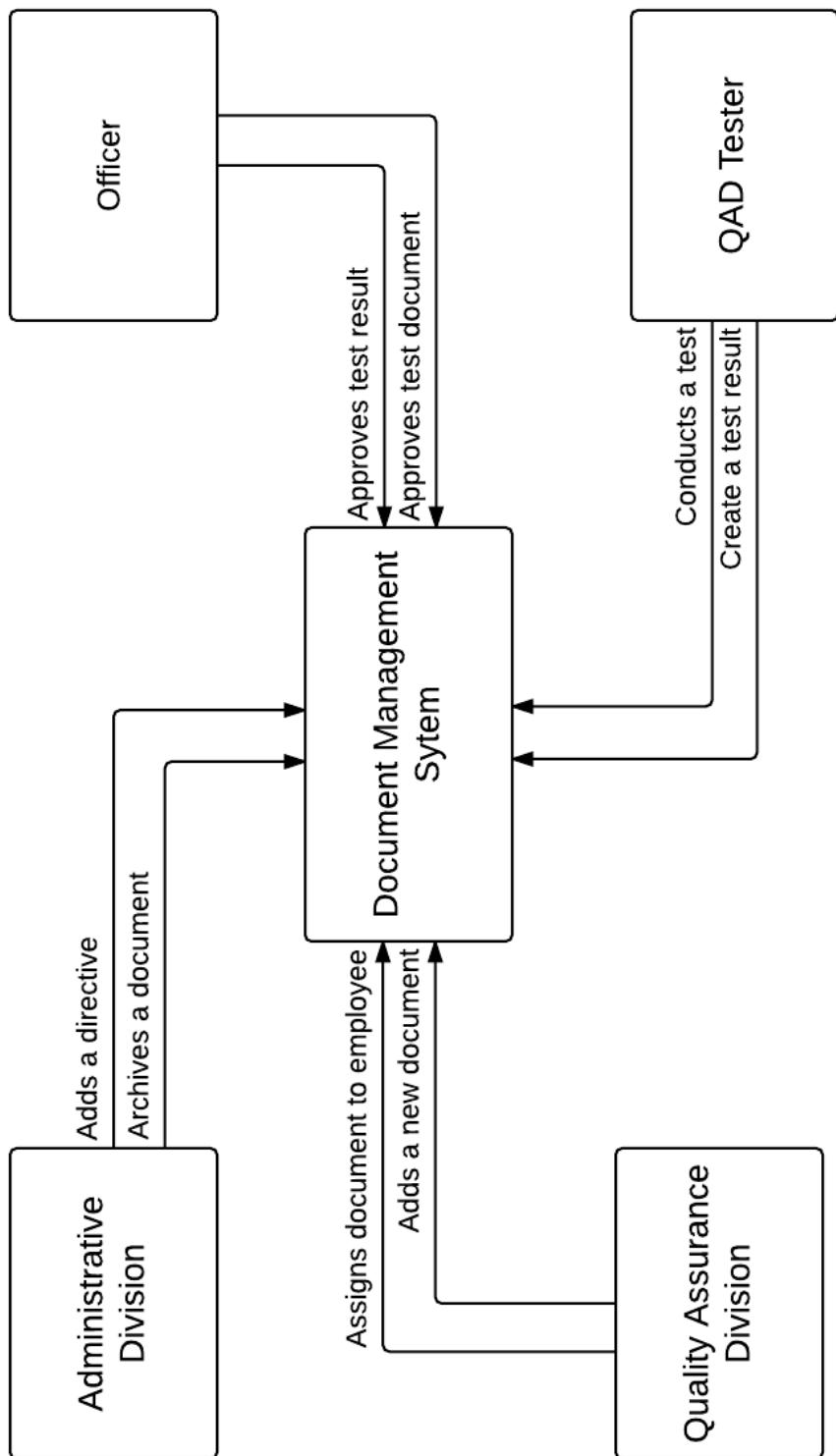
Use Case name:	Archives document													
Scenario:	Test Documents are ready to archive													
Triggering Event:	Archives test document													
Brief Description:	Admin will be notified after a test project was done and archive all the documents													
Actors:	Admin													
Related Use Cases:	None													
Stakeholders:	Admin: to archive the files													
Pre-condition	Admin must log in to the system Test project must be done with complete and approved documents													
Post-condition	Admin must be able to access and retrieved documents													
Flow of Activities:	<table border="1"> <thead> <tr> <th>Actor</th> <th>System</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>	Actor	System	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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Exception Condition:														

Activity Diagram

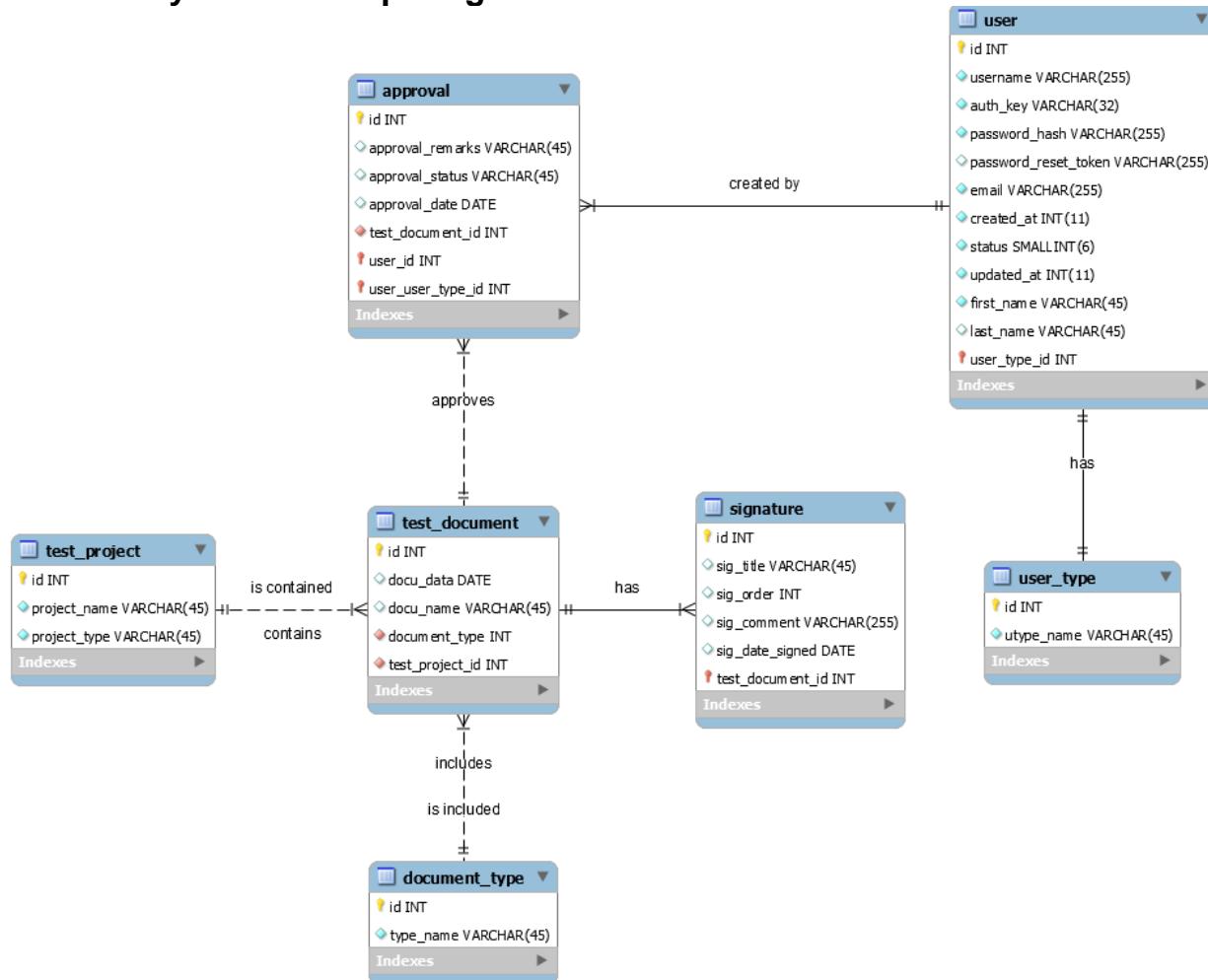




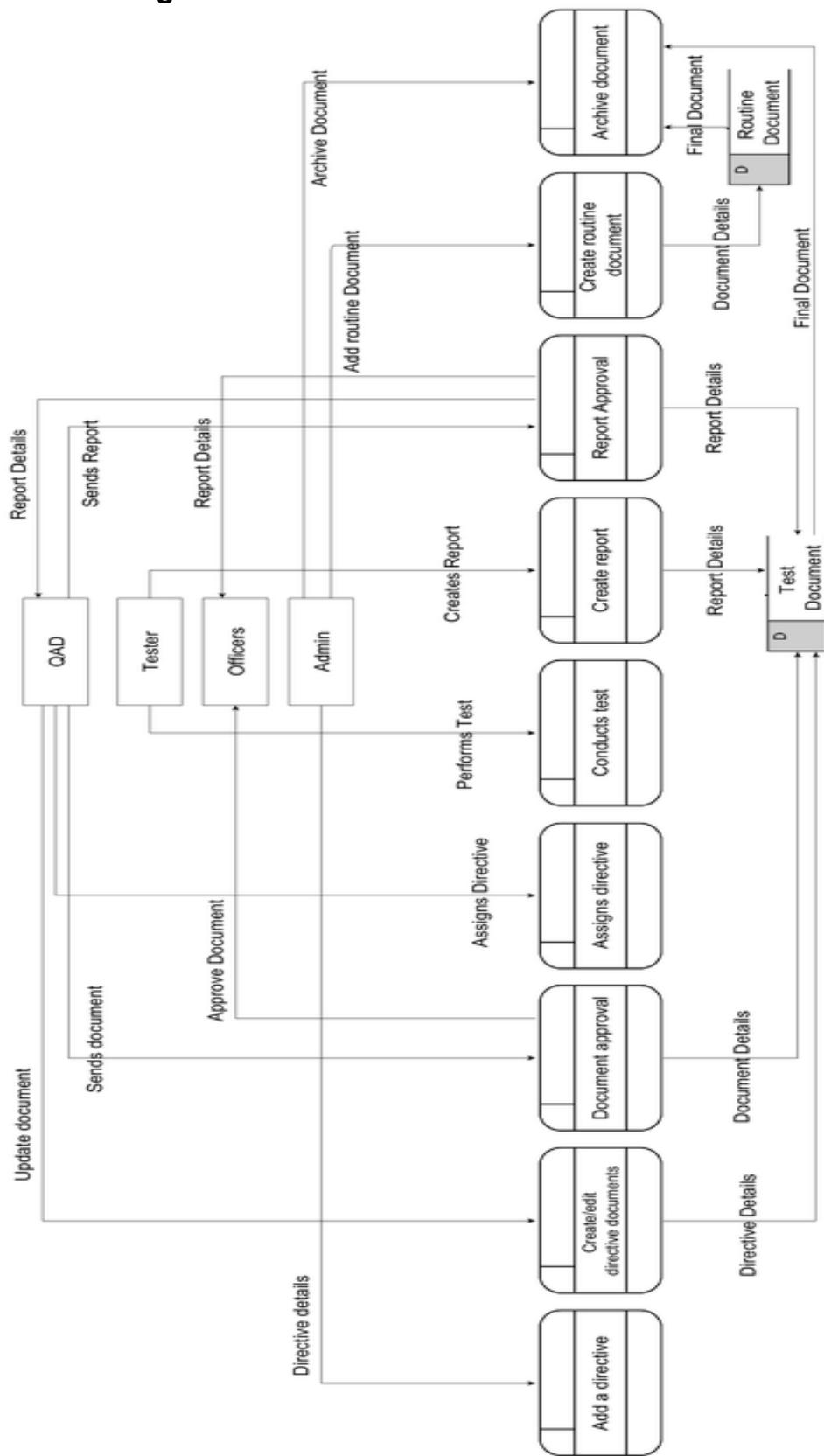
Context Flow Diagram



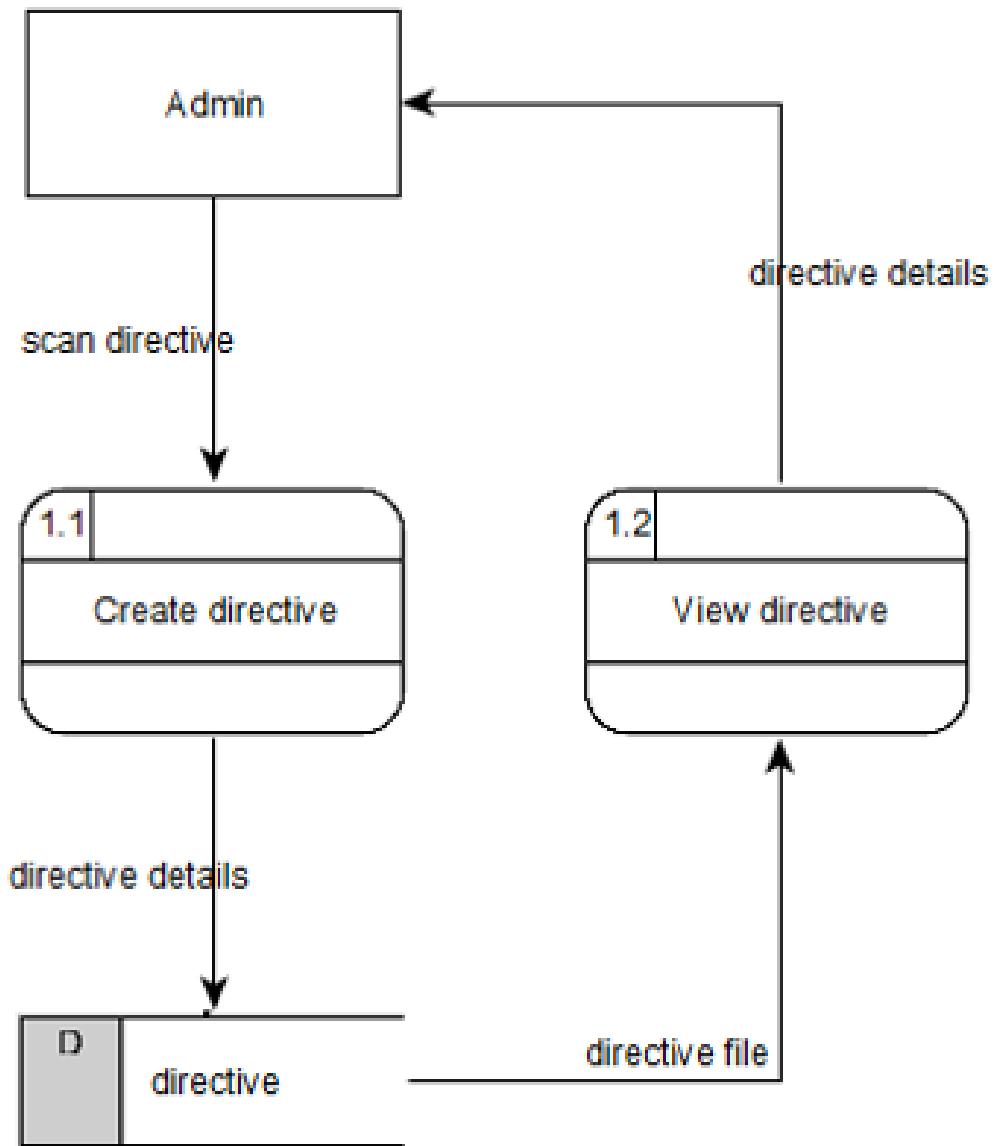
Entity Relationship Diagram

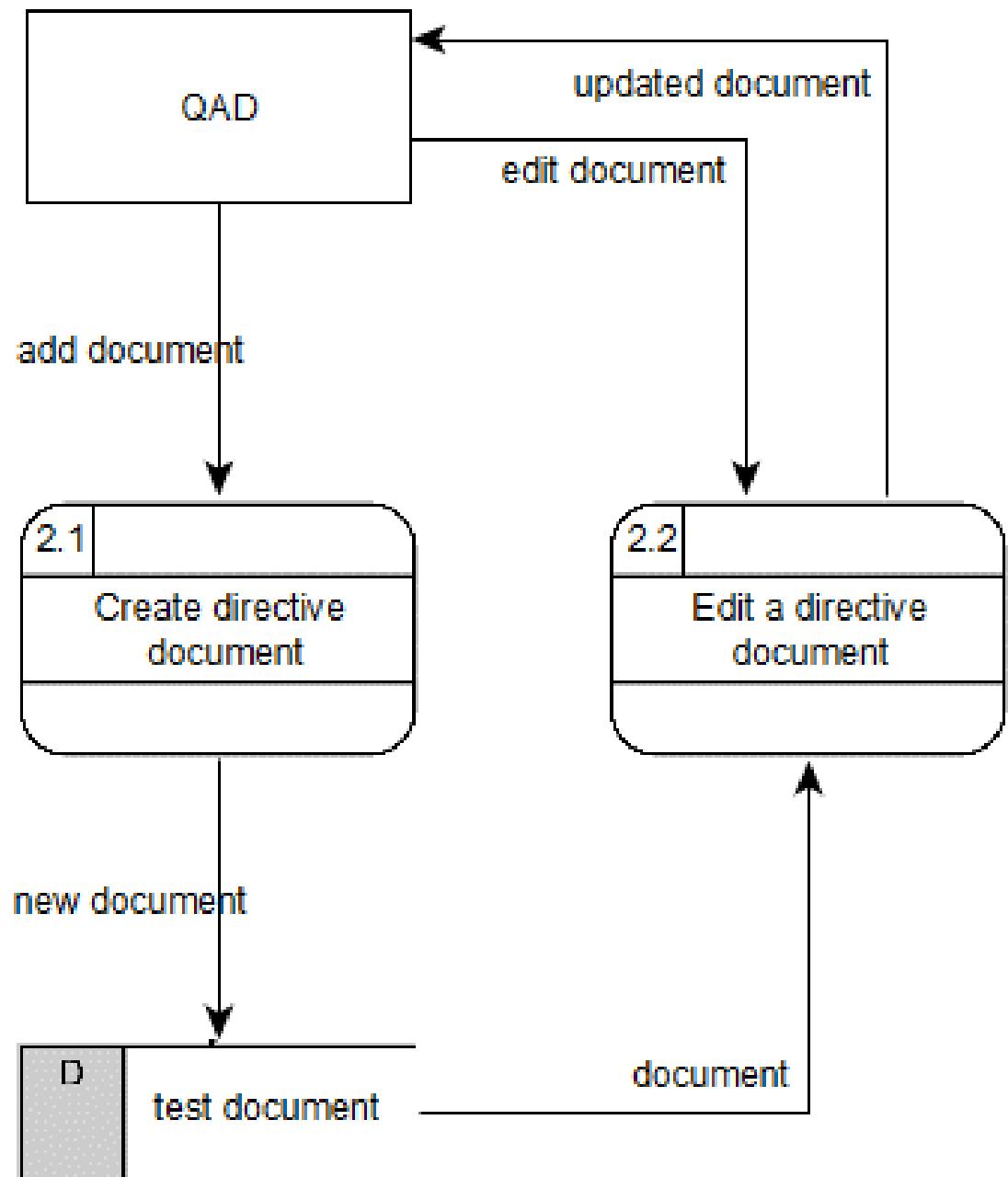


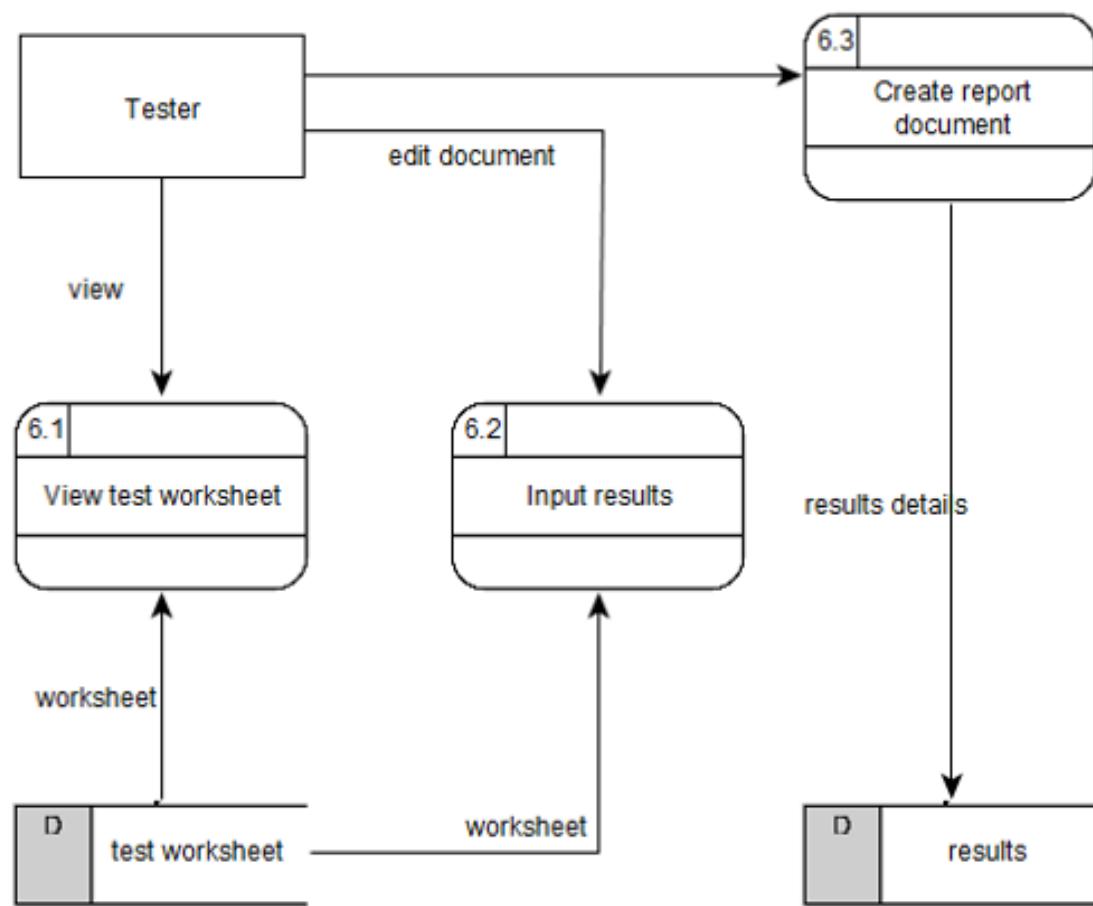
Data Flow Diagram



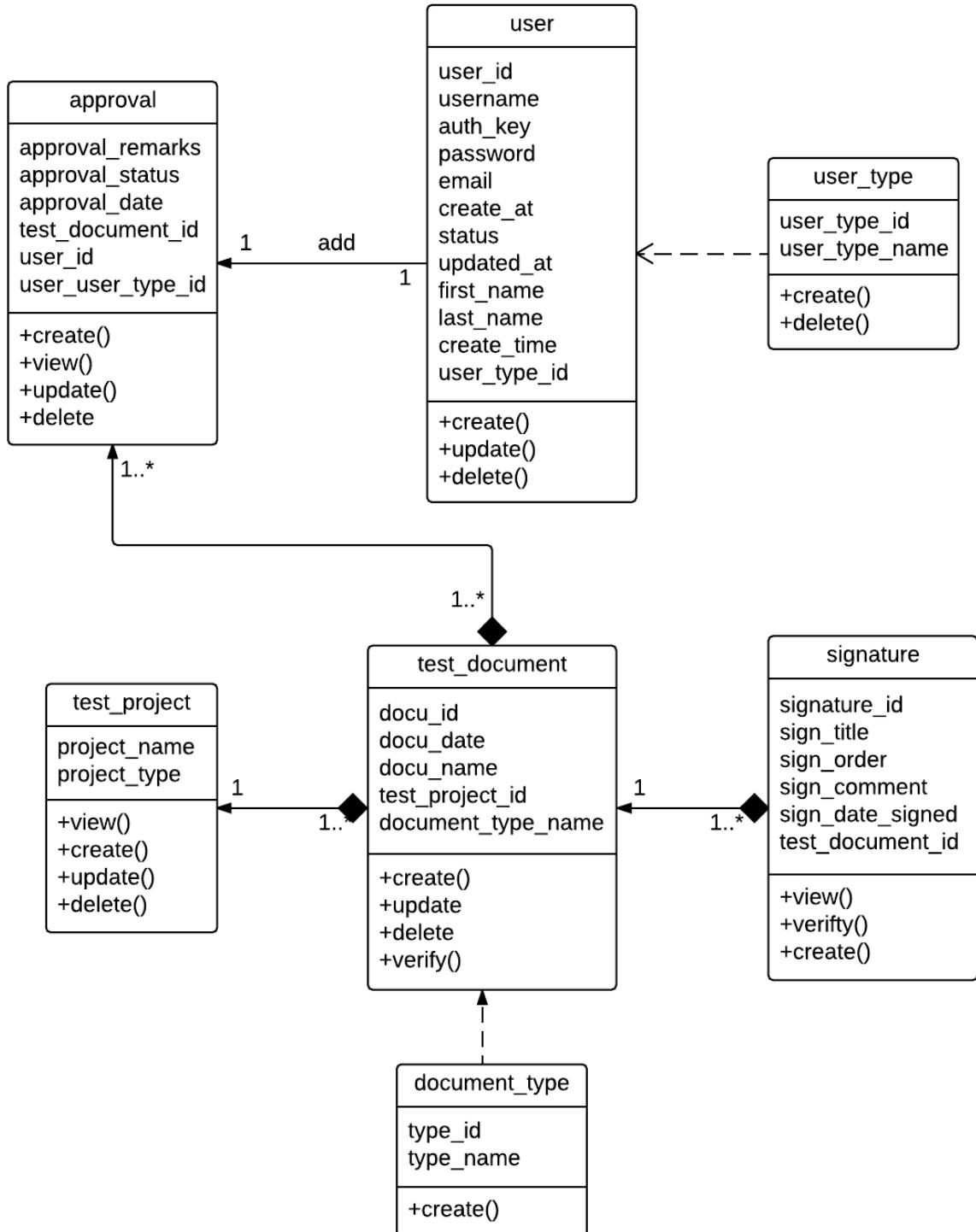
Data Flow Diagram Level 1



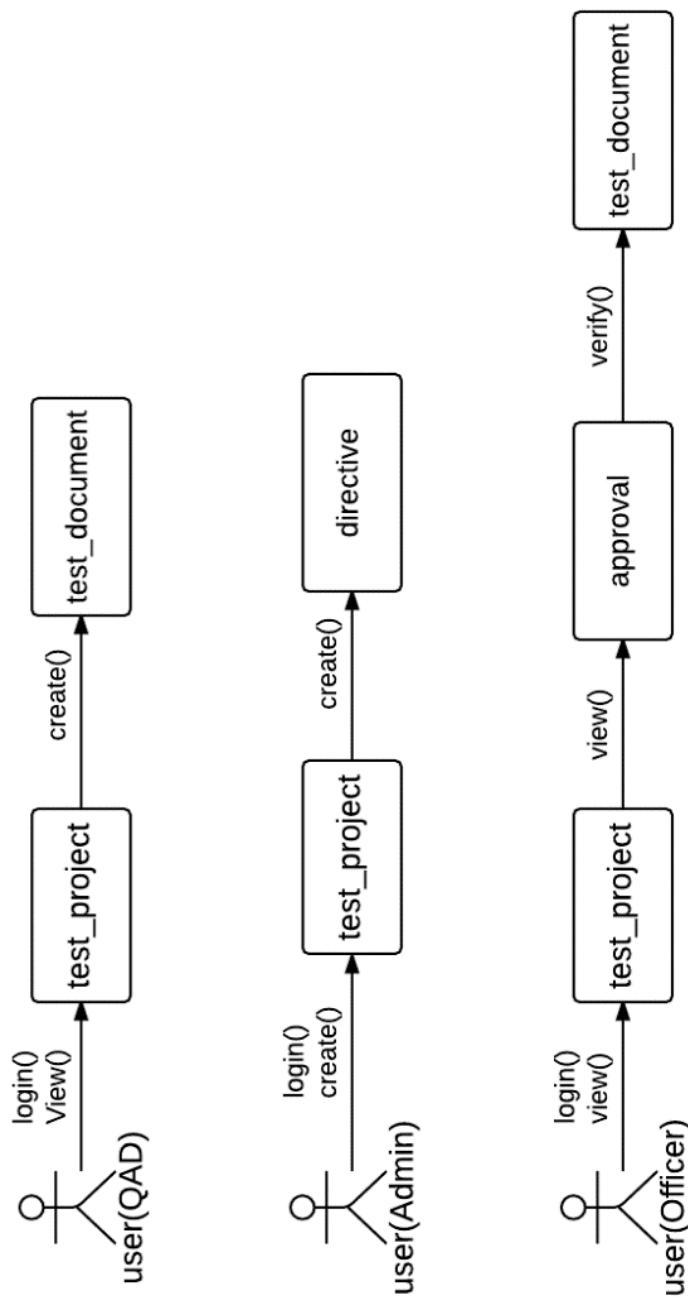




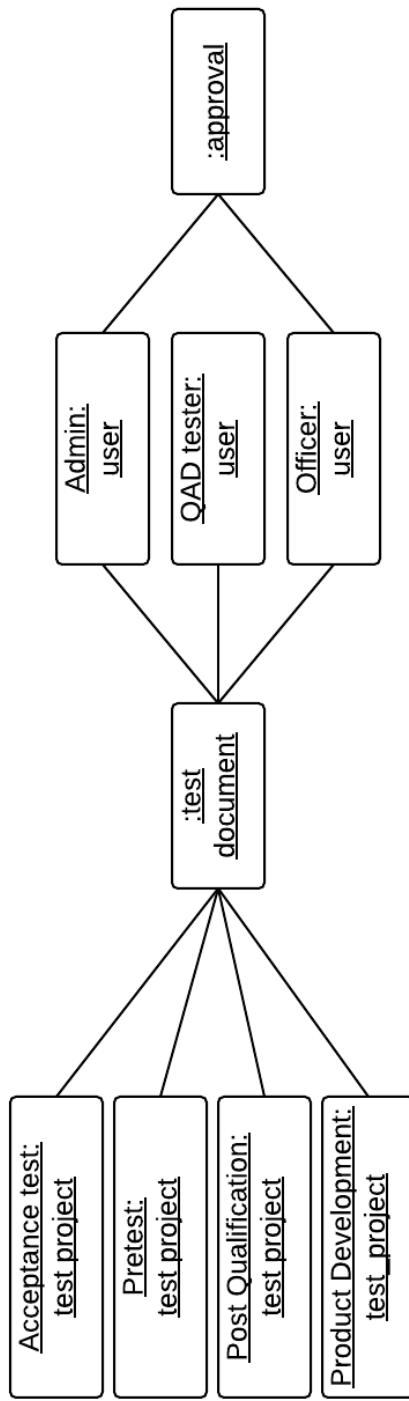
Class Diagram



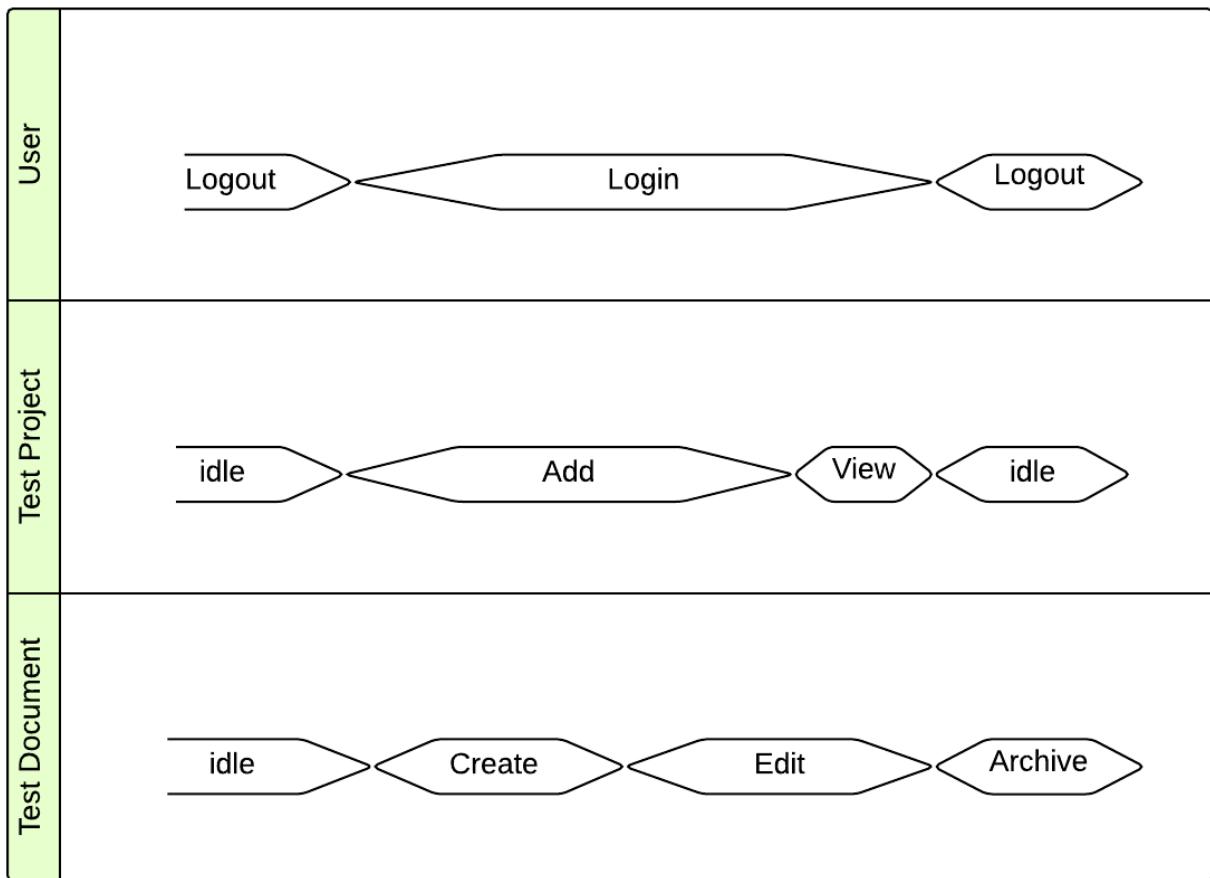
Communication Diagram



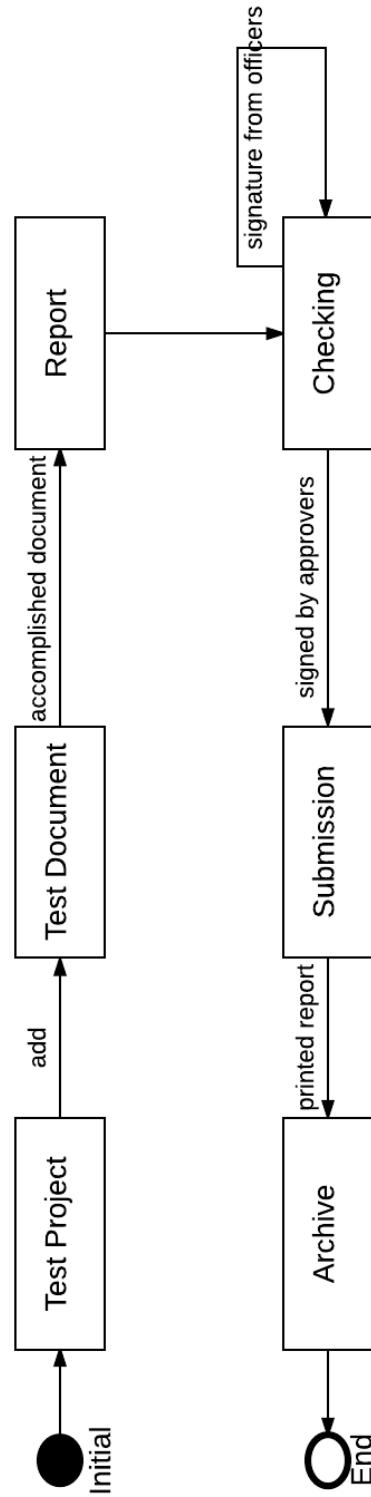
Object Diagram



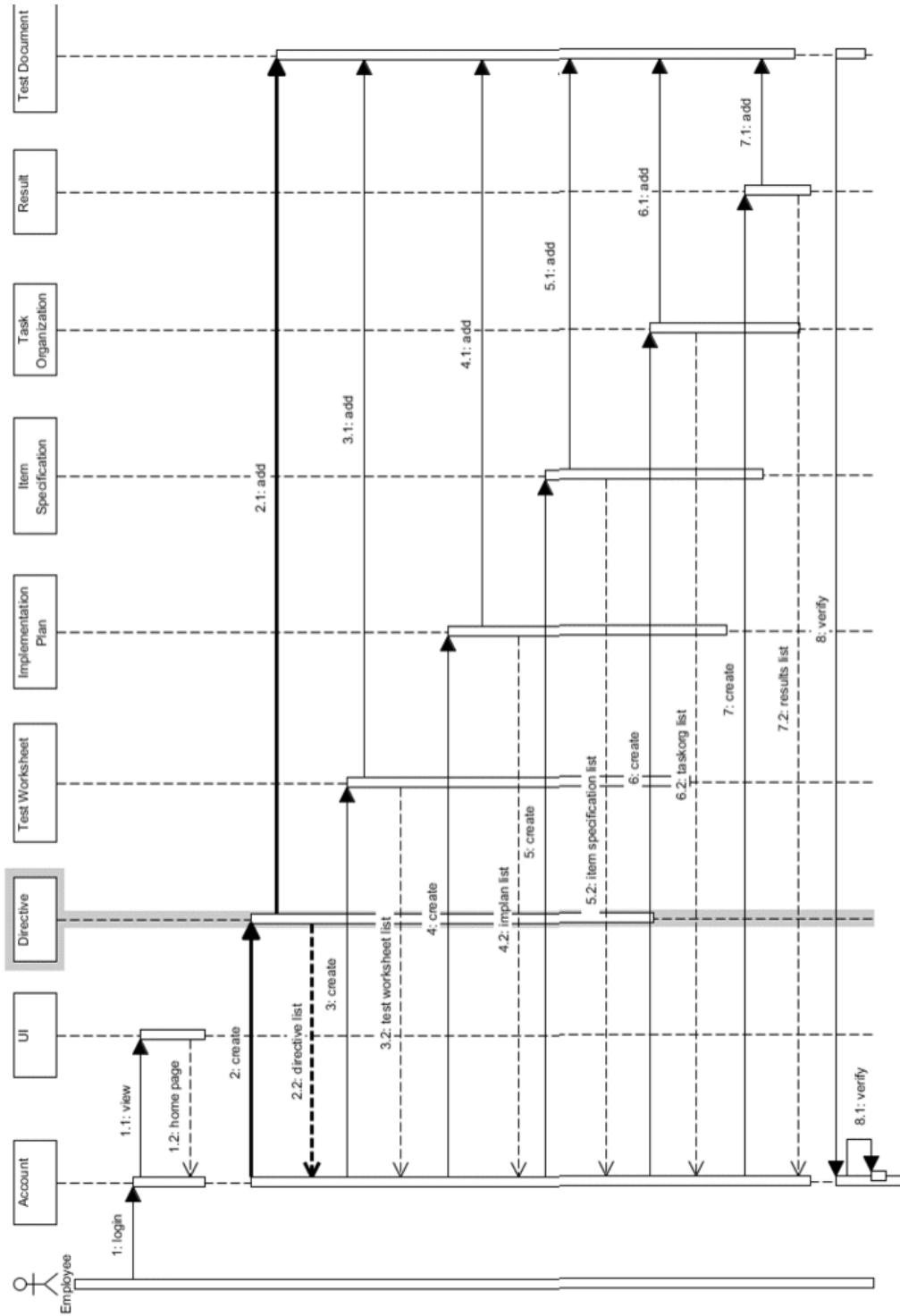
Timing Diagram



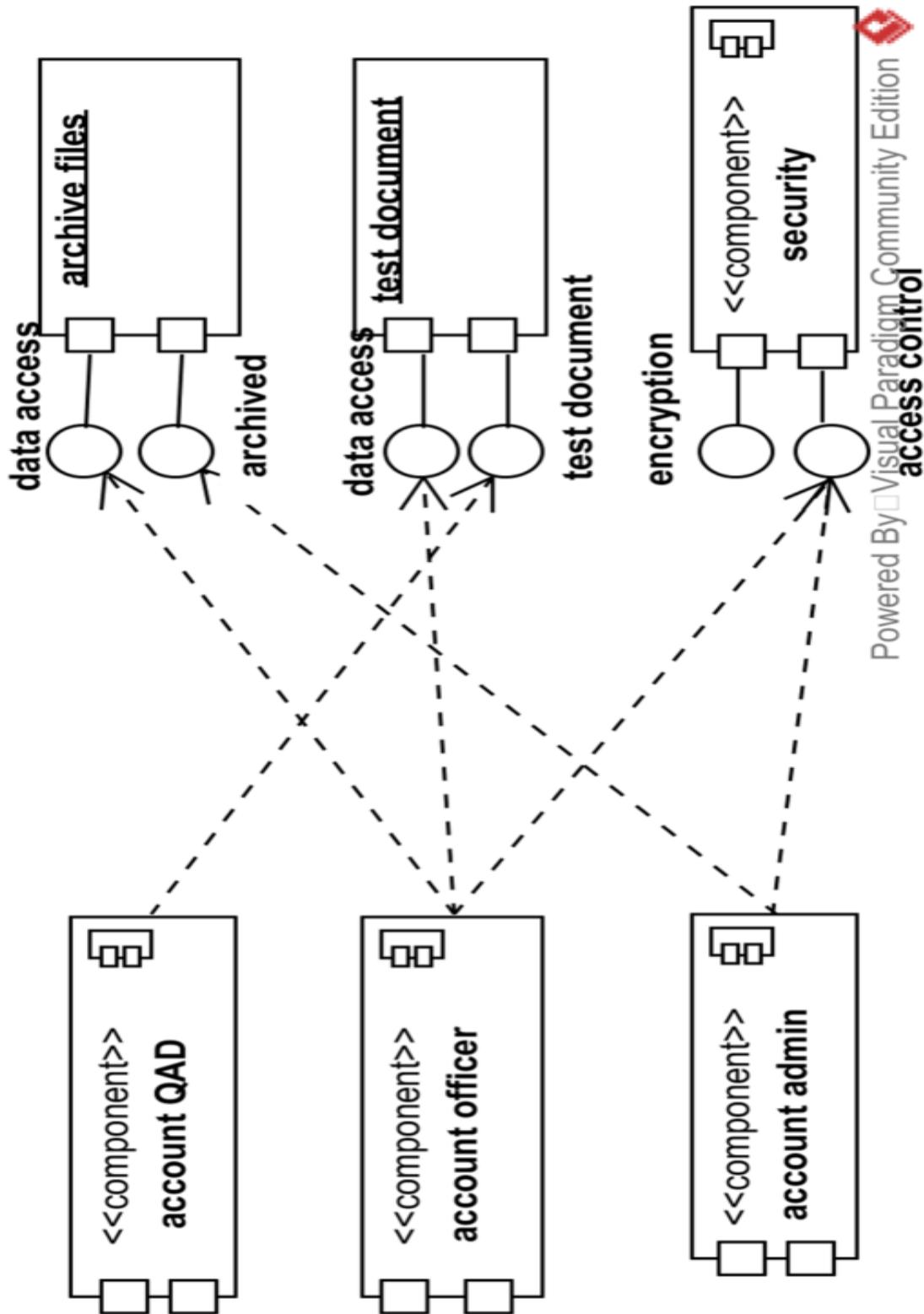
State-Machine Diagram



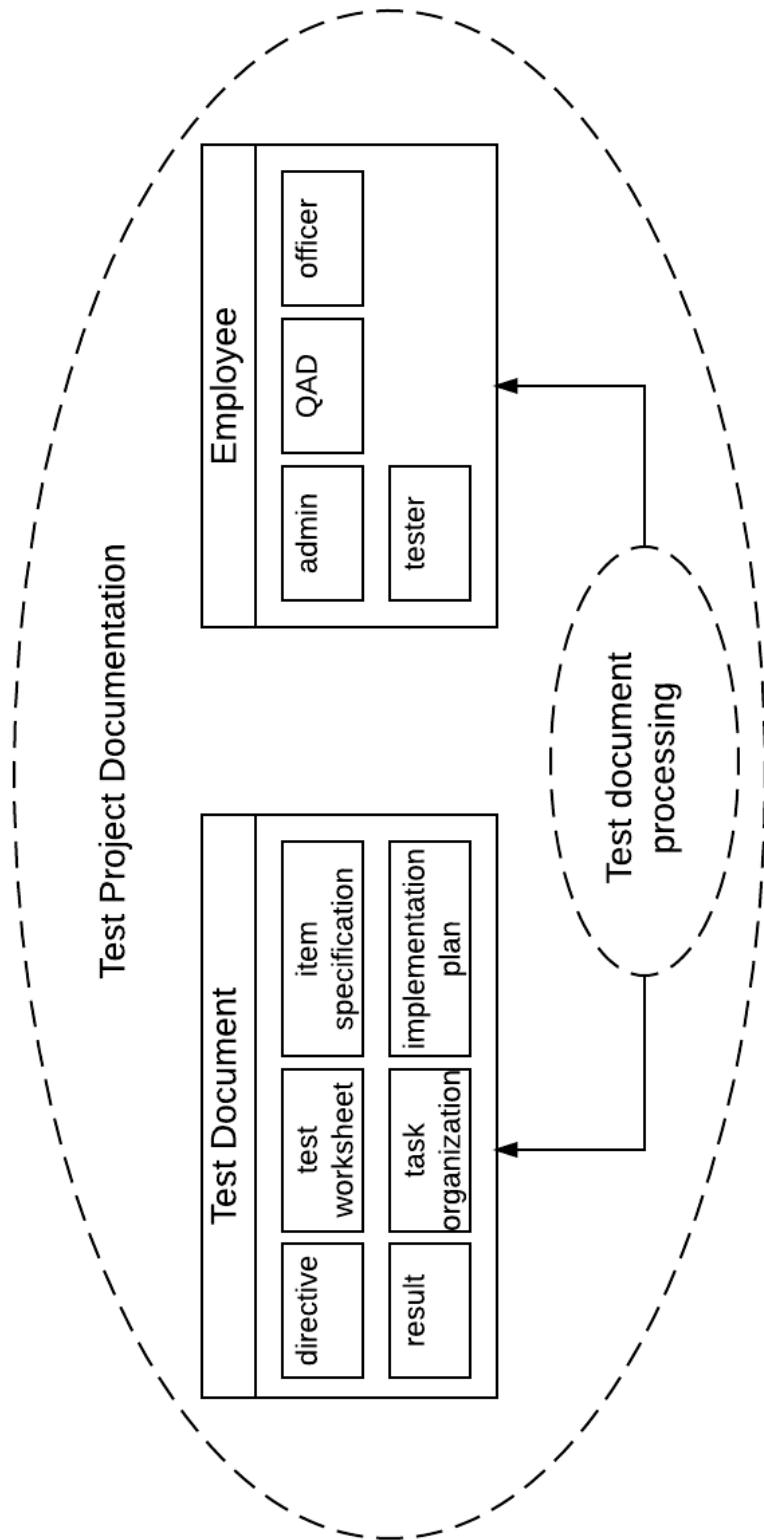
Sequence Diagram



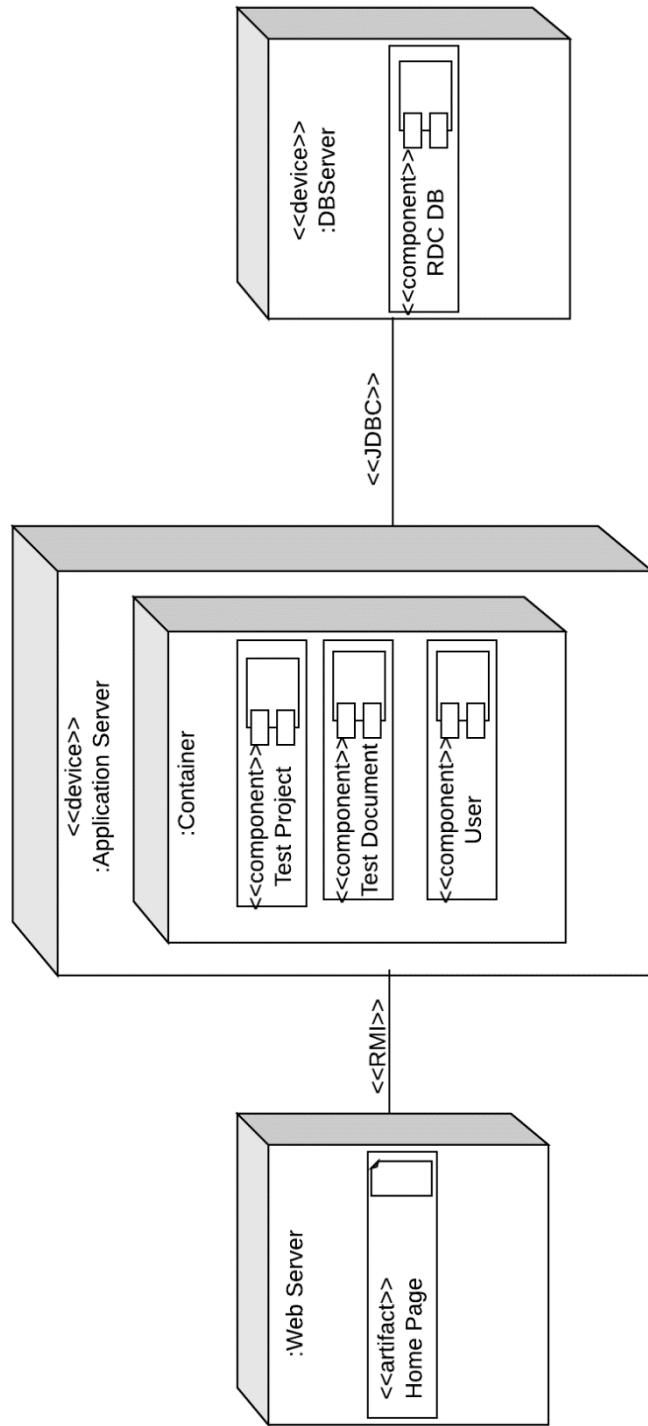
Component Diagram



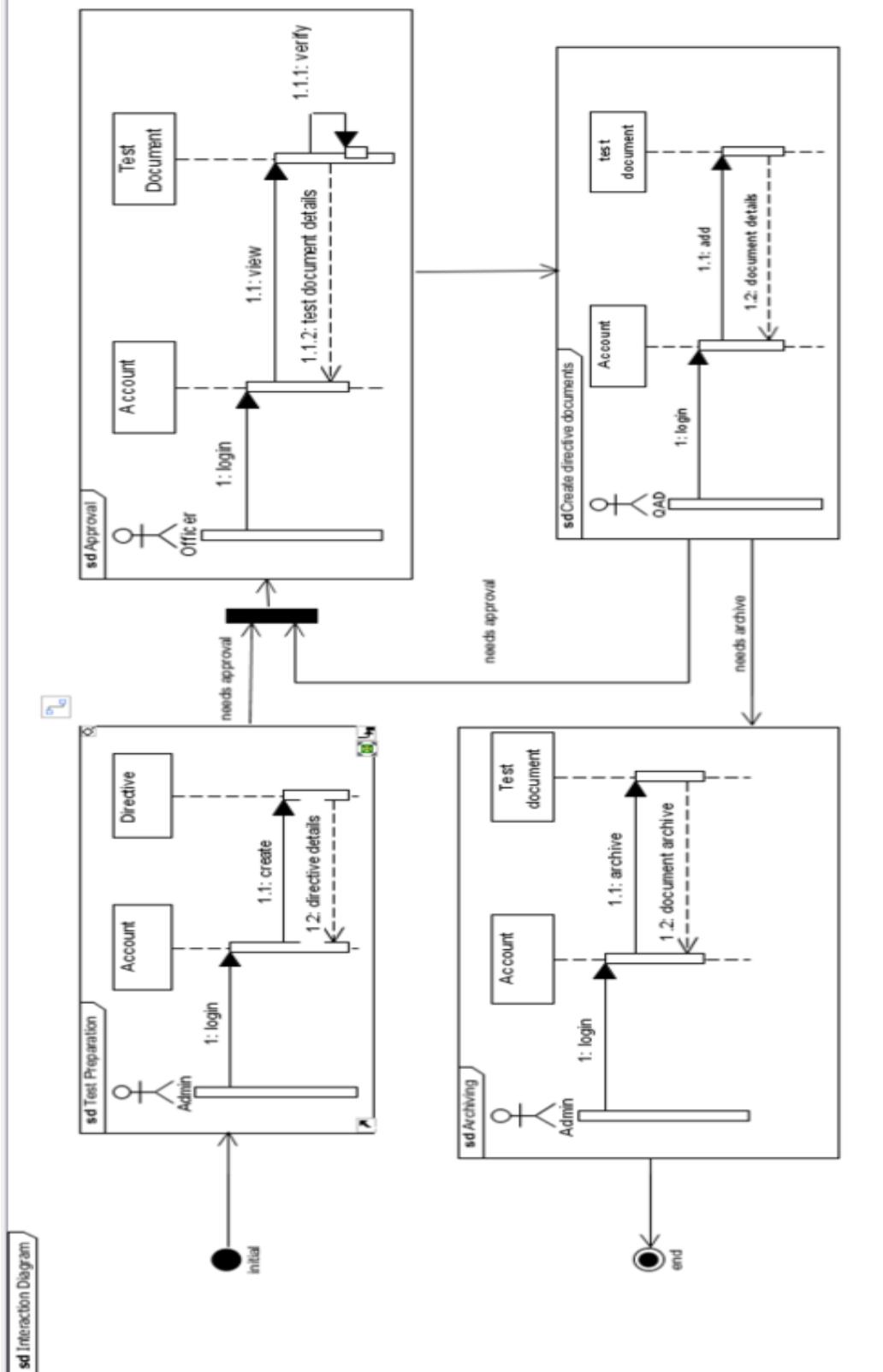
Composite Diagram



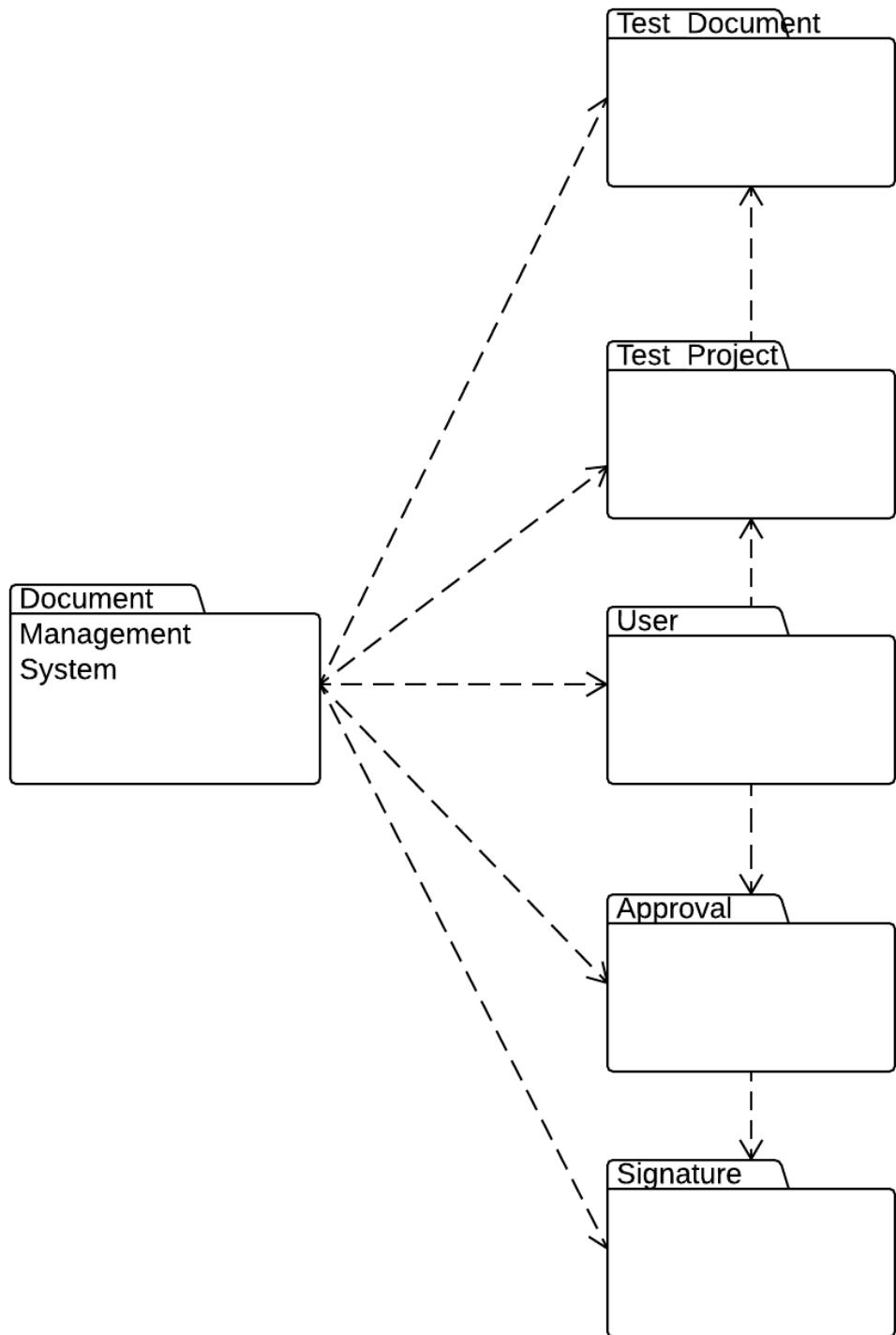
Deployment Diagram



Interaction Overview Diagram

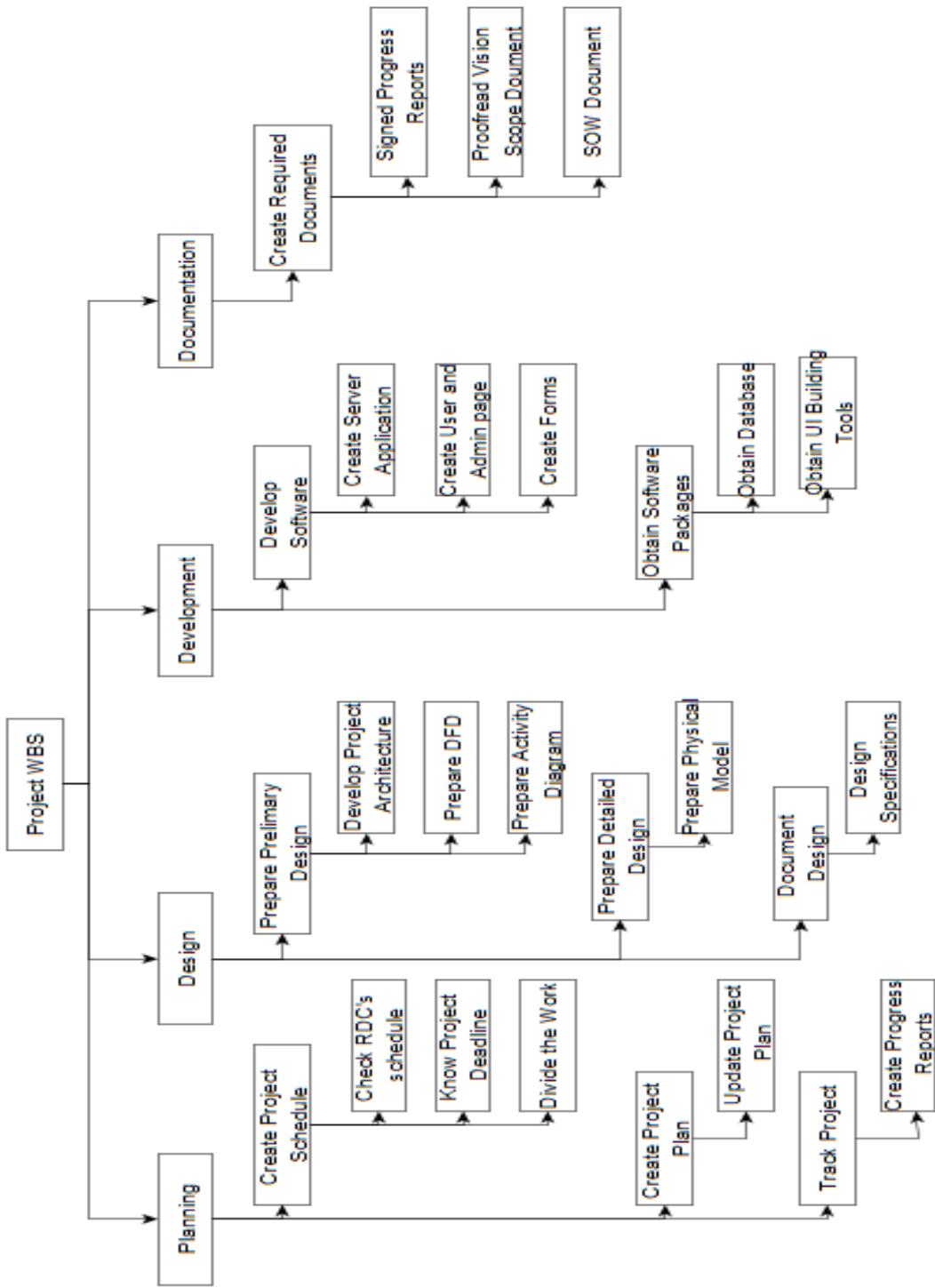


Package Diagram



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

Stakeholder	Major Value	Attitudes	Major Interests	Constraints
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

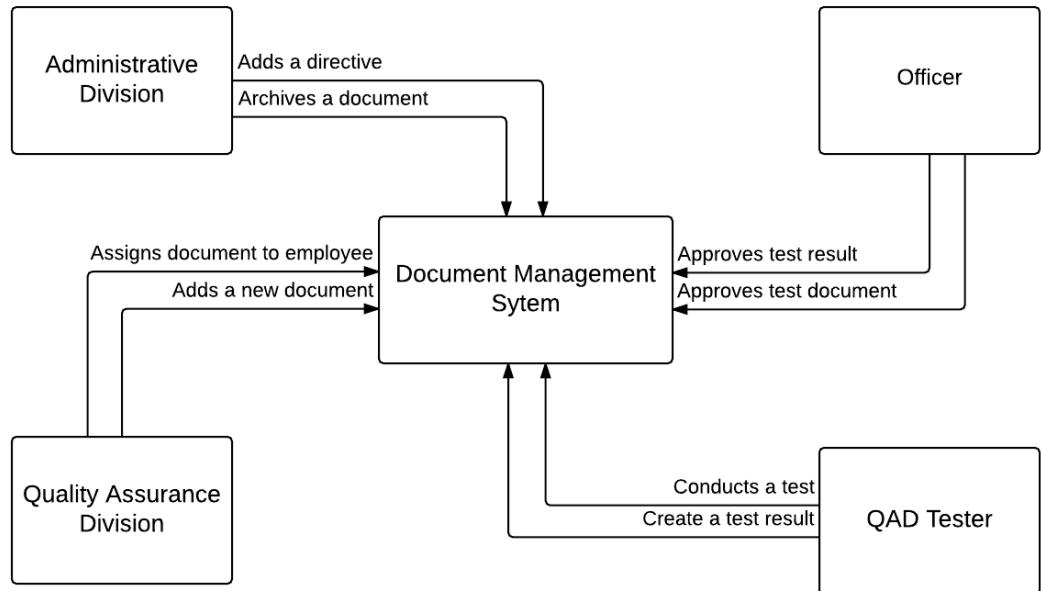
- RDC – Document Management System Project Vision and Scope Document
- RDC – Document Management System Statement of Work Document

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

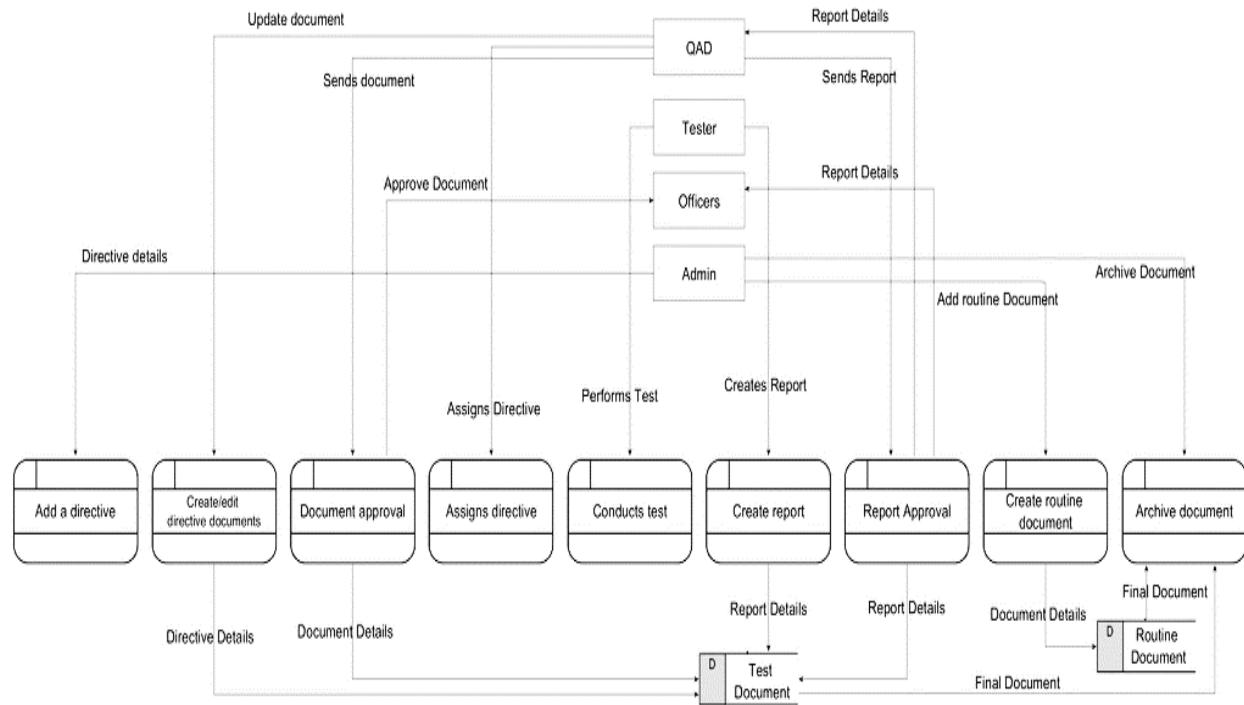
system enables employees of RDC to submit and acknowledge documents that is being processed by different departments without the use of papers. Furthermore, it enables employees of RDC to archive all documents that were accomplished.



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.

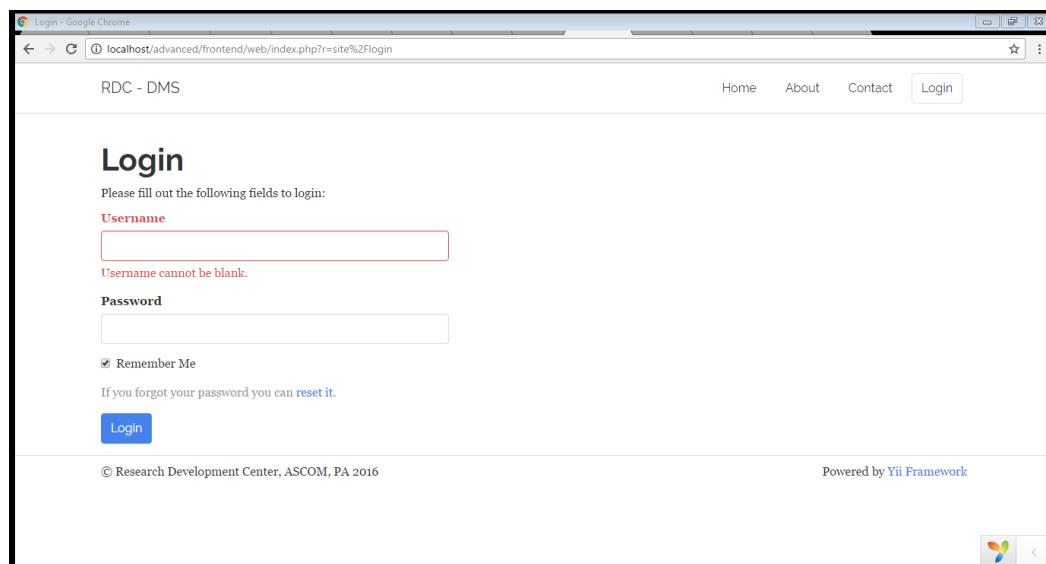
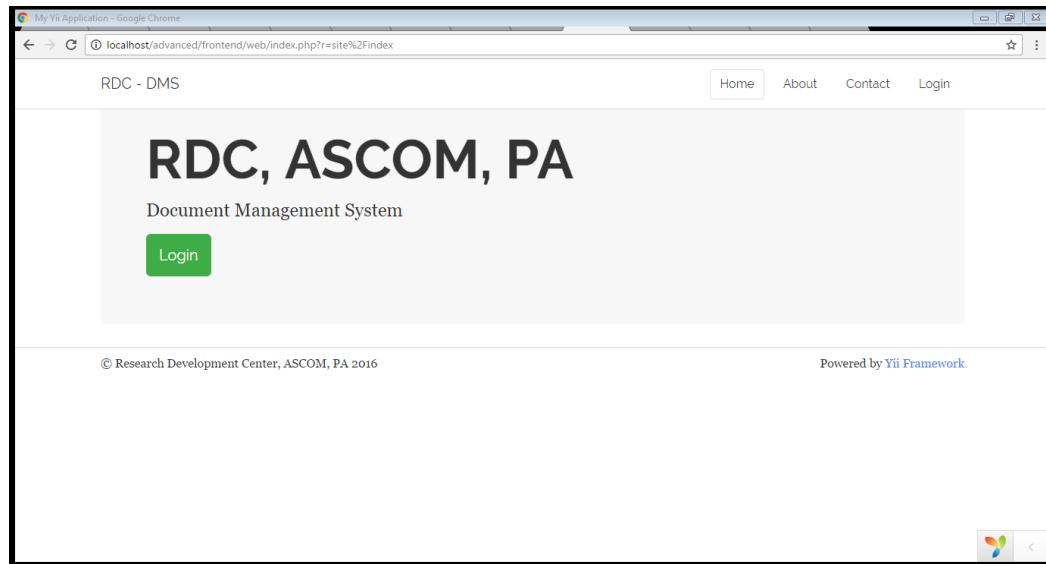
DE-1: The admin must register Employee

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 in 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.

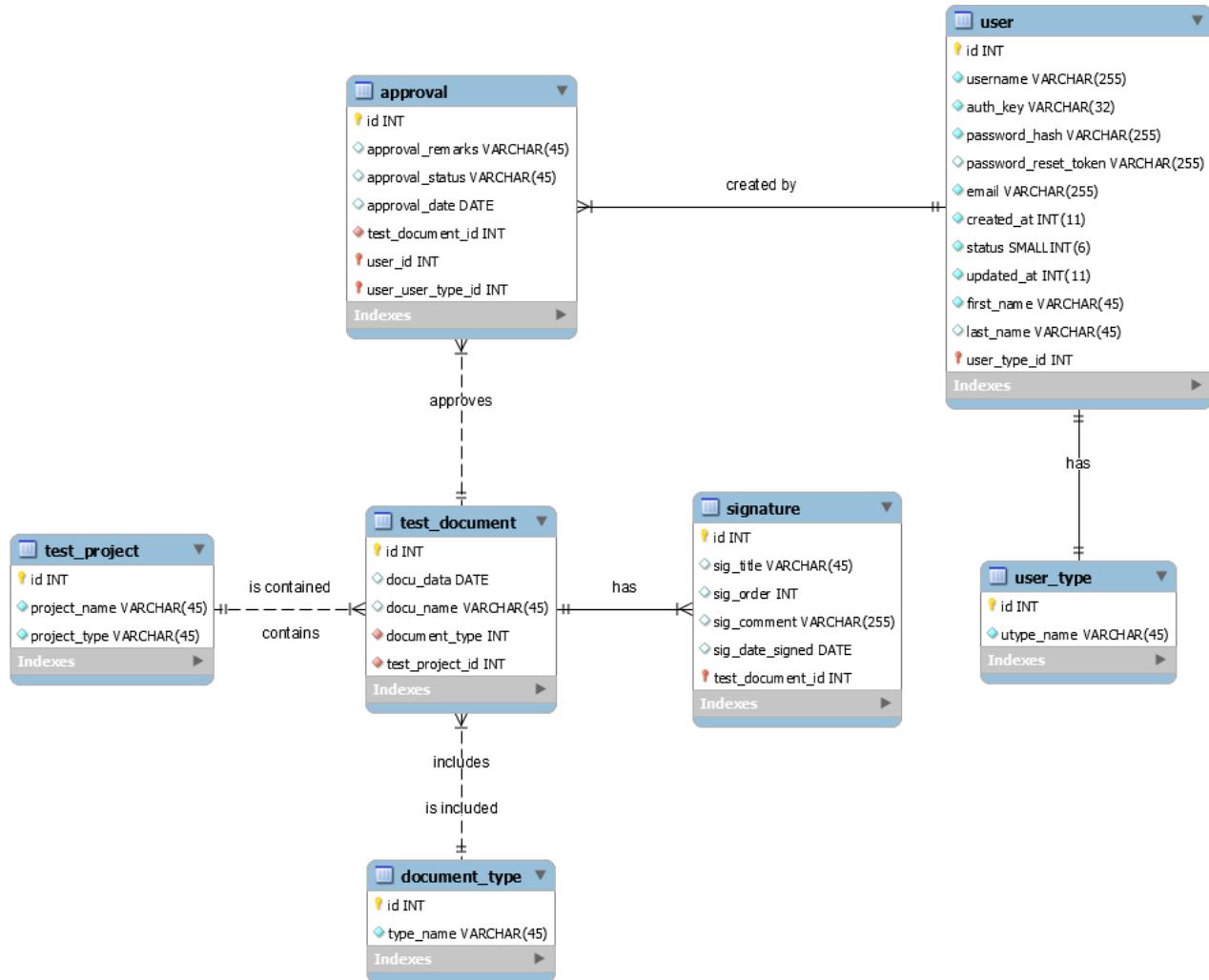
Tester a person who tests something, especially a new product.

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"> • Only the processes within the office will be automated • A database for archiving or finalizing documents • Only the admin user can add, edit, or delete accounts • Only employees in the administrative division can create a new test-project <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"> • To automate processing of papers for the employees of RDC • To develop a database where access and archiving of files can be faster • To improve the client's business process in terms of reducing usage of papers and improving speed of processing documents.

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) by Buan, Michael John, Caranto, Edric Jon Cleon and Carlos, Christian Aleck and GitHub (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'];

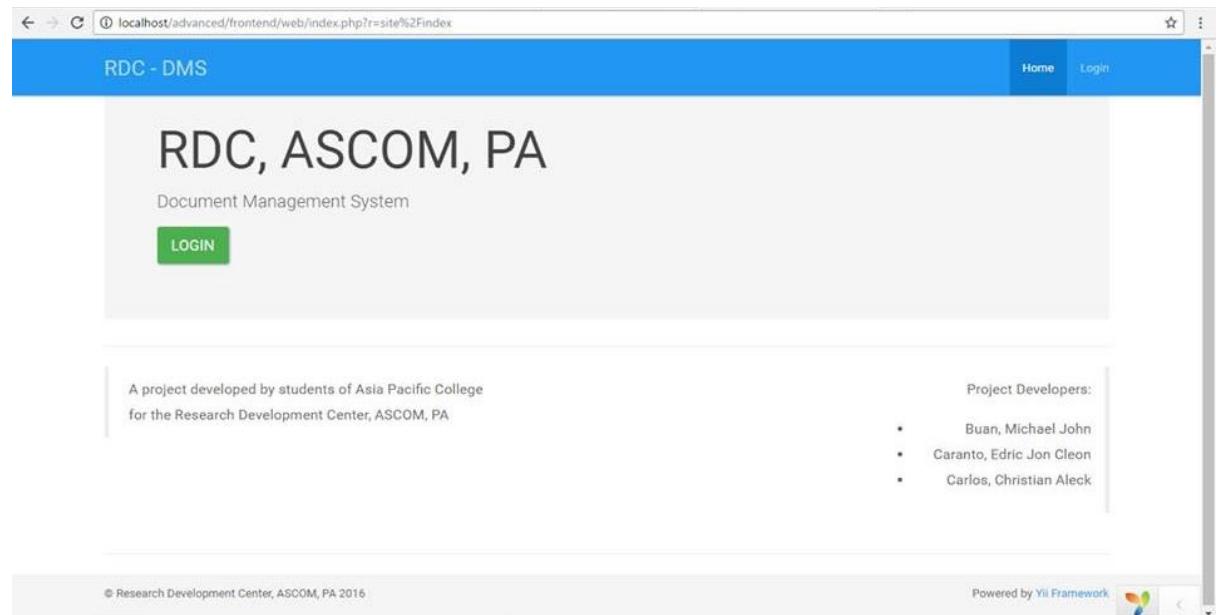
foreach ($permissionList as $value) {
    $newPermission = new AuthAssignment;
    $newPermission->user_id = $user->id;
    $newPermission->item_name = $value;
    $newPermission->save();
}
return $user;
}
return null;
}
```

Sample Input/output/reports

Users Guide

Frontend:

Home page without the user logged in

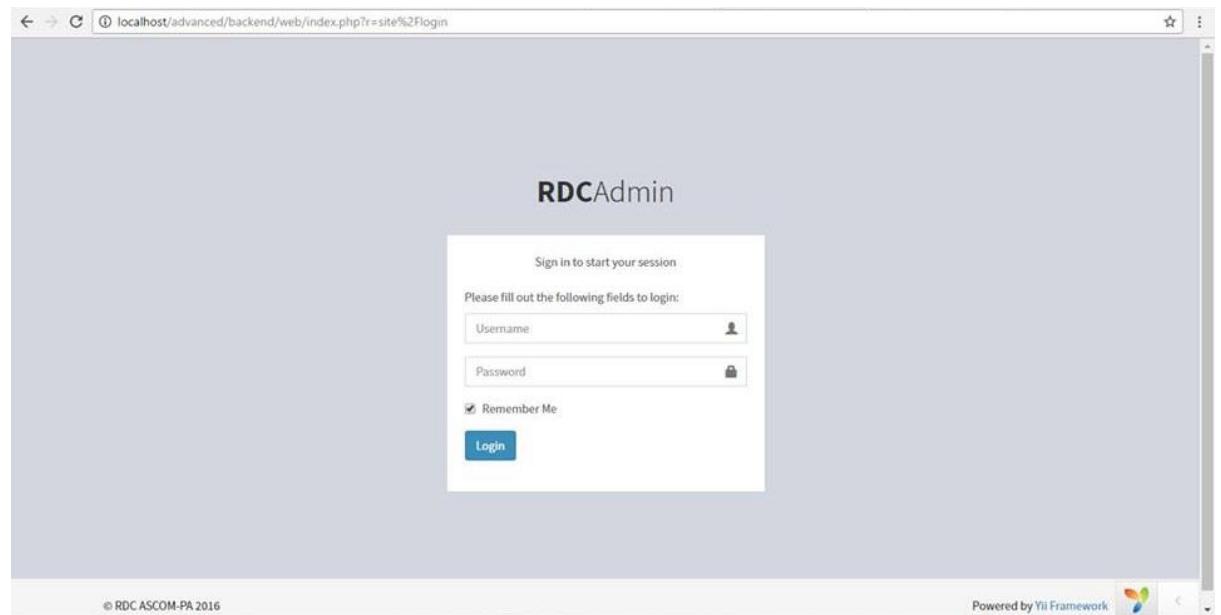


To access the system, the user must have an account. Registration will be done in Backend/Admin side.

Backend:

Login page of Backend

Admin must login his/her account

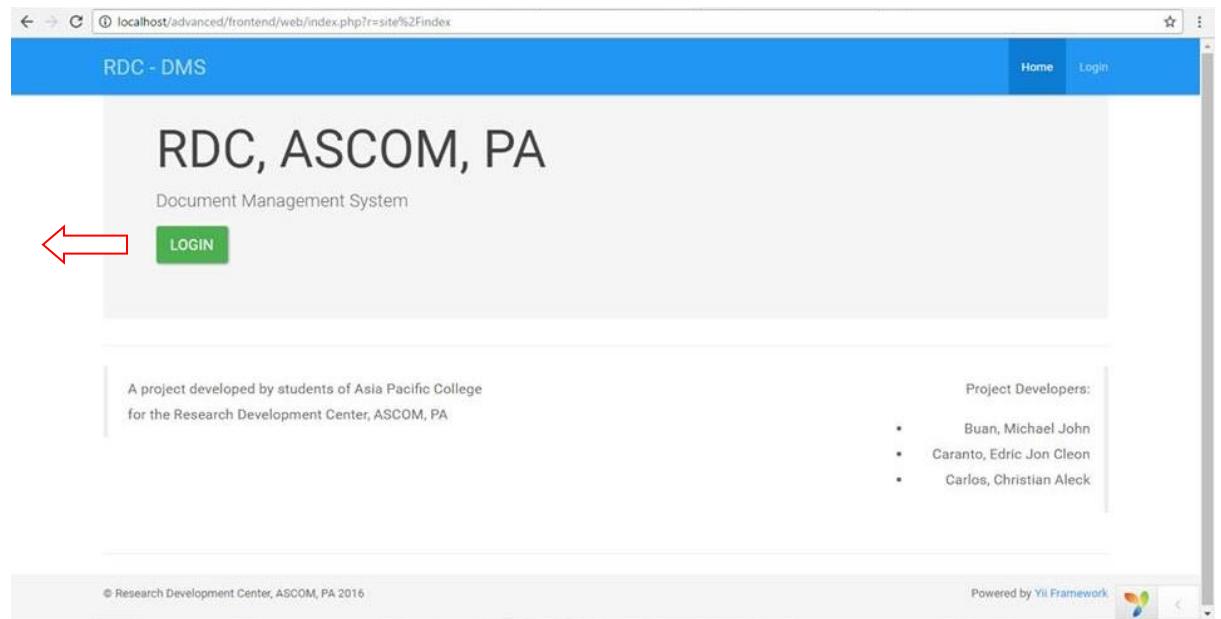


Register form in the backend

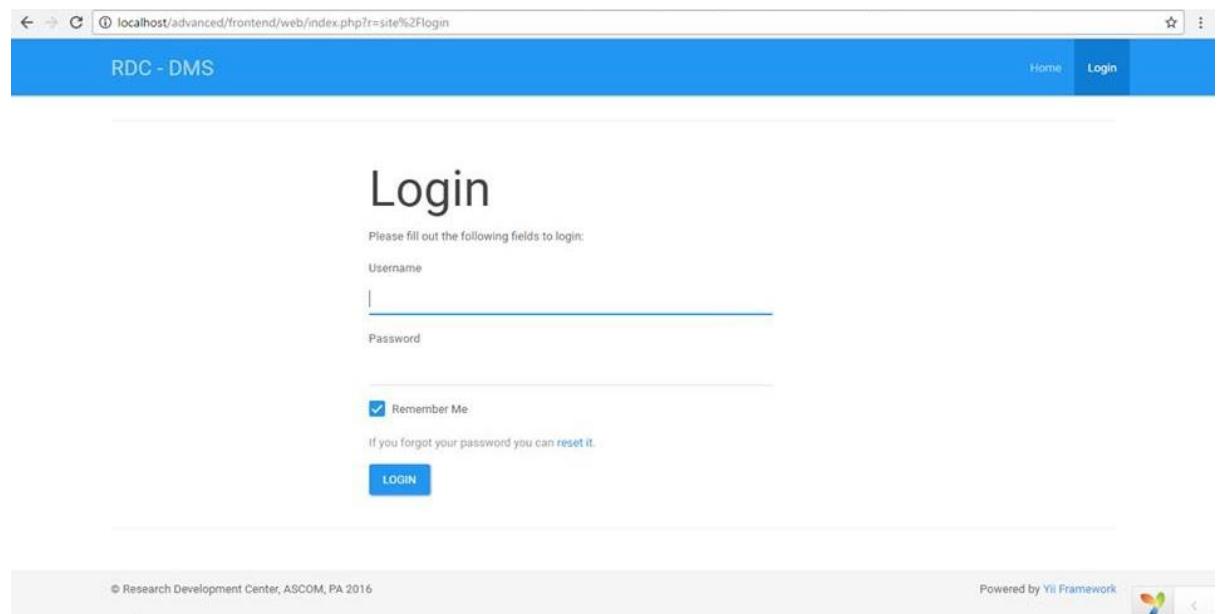
The registration of users is in the backend so that they can have control in adding privileges to each user of RDC. The admin must click the Register user on the left side

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.

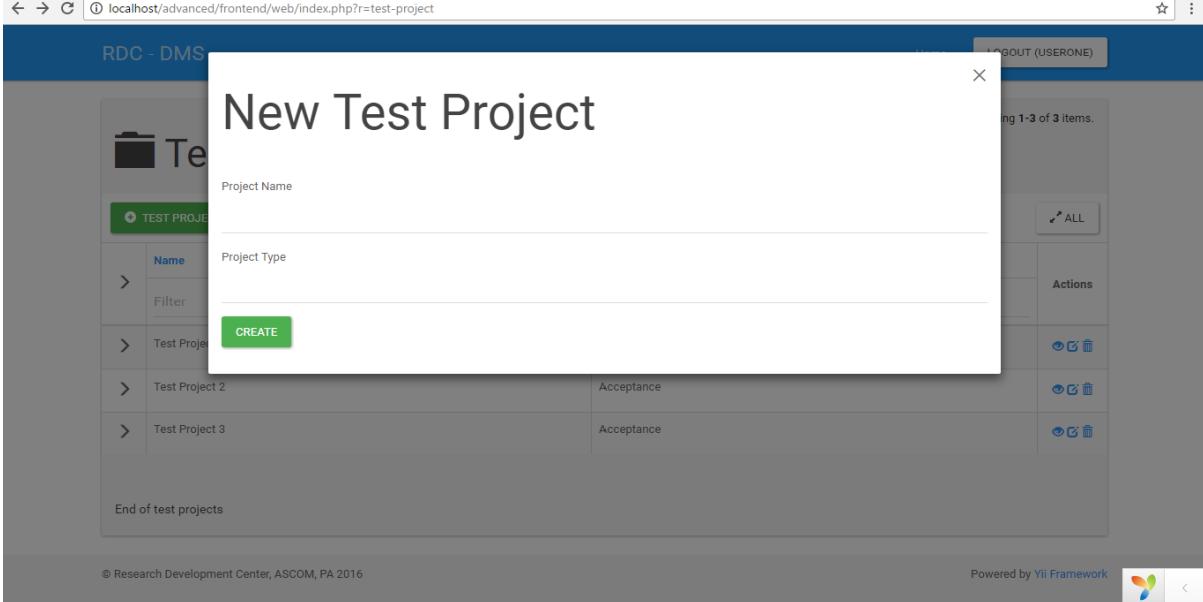
The screenshot shows the "Test Projects" page. The header bar includes the "RDC - DMS" title and a "LOGOUT (USERONE)" button. The main content area has a title "Test Projects" with a folder icon. Below the title are four buttons: "TEST PROJECT", "DOCUMENT", "REQUEST APPROVAL", and "ADD SIGNATURE". A "Filter" button is also present. The main table displays three test projects:

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

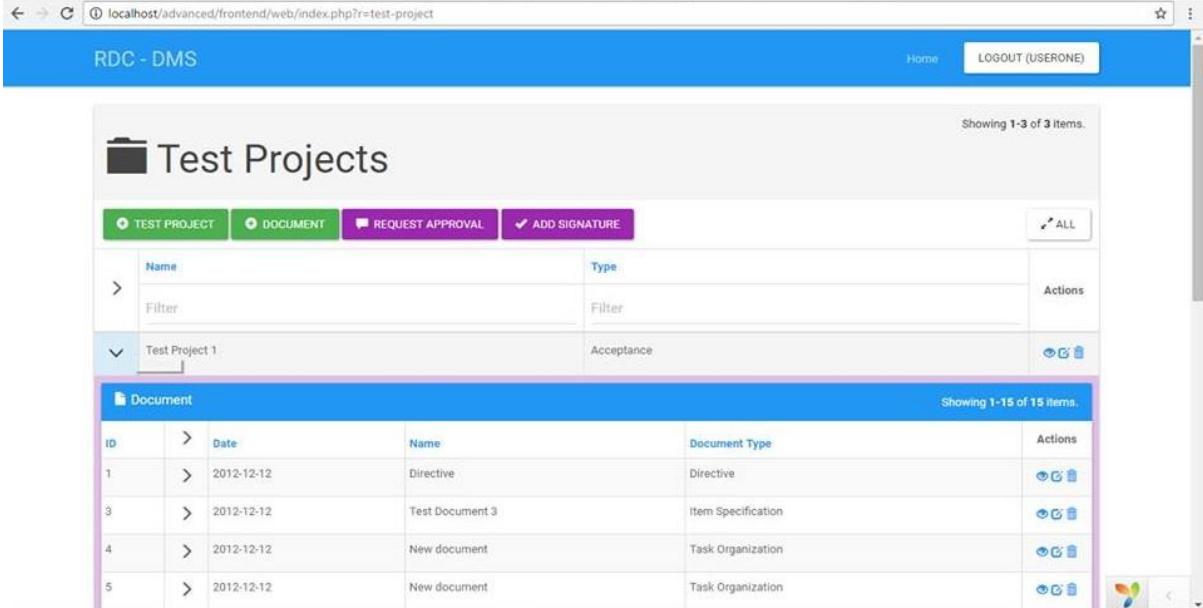
When the user with privilege to create test project can access this form once he/she clicks  button



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 list of existing test projects: "Test Project 2" and "Test Project 3", each with an "Acceptance" status. At the bottom of the page, there is a footer with copyright information and a "Powered by Yii Framework" logo.

View test documents under a test project

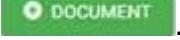
User can view the documents pertaining to a test project by clicking the  button

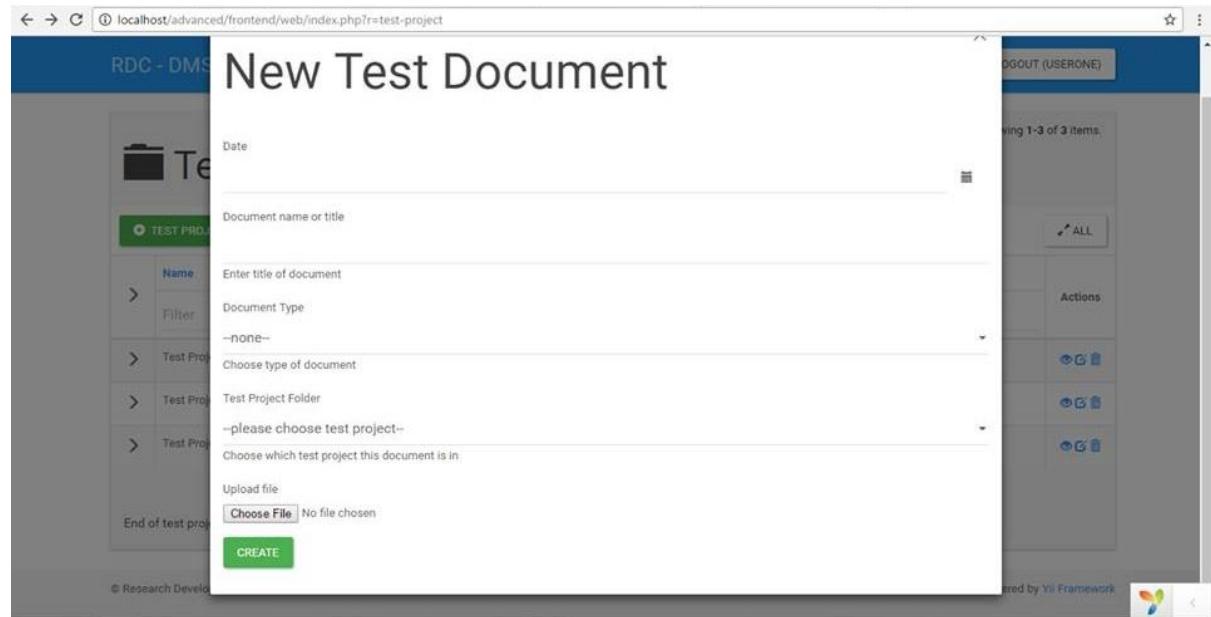


The screenshot shows a list of "Test Projects". At the top, there are four buttons: "TEST PROJECT" (green), "DOCUMENT" (green), "REQUEST APPROVAL" (purple), and "ADD SIGNATURE" (purple). Below the buttons, there is a search/filter section with "Name" and "Type" fields and a "Filter" button. A single project, "Test Project 1", is listed with an "Acceptance" status. Below this, there is a "Document" section with a table. The table has columns: "ID", "Date", "Name", "Document Type", and "Actions". The table contains five rows of data:

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.

The screenshot shows a web-based document management system. At the top, there's a header bar with navigation icons, the URL 'localhost/advanced/frontend/web/index.php?r=test-project', and a 'LOGOUT (USERONE)' button. Below the header is a blue navigation bar with the text 'RDC - DMS'. The main content area has a table with the following data:

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	

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.

The screenshot shows a detailed view of a document. At the top, there's a header bar with navigation icons, the URL 'localhost/advanced/frontend/web/index.php?r=test-document%2Fview&id=1', and a 'LOGOUT (USERONE)' button. Below the header is a blue navigation bar with the text 'RDC - DMS'. The main content area has a table with the following data:

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

Below the table is a blue 'DOWNLOAD' button. At the bottom of the page, there's a footer with the text '© Research Development Center, ASCOM, PA 2016' and 'Powered by Yii Framework'.

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.

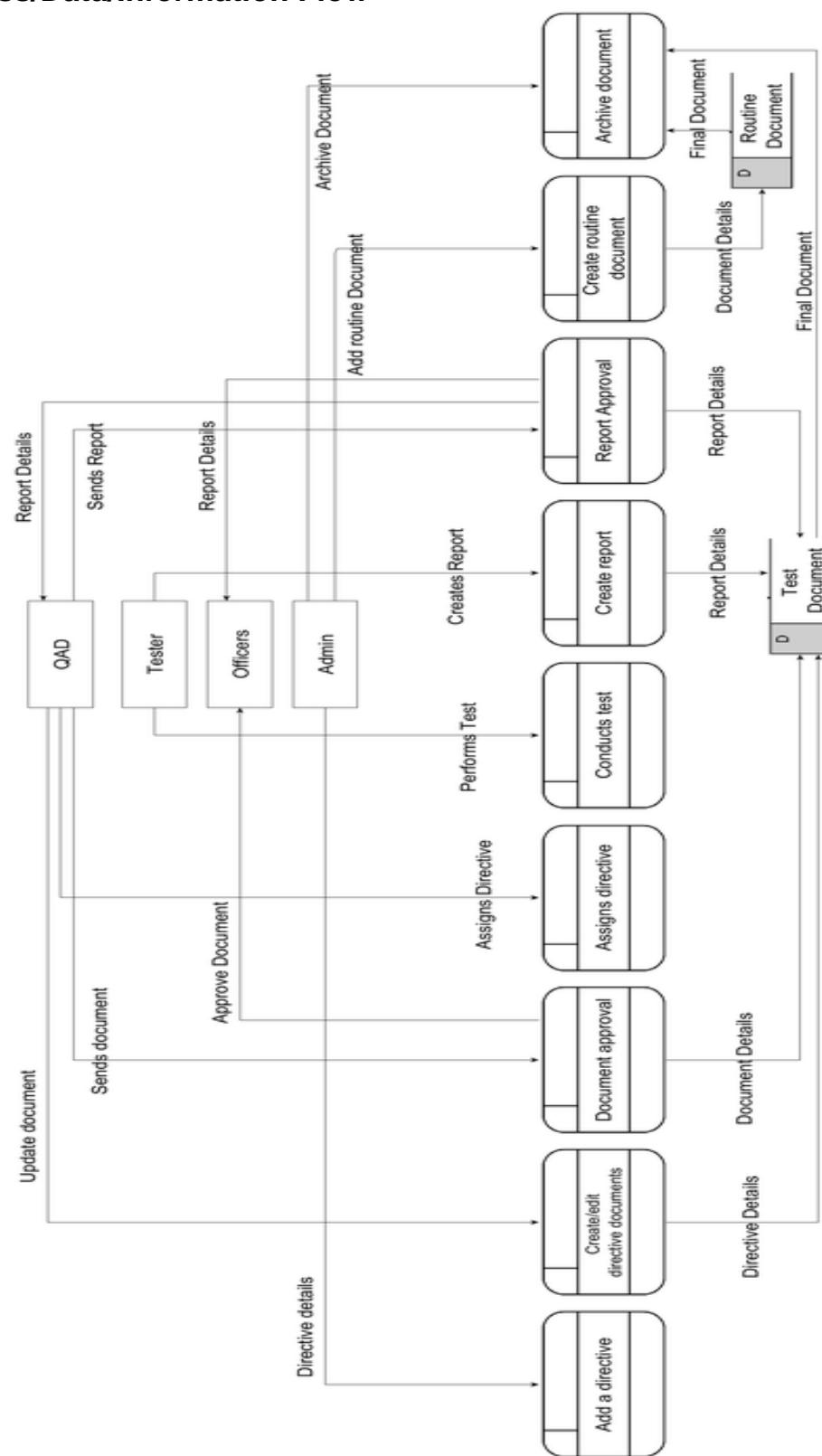
The screenshot shows the RDC - DMS application interface. At the top, there's a navigation bar with links for Home and Logout (USERONE). Below it, the main title is 'Test Projects'. There are four tabs: TEST PROJECT (selected), DOCUMENT, REQUEST APPROVAL, and ADD SIGNATURE. The main content area shows a table with rows for 'Test Project 1' (Name: Filter, Type: Acceptance, Actions: edit, delete, etc.). Below this, a modal window titled 'Document' is open, displaying two tables: 'Directive' (ID: 1, Date: 2012-12-12, Name: Directive, Document Type: Directive) and 'Directive' (ID: 1, Title: Directive, Order: 1, Comment: Directive, Date: 2012-12-12).

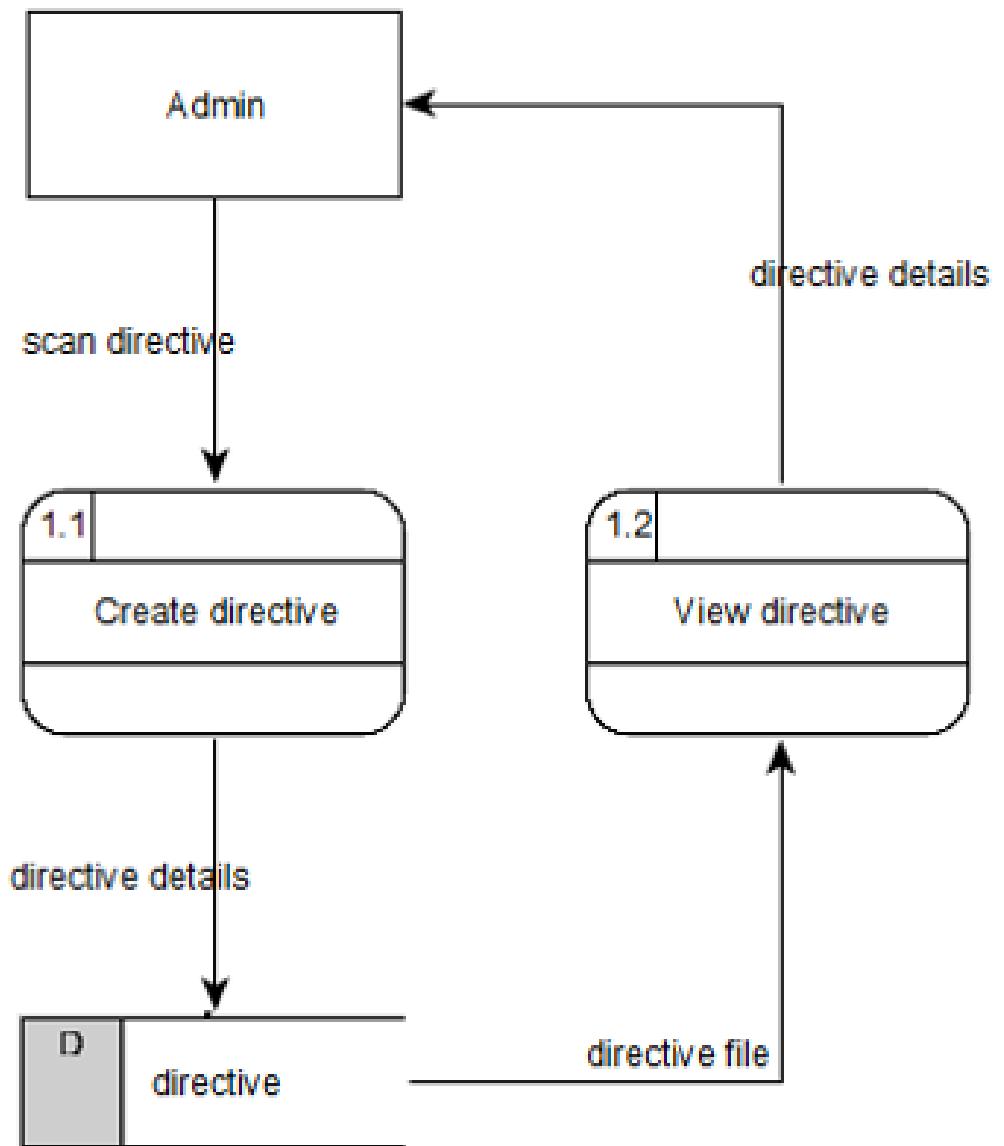
View calendar

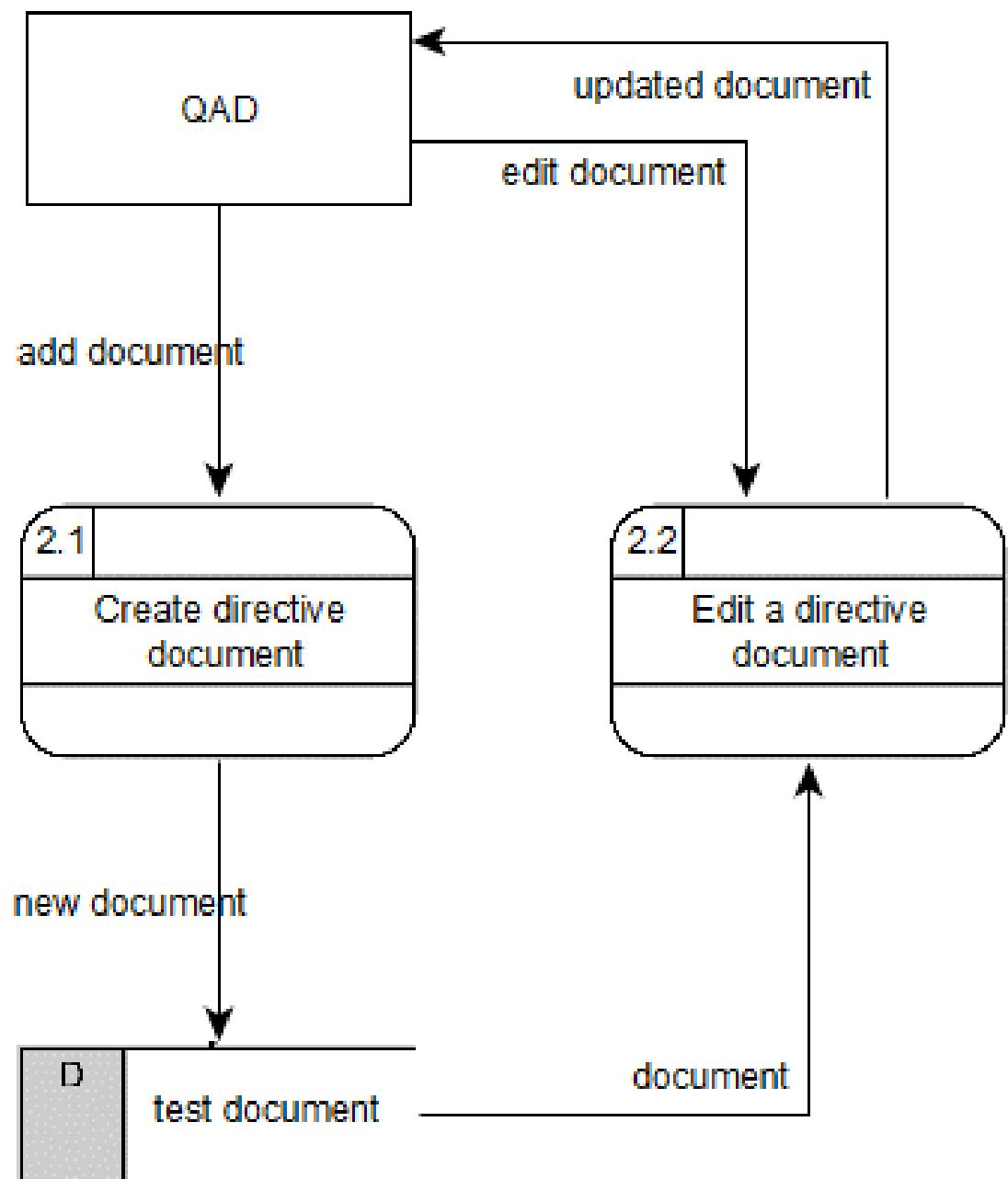
If the user wants to check the events, they can access the calendar clicking the calendar **CALENDAR** button in the home page.

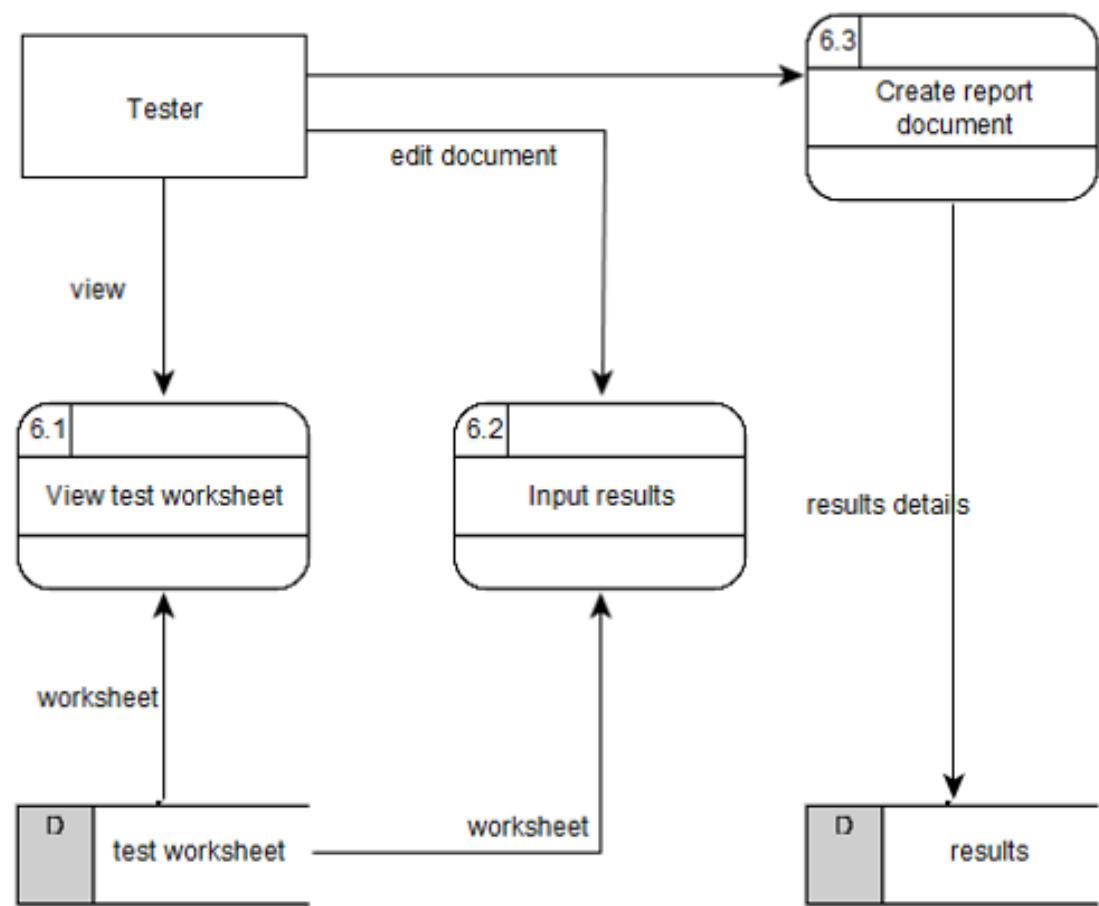
The screenshot shows the RDC - DMS application interface with a calendar for December 2016. The calendar grid shows days from Sunday to Saturday. An event is scheduled for December 12th, labeled 'Surprise'. December 15th is highlighted in yellow. Navigation buttons for month and week are also visible.

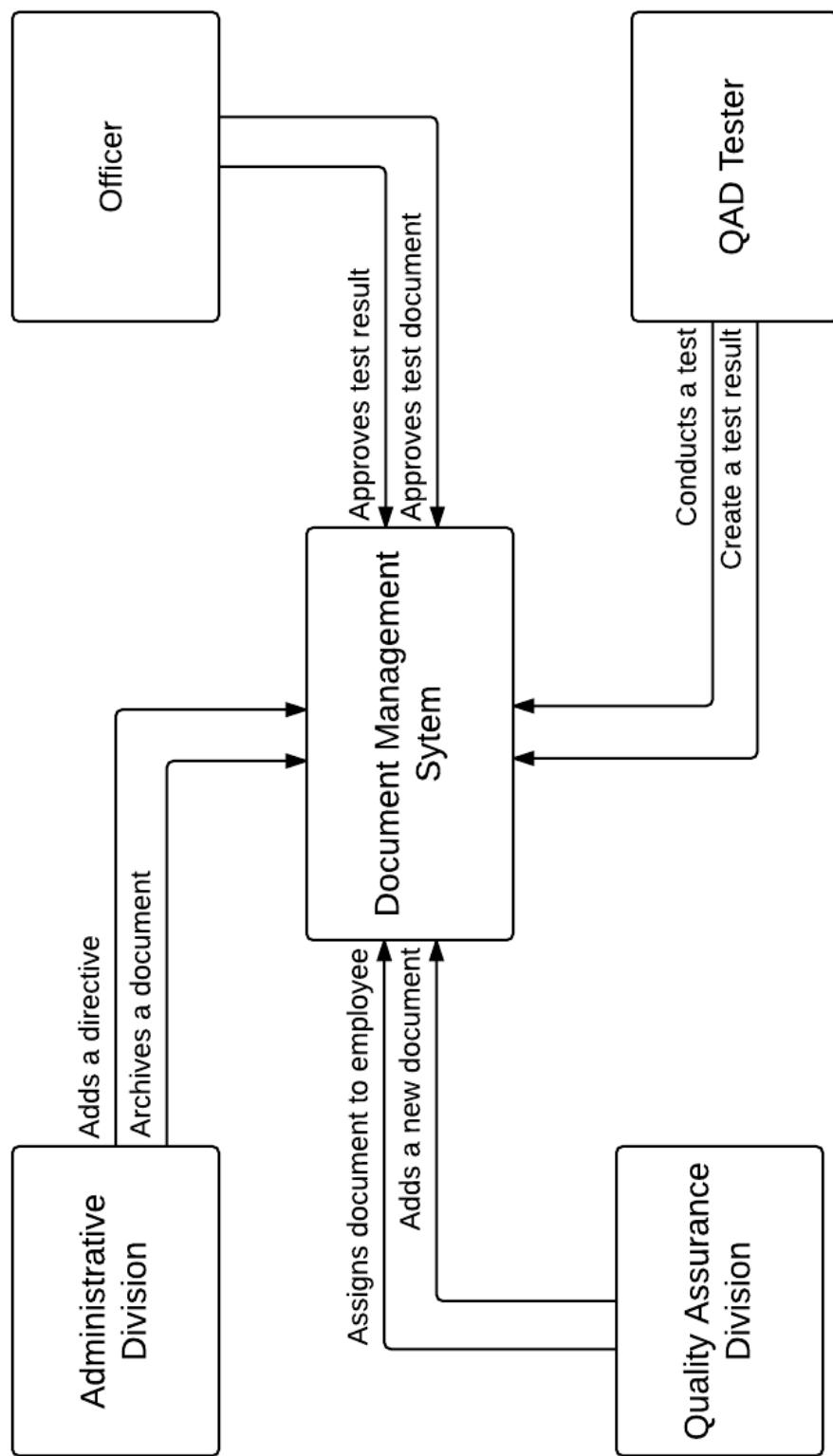
Process/Data/Information Flow



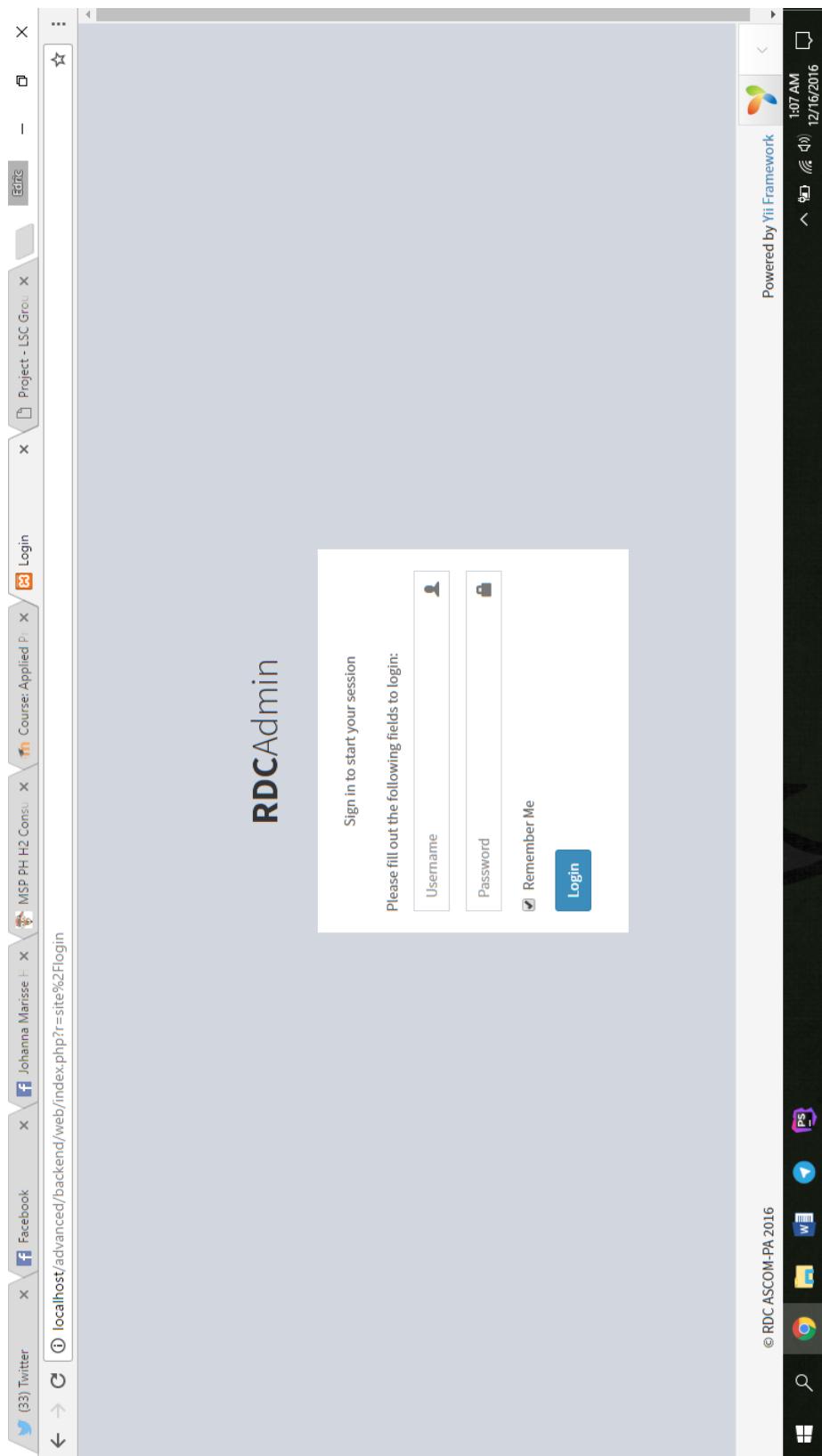








Screen Layouts



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

- Address Bar:** localhost/advanced/frontend/web/index.php?r=site%2Flogin
- Title Bar:** RDC - DMS
- Content Area:**
 - Section Header:** Login
 - Text:** Please fill out the following fields to login:
 - Username Field:** An input field labeled "Username".
 - Password Field:** An input field labeled "Password".
 - Checkboxes:** A "Remember Me" checkbox with a checked mark and a link for users who forgot their password.
 - Buttons:** A blue "LOGIN" button and a smaller "LOGOUT" button.
- Page Footer:** Powered by Yii Framework
- System Footer:** Icons for search, file, and other system functions, along with the date and time (1:03 AM, 12/16/2016).

The screenshot shows a web application interface for 'RDC - DMS'. A modal dialog box is open in the center, titled 'New Test Project'. The dialog has a dark background and contains the following elements:

- A large input field labeled 'Project Name' with the placeholder 'TEST PROJE'.
- A green 'CREATE' button at the bottom right of the input field.
- A table below the input field with two columns: 'Name' and 'Actions'.
- Under the 'Name' column, there are four entries: 'Test Project' (with a 'Create' button), 'Test Project 2' (with a 'Create' button), 'Test Project 3' (with a 'Create' button), and 'Acceptance' (with a 'Create' button).
- At the bottom right of the dialog, the text 'End of test projects' is displayed.

The background of the application shows a navigation bar with links like 'Twitter', 'Facebook', 'MSP PH H2 Consultation', 'Course: Applied Project', 'Test Projects', and 'Logout (USERONE)'. The footer of the application includes the text 'Powered by Yii Framework' and a copyright notice: '© Research Development Center, ASCOM, PA 2016'.

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

Directive

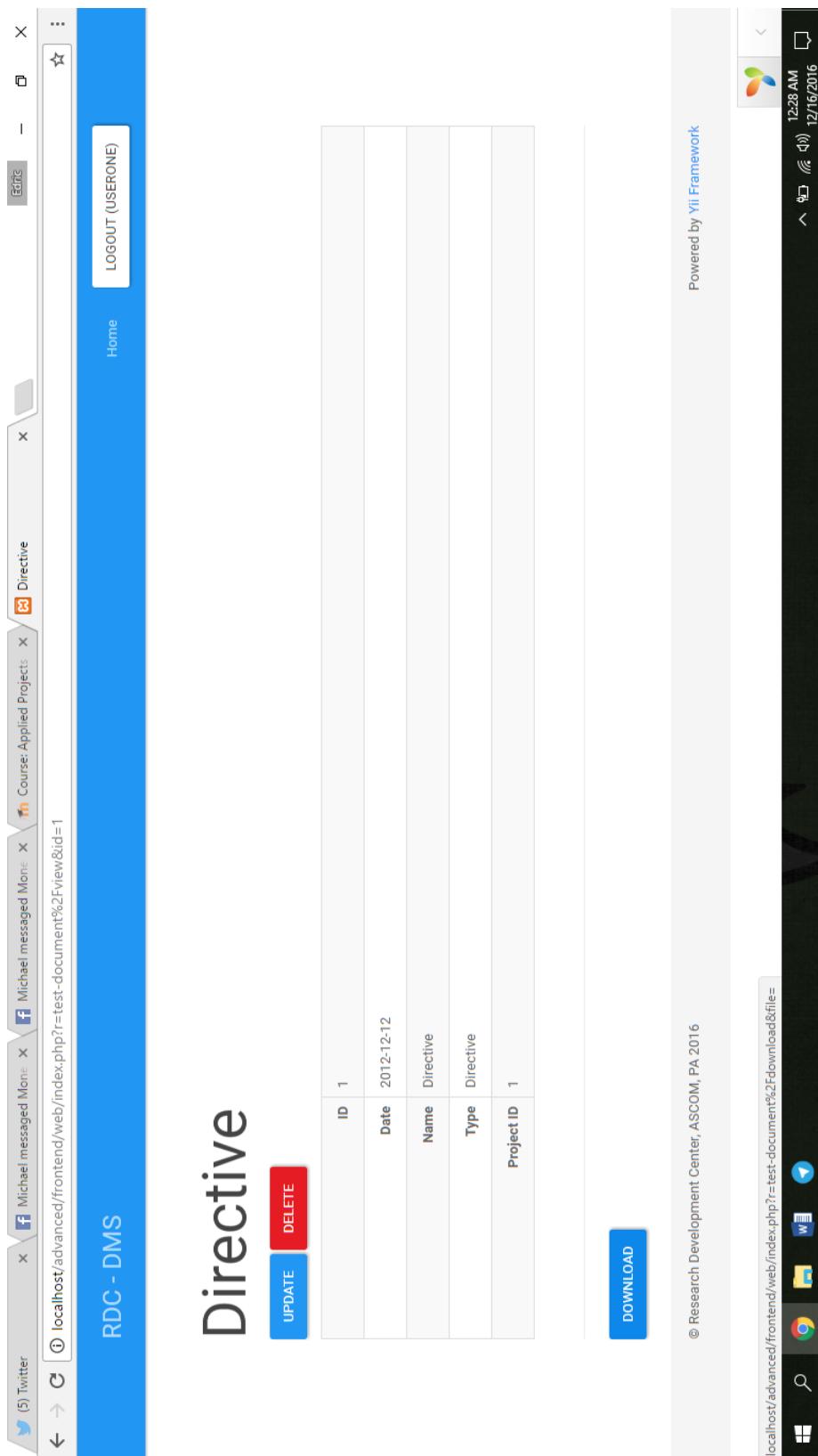
[UPDATE](#)
[DELETE](#)

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

[DOWNLOAD](#)

Powered by Yii Framework

© Research Development Center, ASCOM, PA 2016



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RDC - DMS

Logout (USERONE)

Name	Type	Actions
> Filter	Filter	
> Test Project 1	Acceptance	Edit Delete View

Showing 1-15 of 15 items.

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

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

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

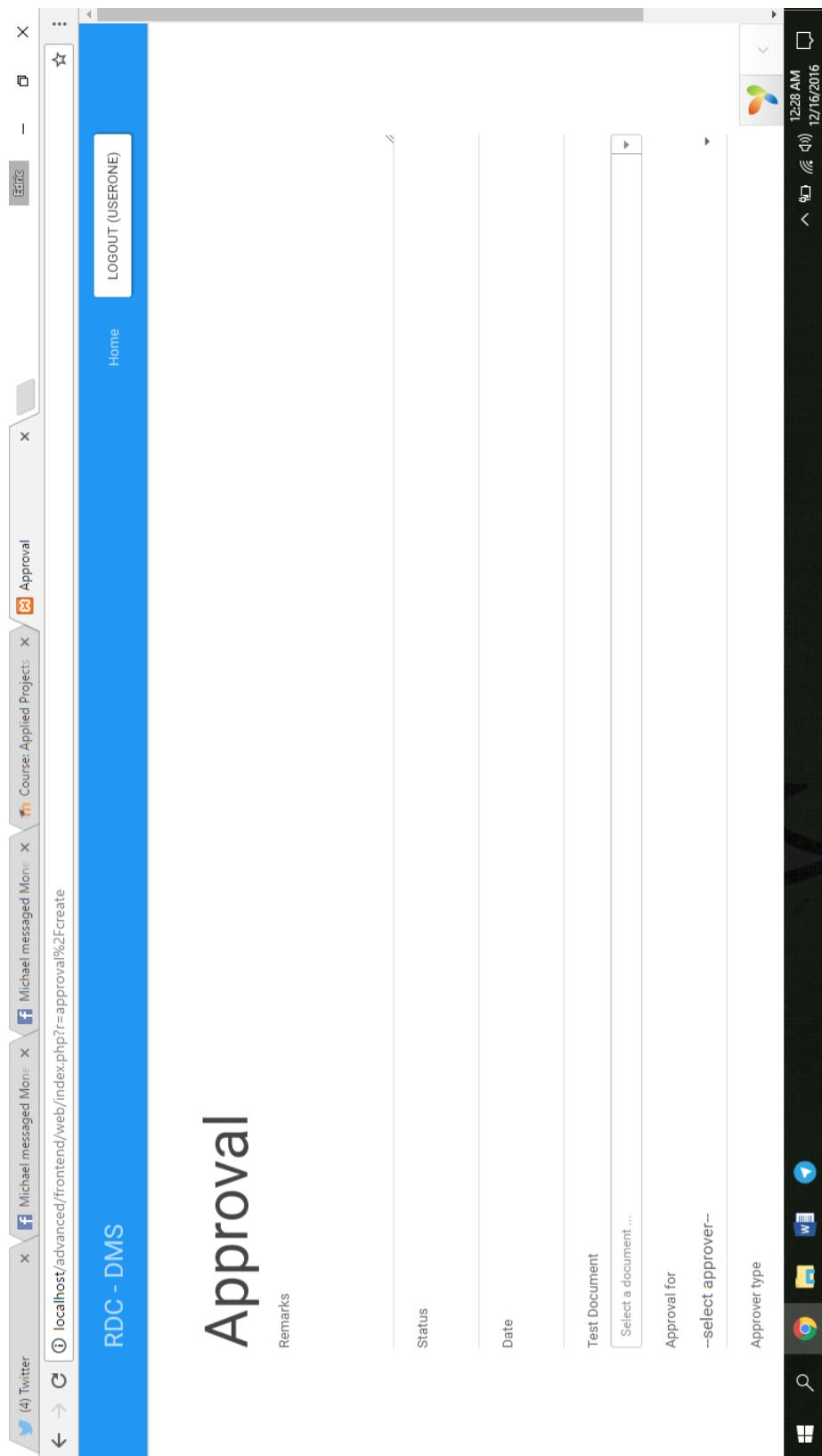
localhost/advanced/frontend/web/index.php?r=test-project

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". The form fields include:

- Name:** TEST PROJ
- Date:** (empty input field)
- Document name or title:** (empty input field)
- Enter title of document:** (empty input field)
- Document Type:** (empty dropdown menu with option "-none-")
- Choose type of document:** (empty dropdown menu with options: Test Proj, Test Project Folder, Test Project)
- please choose test project-**: A note indicating a required selection.
- Choose which test project this document is in:** (empty dropdown menu with options: Test Proj, Test Project Folder, Test Project)
- Upload file:** (empty input field) with a "Choose File" button and a note "No file chosen".
- End of test proj:** (empty input field)

At the bottom right of the form is a green "CREATE" button. To the right of the form, there is a sidebar with the text "powered by Yii Framework" and a logo. The sidebar also shows system status: "12:28 AM" and "12/16/2016". The browser's address bar at the top shows the URL "localhost/advanced/frontend/web/index.php?r=test-project".



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

Showing 1-3 of 3 items.

Name	Type	Actions
Test Project 1	Acceptance	

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	

Screenshot of a web browser showing a Yii Framework application titled "RDC - DMS". The URL 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	

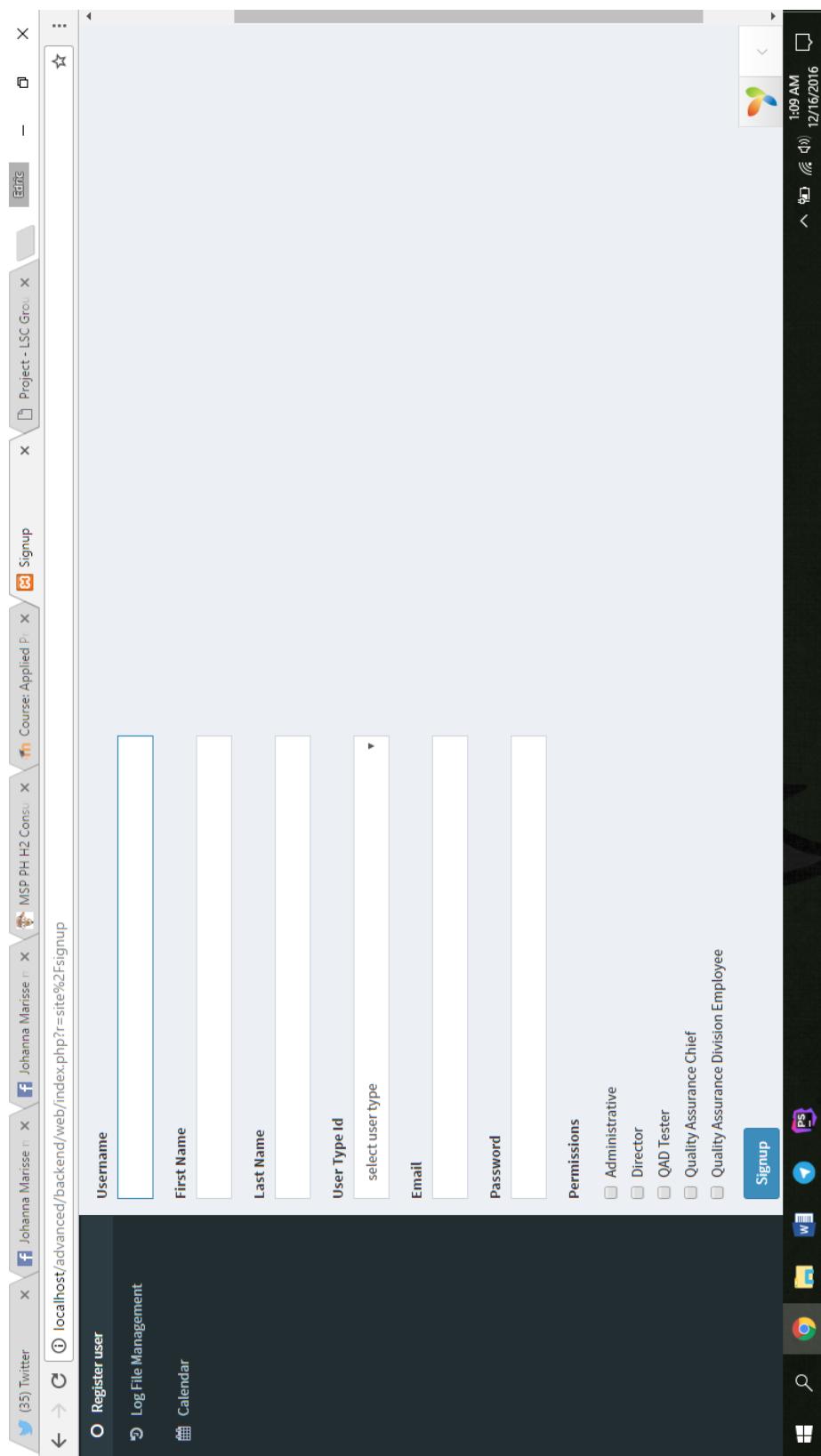
The browser's address bar shows multiple tabs, including "Twitter", "Facebook", "Money Shot - Messa", "Course: Applied Projects", and "Test Projects". The status bar at the bottom right shows "Powered by Yii Framework" and the date "12/16/2016 12:27 AM".

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
- Content Area:**
 - Section Header:** RDC, ASCOM, PA
 - Text:** Document Management System
 - Buttons:** CURRENT TEST PROJECTS, CALENDAR
- Footer:** A project developed by students of Asia Pacific College for the Research Development Center, ASCOM, PA
- Project Developers:**
 - Buan, Michael John
 - Caranto, Edric Jon Cleon
 - Carlos, Christian Aleck
- System Status:** 12:27 AM 12/16/2016

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

- Address Bar:** localhost/advanced/frontend/web/index.php?f=site%2Findex
- Header:** RDC - DMS
- Content:**
 - # RDC, ASCOM, PA
 - Document Management System
 - [LOGIN](#)
- Project Developers:**
 - Buan, Michael John
 - Caranto, Edric Jon Cleon
 - Carlos, Christian Aleck
- Footer:**
 - Powered by Yii Framework
 - © Research Development Center, ASCOM, PA 2016
 - Icons for Twitter, Facebook, Google+, and YouTube
 - Date and time: 12/27 AM 12/16/2016



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

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

Project Status Report

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

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: 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.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
• Bluemix	09/23/16	60%	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 Status Report

Project Risk Management Status				
Risk and Description	Risk Chance	Risk Impact	Risk Priority	Change from Last Review

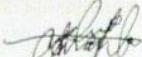
Project Issue Management Status				
Issue and Description	Project Impact	Target Due Date	Issue Status	Issue Resolution

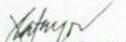
Project Recommendations				
<p>The group should consult to their adviser and professor more often to ensure everything is on the right track. Also, to consult issues to the advisers for possible resolutions of issues.</p>				

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

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

Project Status Report**3 PROJECT STATUS REPORT APPROVALS**


Prepared by Edric Jon Cleon B. Caranto
Project Manager


Approved by Mr. Jacob Catayoc
Project Advisor

Client Sponsor

Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

•—————•

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">• Bluemix Web Application Hosting continuation• Backend module continuation

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ProgressReportWK1.docx
Last printed on 10/3/2016 1:44:00 PM

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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- 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
• 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

- The web application needs to be finished

Related Project Information

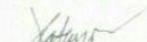
- Here are related project information for this project
 - Request for panel form
 - Screenshots for the proposed system
 - Site
 - Project Charter

http://projects2.apc.edu.ph/wiki/index.php/Project_Graphical_Restaurant_Reservation_System

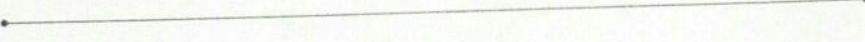
Project Status Report

3 PROJECT STATUS REPORT APPROVALS

Prepared by 
Edric Jon Cleon B. Caranto
Project Manager

Approved by 
Mr. Jacob Catayoc
Project Advisor

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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

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

- 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: 10/10/16 – 10/14/16	
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.			
Milestone Deliverables performance reporting over last period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 1			
Milestone Deliverables scheduled for completion over next period			
Milestone Deliverables	Due Date	% Completed	Deliverable Status
Milestone 2			
• Project Vision and Scope	10/14/16	30%	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

- 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

Project Status Report

3 PROJECT STATUS REPORT APPROVALS

Prepared by 
Edric Jon Celoy B. Caranto
Project Manager

Approved by 
Mr. Jacob Catayoc
Project Advisor

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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">Project Vision and Scope

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ProgressReportWK1

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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
 - 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: 10/14/16 – 10/17/16	
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

Project Status Report

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

Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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"> • Project Vision and Scope • WBS • Activity List

Confidential

wk5

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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:	Date:	Reporting Period:			
Michael Buan	10/22/16	10/17/16 – 10/21/16			
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					
Milestone Deliverables performance reporting over last period					
Milestone Deliverables	Due Date	% Completed	Deliverable Status		
Milestone 1					
• Project Vision and Scope	10/18/16	95%	On Schedule		
Milestone Deliverables scheduled for completion over next period					
Milestone Deliverables	Due Date	% Completed	Deliverable Status		
Milestone 2					
• WBS	10/21/16	20%	On Schedule		
• Activity list	10/21/16	20%	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					
Project Vision and Scope WBS and Activity list	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				
<ul style="list-style-type: none"> • Project Vision and Scope must be finalized • WBS and Activity list must be finalized 				

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

Project Status Report

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: 2016.10.24 00:13:41
+0800

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

Week 6



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">WBSActivity List

Confidential

wkB

Last printed on 10/30/2016 11:36:00 PM

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: 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				
Milestone Deliverables performance reporting over last period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• WBS	10/23/16	100%	On Schedule	
Milestone Deliverables scheduled for completion over next period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• Activity list	10/23/16	100%	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				
WBS and Activity list	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

- 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

Project Status Report

3 PROJECT STATUS REPORT APPROVALS

Prepared by 
Edric Jon Glenn B. Caranto
Project Manager

Approved by Mr. Jacob Catayoc
Project Advisor

Client Sponsor

Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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"> • SRS • System development

Confidential

wk7

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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: 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				
Milestone Deliverables performance reporting over last period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• SRS	11/14/16	80%	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				
System Requirements specification	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
-				
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"> • WBS and Activity list finalized 				
Related Project Information				
<ul style="list-style-type: none"> • Below are related project information for this project <ul style="list-style-type: none"> ◦ Wiki page <ul style="list-style-type: none"> ▪ http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_AFP_Library_System_-_103 				

Project Status Report

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

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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">• CMP• ERD• System Update

Confidential

wk8

Last printed on 11/17/2016 9:39:00 PM

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: 11/17/16	Reporting Period: 11/14/16 – 11/17/16		
Project Overall Status: Finished ERD,CMP and System Update				
Project Summary: The project team finished ERC and CMP				
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				
• ERD	11/14/16	100%	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				
System Requirements specification	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

Project Status Report

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



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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">CMP finalizeQuality Plan (draft)System Update

Confidential

wk9

Last printed on 11/25/2016 2:46:00 PM

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

Project Status Report

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

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

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">• Proofread documents• Finalize all documents• System Update

Confidential

wk10

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

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: 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.				
Milestone Deliverables performance reporting over last period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 1				
• Finalize Documents	12/14/16	100%	On Schedule	
Milestone Deliverables scheduled for completion over next period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 2				
• Proofread Documents	12/14/16	80%	On Schedule	
Milestone Deliverables scheduled for completion over next period				
Milestone Deliverables	Due Date	% Completed	Deliverable Status	
Milestone 3				
• System Update	12/14/16	90%	On Schedule	
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

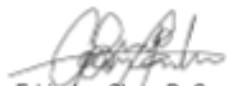
Related Project Information

- Below are related project information for this project
 - Wiki page
 - http://projects2.apc.edu.ph/wiki/index.php/Project_-_RDC_AFP_Library_System_-_103

Project Status Report

3 PROJECT STATUS REPORT APPROVALS

Prepared by



Eric Jon Cleon B. Caranto
Project Manager

Digital signature verification details:
Digitally signed by Jacob A. Catayoc
Date: 2016.12.04 11:32:34
+08'00'

Approved by


Mr. Jacob Catayoc
Project Advisor

Client Sponsor



Project Status Report

4 APPENDICES

4.1 Document Guidelines

4.2 Project Status Report Sections Omitted

Curriculum-Vitae



Edric Jon Cleon Caranto
AOA4DR2, Paoville, Fort Bonifacio, Taguig City
(+63)995 143 0787
ebcaranto@student.apc.edu.ph

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



Michael John Buan
610-B Gamban St. Cabrera, Pasay City
(+63)9770079646
msbuan@student.apc.edu.ph

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



Christian Aleck S. Carlos
#54 C M.L Quezon St. New Lower Bicutan, Taguig City
09359699653
cscarlos@student.apc.edu.ph

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