**System Flowchart**

Start

Log in Page

Log in?

Input Username and Password

Validating

Input Username and Password

a

Does the user exist?

Admin Dashboard

Log out?

End

Teacher Information

Claimed Documents

Activity Log

Archive

System Settings

a

a

Teacher Information

No longer in school

Student Documents

Dashboard

NO

YES

NO

NO

YES

YES

NO

YES

**Figure 1**. System Flowchart

**Program Flowchart Log in**

Start

Log in Page

Log in?

Input Username and Password

Validating

Input Username and Password

Does the user exist?

Admin Dashboard

Log out?

End

YES

YES

YES

NO

NO

NO

YES

NO

**Figure 2. Program Flowchart Log in**

**Figure 2.** Program Flowchart “Log in”

**Program Flowchart Dashboard**

B

List of Student Information

Add Student?

Print Student list?

NO

NO

List of Student Information

YES

Input

Information

Save?

Successfully Save

List of Student Information

NO

b

List of Student Information

YES

b

Print

b

b

YES

**Figure 4**. Program Flowchart “Dashboard”

Select Student Info?

B

List of Student Information

Student Information Selection

Selected Student Info

Select Student Info again?

YES

NO

Grade Summary?

Select Student Name?

Grade Summary

b

Selected Student Name

YES

b

NO

Select Kindergarten to Grade 6?

Selected Kindergarten to Grade6

b

NO

Select Kindergarten to Grade 6?

Selected Kindergarten to Grade6

YES

b

NO

Filter?

b

NO

Viewed the Gwa of the Student

b

YES

YES

YES

YES

**Figure 4.1**. Program Flowchart “Grade Summary”

Download Document?

Archive student Document?

Document?

Upload Document

List of all Documents

Select Status?

List of all Documents

Input Information and status

Successfully Save

Save?

List of all Documents

Downloaded

Document

Successfully Downloaded

Confirm to Archive?

Archive

List of all Documents

b

B

List of Student Information

Select Student Info?

Student Information Selection

b

Selected Student Info

Select Student Info again?

Print student Document?

YES

YES

YES

YES

YES

YES

YES

YES

NO

NO

NO

NO

NO

NO

List of all Document

YES

Print

Document

Printed

Successfully

List of all Documents

NO

List of all Documents

**Figure 4.2**. Program Flowchart “Dashboard Student Document”

YES

YES

YES

NO

YES

NO

YES

NO

YES

NO

B

List of Student Information

Student Information Selection

Selected Student Info

Select Student Info again?

Select Student Info?

b

Update Student Info?

Update

Student Information

Input

Changes

Save?

List of Student Information

Updated Information

b

Archive Student Info?

Confirm to Archive?

List of Student Information

Archive

b

B

NO

**Figure 4.3**. Program Flowchart “Dashboard Update Information and

Archive Information”

**Program Flowchart Techer Information**

C

List of Teacher Information

c

Add Teacher?

Update

Teacher Info?

Archive

Teacher Info?

Print

Teacher Info?

C

List of Teacher Information

Input

Information

Save?

List of Teacher Information

Successfully Save

c

Update Teacher Information

Input

Changes

Save?

List of Teacher Information

Updated Information

c

Confirm to Archive?

Archive

c

List Teacher Information

c

Print

List of Teacher Information

NO

YES

YES

NO

YES

YES

NO

YES

YES

NO

NO

NO

NO

YES

**Figure 5.** Program Flowchart “Teacher Information”

**Program Flowchart Claimed Documents**

D

List of all claimed Documents

d

Download Document?

Archive Document?

Print Document?

D

NO

NO

NO

YES

d

Confirm to Archive?

YES

Archive

YES

d

Print Document

YES

Downloaded

Document

d

List of all claimed Documents

NO

**Figure 6**. Program Flowchart “Claimed Documents”

**Program Flowchart Activity Log**

E

View Activity Log

Activity Log

E

**Figure 7.** Program Flowchart “Activity Log”

**Program Flowchart Archive**

F

No longer in School?

List in Archive

f

Teacher?

Documents?

F

NO

NO

NO

Show the list of no longer in School

YES

Show the list of Teacher Information

YES

Show the list of Documents

YES

Student Info selection

selected Student Info

Select Student Info?

YES

Select Student Info again?

Restore

Restore Student Information?

NO

f

NO

Restored

YES

YES

Select Teacher Info?

Teacher Info selection

YES

selected Teacher Info

Select Teacher Info again?

Restore

NO

Restore Teacher Info?

Restored

YES

f

NO

Select Documents?

Documents selection

YES

YES

selected Documents

Select documents again?

YES

Restore

NO

Restore Documents?

Restored

YES

f

NO

List of all Documents

List of Teacher Information

List of Student Information

**Figure 8.** Program Flowchart “Archive”

**Program Flowchart System Settings**

G

System Settings

g

System Information Update Form

Update?

NO

Input

Changes

YES

Save?

g

NO

Updated

YES

Log out?

End

YES

g

NO

**Figure 9**. Program Flowchart “System Settings”

**Context Diagram**

Web-based School Record Management and Document Archiving System

Administrator

Add Student Information

Update Student Information

Upload Student Document Documet

View Student Document

Archive Student Document Documet

Archive Student Information

Restore Student Information

Download Student Document

Print Student Document

Restore Student Document Documet

Add Teacher Information

Print List of Teacher Information

View Teacher Information

Update Teacher Information

Archive Teacher Information

Restore Teacher Information

Print List of all Student Information

Update System Information

View General Average of Student

Print General Average of Student

View Admin Activity

**Figure 10.** Context Diagram

**Data Flow Diagram**

Administrator

Log in

Input Username

and Password

Database

Administrator

Account Details

Check

Administrator

Student Information

Student Document

Teacher Information

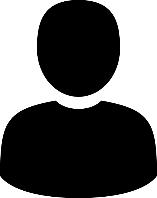
Archive

System Settings

**Use Case Diagram**

**Web-Based School Record Mnagement and Document**

**Archiving System for Tanauan II Central School**

****

Admin

**Figure 13**. Use Case Diagram

|  |  |
| --- | --- |
|  | **teacher** |
|  | id |
|  | stud\_id |
|  | name |
|  | gender |
|  | bday |
|  | marital |
|  | advisory |
|  | level |
|  | contact |
|  | address |
|  | status |
|  | is\_archive |

**Database Design**

|  |  |
| --- | --- |
|  | **users** |
|  | id |
|  | fisrtname |
|  | lastname |
|  | username |
|  | password |
|  | avatar |
|  | last\_login |
|  | type |
|  | date\_added |
|  | date\_updated |

|  |  |
| --- | --- |
|  | **teacher** |
|  | id |
|  | teacher\_id |
|  | name |
|  | gender |
|  | bday |
|  | marital |
|  | advisory |
|  | level |
|  | contact |
|  | address |
|  | status |
|  | is\_archive |

|  |  |
| --- | --- |
|  | **system\_infos** |
|  | id |
|  | user\_id |
|  | meta\_field |
|  | meta\_value |

|  |  |
| --- | --- |
|  | **file\_up** |
|  | file\_id |
|  | stud\_id |
|  | file\_name |
|  | status |
|  | file\_size |
|  | file\_path |
|  | upload\_date |
|  | is\_archive |

|  |  |
| --- | --- |
|  | **stud\_info** |
|  | id |
|  | lrn |
|  | name |
|  | gender |
|  | birthdate |
|  | grade |
|  | section |
|  | address |
|  | adviser |
|  | school\_year |
|  | status |
|  | average |

|  |  |
| --- | --- |
|  | **archive\_docs** |
|  | id |
|  | file\_id |
|  | stud\_id |
|  | file\_name |
|  | file\_path |
|  | upload\_date |
|  | status |
|  | is\_archive |

|  |  |
| --- | --- |
|  | **archive\_infos** |
|  | id |
|  | stud\_id |
|  | lrn |
|  | name |
|  | gender |
|  | birthdate |
|  | grade |
|  | section |
|  | address |
|  | adviser |
|  | school\_year |
|  | status |

|  |  |
| --- | --- |
|  | **folders** |
|  | id |
|  | stud\_id |
|  | folder\_name |
|  | created\_at |
|  | Updated\_at |

|  |  |
| --- | --- |
|  | **log\_status** |
|  | id |
|  | file\_id |
|  | receiver\_name |
|  | date\_received |
|  | timestamp |
|  | is\_archive |

|  |  |
| --- | --- |
|  | **files** |
|  | id |
|  | stud\_id |
|  | folder\_id |
|  | file\_name |
|  | file\_path |
|  | created\_at |
|  | updated\_at |

|  |  |
| --- | --- |
|  | **activity\_log** |
|  | id |
|  | user\_id |
|  | action |
|  | student\_id |
|  | timestamp |