

Manual for using Online Student Survey

This Online Student Survey is developed for school to administer NSS student survey. The system is written in php and run at a server or workstation with the installation of Apache and MySQL. The system is free to edit to suit the needs of different school situations.

A. Installation

Choose one workstation which is connected to the school network to act as a web server.

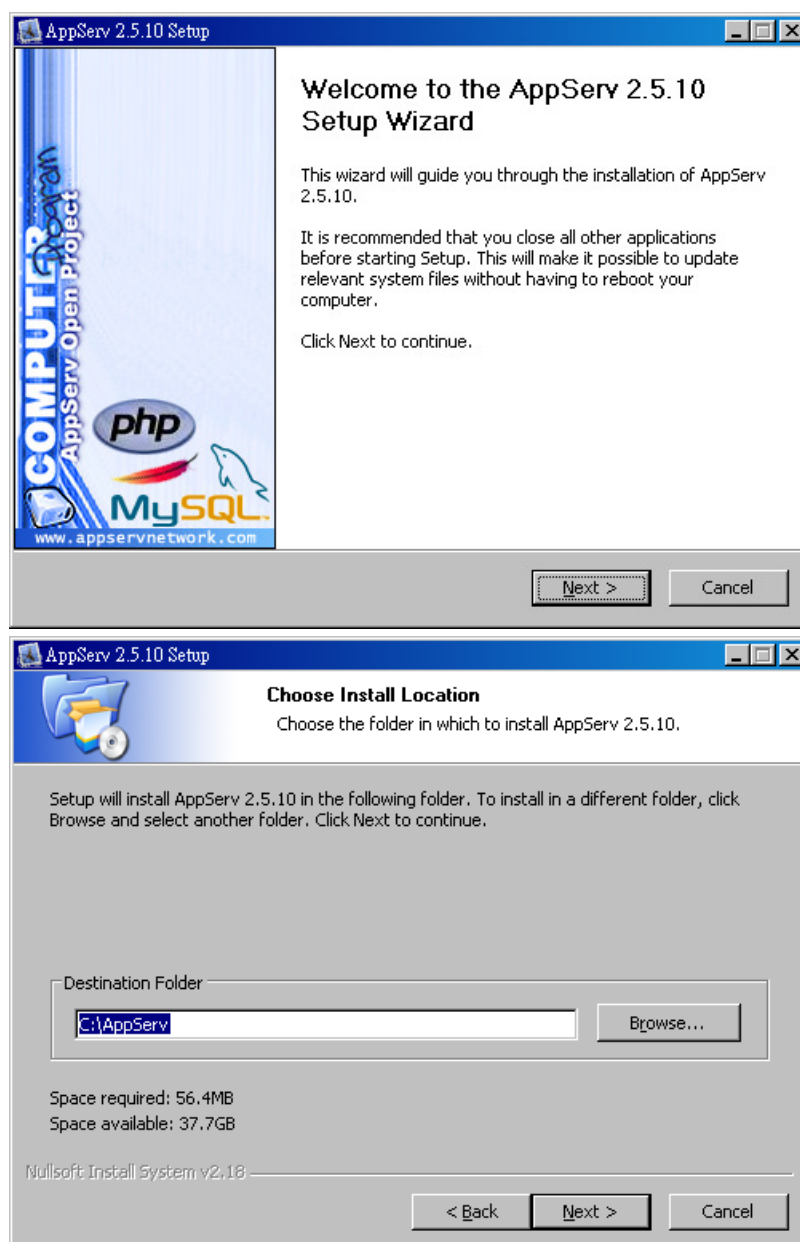
Download “AppServ 2.5.10” from the following:

<http://prdownloads.sourceforge.net/appserv/appserv-win32-2.5.10.exe?download>

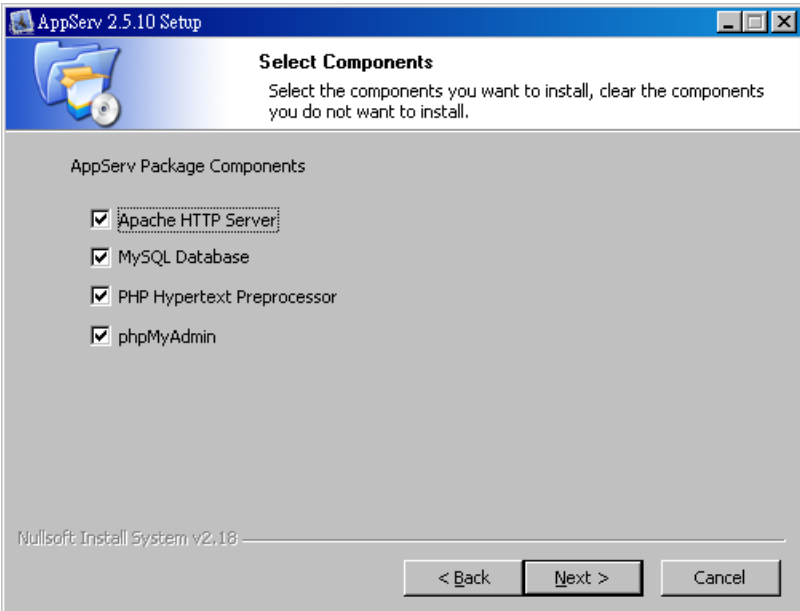
For more details about AppServ, you may refer to

<http://www.appservnetwork.com/index.php>

Run “appserv-win32-2.5.10.exe”



Select all options



AppServ 2.5.10 Setup

Select Components
Select the components you want to install, clear the components you do not want to install.

AppServ Package Components

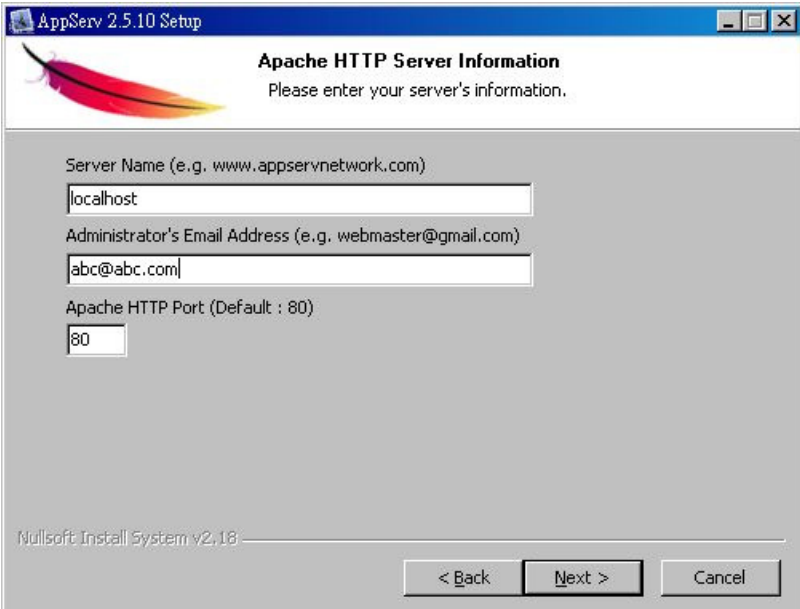
- ☒ Apache HTTP Server
- ☒ MySQL Database
- ☒ PHP Hypertext Preprocessor
- ☒ phpMyAdmin

Nullsoft Install System v2.18

< Back Next > Cancel

Type "localhost" as the
Server Name.

Type the administrator's
email address.



AppServ 2.5.10 Setup

Apache HTTP Server Information
Please enter your server's information.

Server Name (e.g. www.appservnetwork.com)
localhost

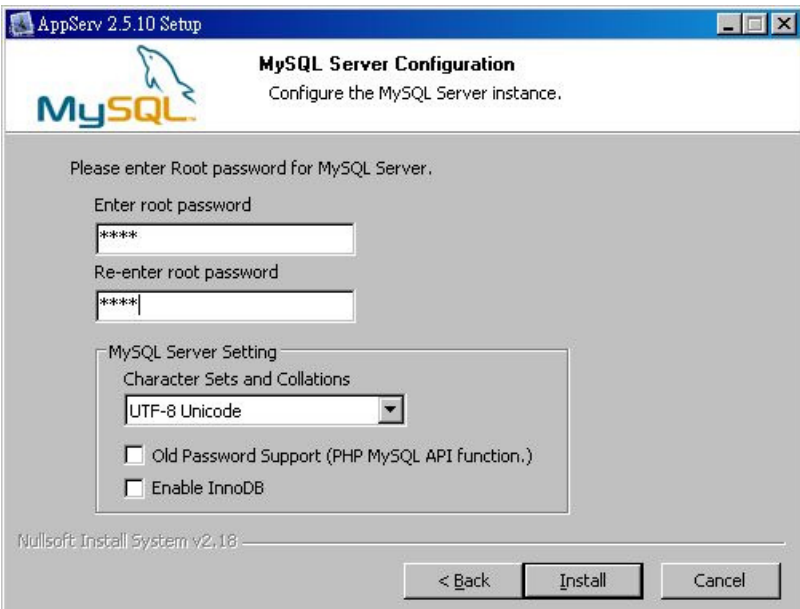
Administrator's Email Address (e.g. webmaster@gmail.com)
abc@abc.com

Apache HTTP Port (Default : 80)
80

Nullsoft Install System v2.18

< Back Next > Cancel

Enter "root" as root
password



AppServ 2.5.10 Setup

MySQL Server Configuration
Configure the MySQL Server instance.

Please enter Root password for MySQL Server.

Enter root password

Re-enter root password

MySQL Server Setting

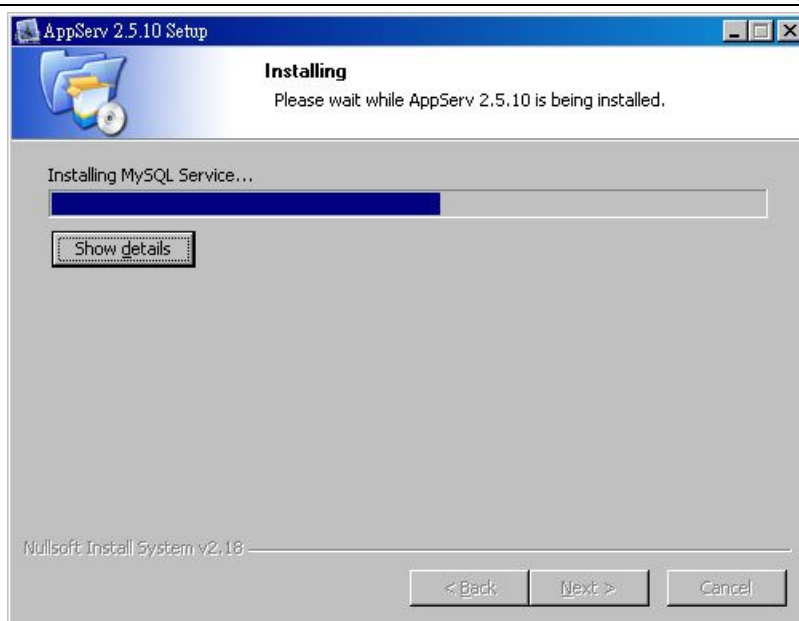
Character Sets and Collations
UTF-8 Unicode

☐ Old Password Support (PHP MySQL API function.)

☐ Enable InnoDB

Nullsoft Install System v2.18

< Back Install Cancel

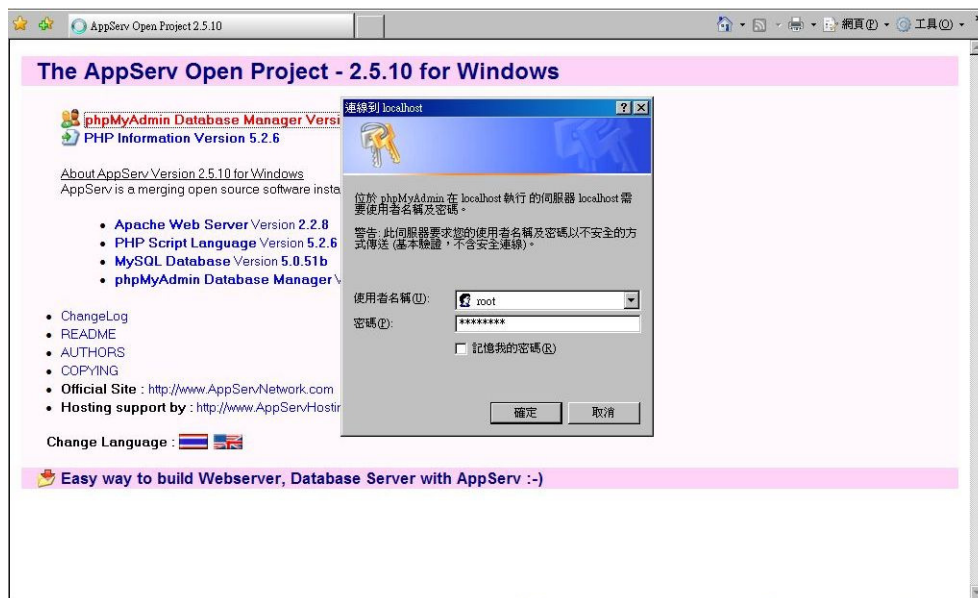
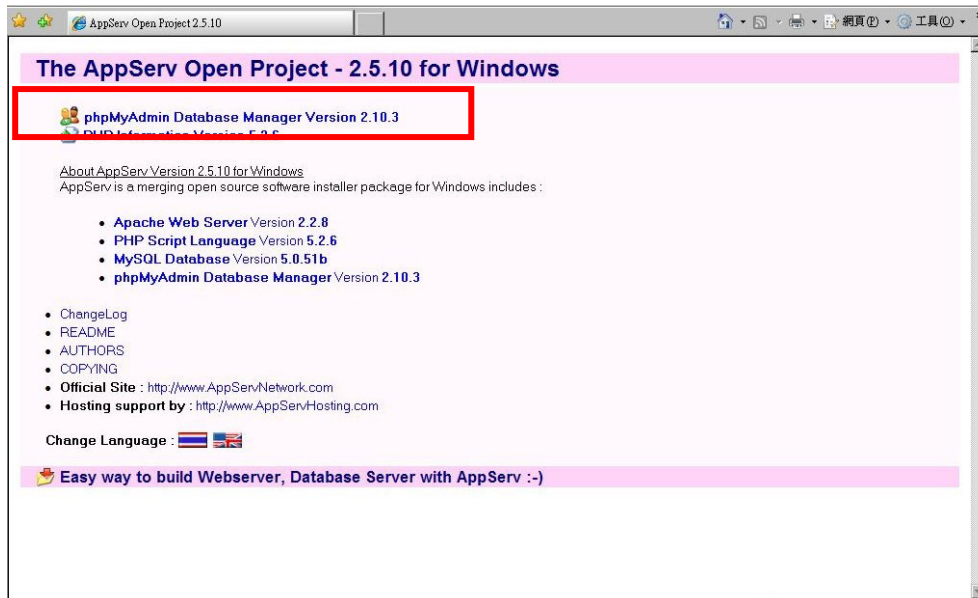


Extract the file sop_survey.zip (the file can be download at <http://sop.edb.hkedcity.net>)

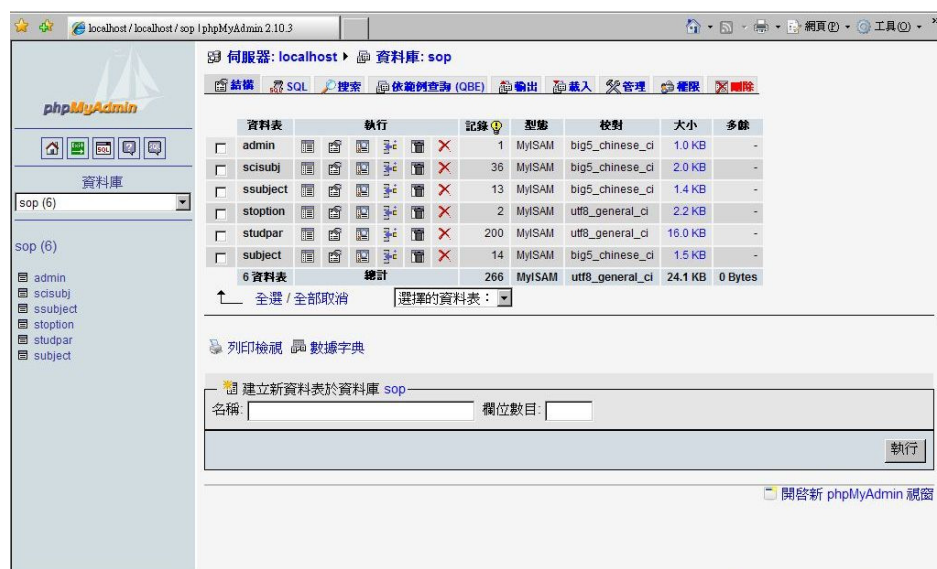
Copy the folder “data\sop” to “C:\AppServ\MySQL\data

Copy the folder “web\sop” to “C:\AppServ\www

Open the browser and type “http://localhost” to test if appserv is properly installed.



Check to see if the database “SOP” exists.

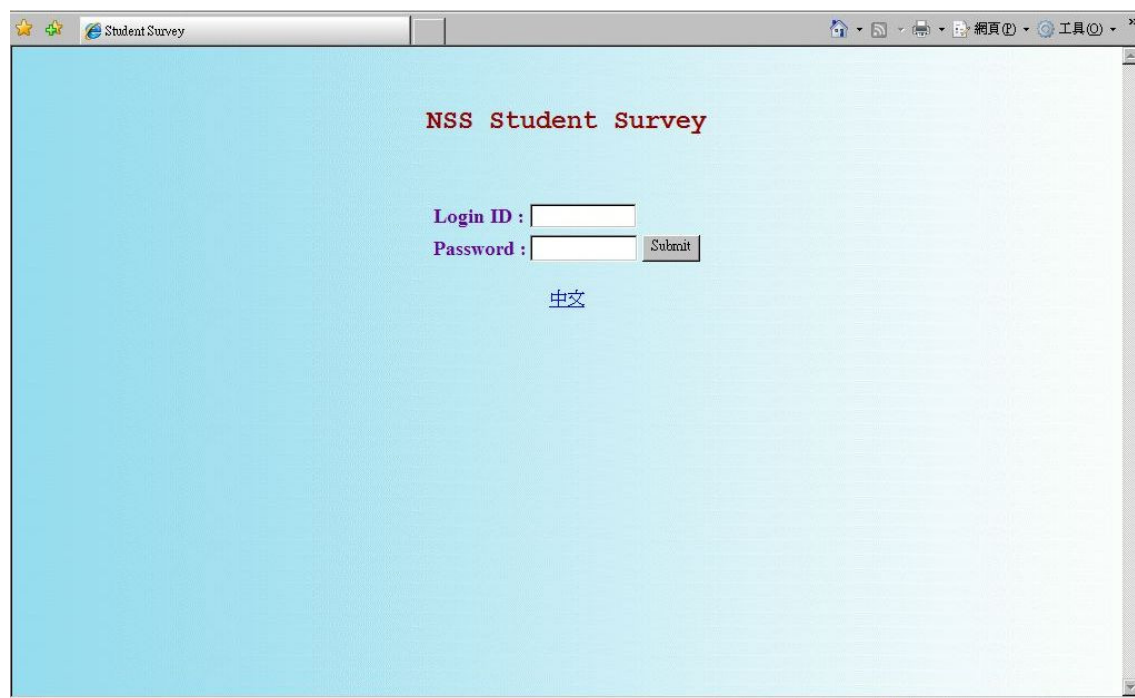


B. Admin Page

The homepage of the survey can be accessed at any workstations within the school campus by typing “http://xxx.xxx.xxx.xxx/sop” in the browser with “xxx.xxx.xxx.xxx” as the ip address of the workstation which has an installation of “AppServ”.

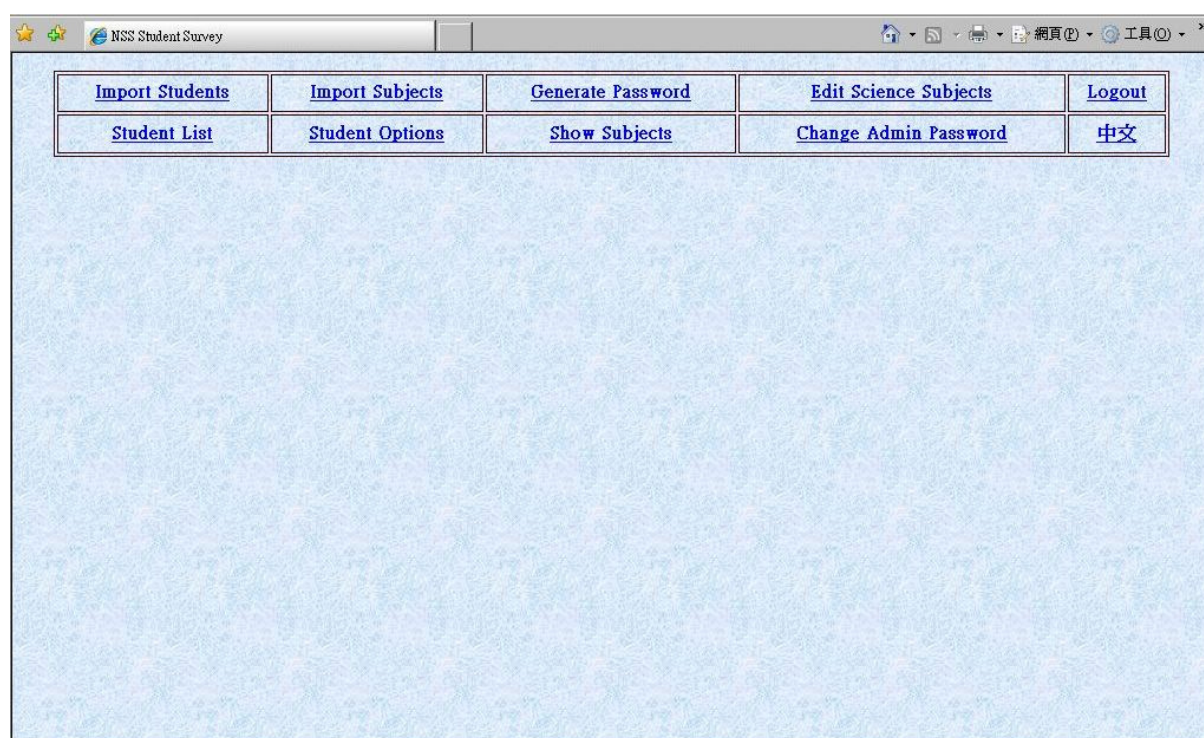
Login ID for administrator is “admin”. The default password is “password”. The system provides both the Chinese and English Interface.

Login Page



The screenshot shows a web browser window titled "Student Survey". The page has a light blue background. At the top center, the text "NSS Student Survey" is displayed in a dark red font. Below this, there are two input fields: "Login ID :" and "Password :". To the right of the "Password :" field is a "Submit" button. Below the input fields, there is a link labeled "中文" (Chinese).

Main Page for administrator



The screenshot shows a web browser window titled "NSS Student Survey". The page has a light blue background. At the top, there is a navigation bar with several buttons: "Import Students", "Import Subjects", "Generate Password", "Edit Science Subjects", "Logout", "Student List", "Student Options", "Show Subjects", "Change Admin Password", and "中文".

Import Student Particulars

Download the template Student.xls. Open the template and paste the corresponding data. Save and close the file and then import the file to the system.

Import Students | [Import Subjects](#) | [Generate Password](#) | [Edit Science Subjects](#) | [Logout](#)

[Student List](#) | [Student Options](#) | [Show Subjects](#) | [Change Admin Password](#)

You can import student data by

1. Using the excel file extracted from WEBSAMS, or
2. Download the file [Student.xls](#), paste the data and upload the file.

瀏覽...

Please note that all existing data will be erased after import!

Student.xls

	A	B	C	D	E	F	G	H	I	J	K	L
1	Student Number	Student Name	Gender	Class								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												

Import Subjects

Download the file Subject.xls. Open the file. In the column marked "OFFER", enter "1" for the subjects that your school is going to offer to your students. Save and close the file and import the file to the system.

STEPS:

1. Download the file [Subject.xls](#).
2. Open the file [Subject.xls](#) and enter "1" in the column marked "OFFER".
3. Save and close the file and upload it.

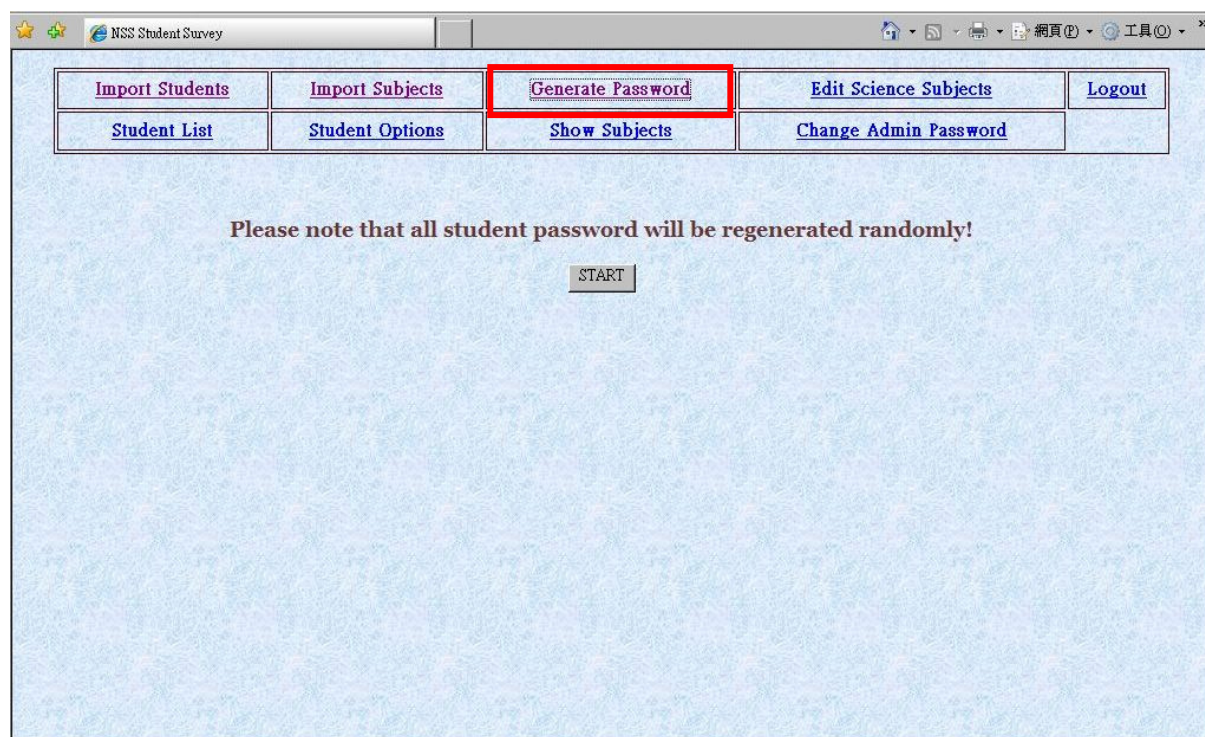
Please note that all existing student options will be erased after import!

Subject.xls

	A	B	C	D	E	F	G
1	Elective Subject Code	Short Name	Description	MOI	OFFER		
2	2SCI	2SCI	理科科目 Science Subjects	9	0		
3	BAFS1	企業	企業、會計與財務概論	1	1		
4	BAFS2	BAFS	Business, Accounting and Financial Studies	2	0		
5	BAFS3	企業*	企業、會計與財務概論 (普通話)	3	0		
6	BAFS9	BAFS*	Business, Accounting and Financial Studies (other language)	9	0		
7	BIO1	生物	生物	1	1		
8	BIO2	BIO	Biology	2	0		
9	BIO3	生物*	生物 (普通話)	3	0		
10	BIO9	BIO*	Biology (other language)	9	0		
11	C&B1	生化	科學：組合科學 (生物及化學)	1	0		
12	C&B2	C&B	Science: Combined Science (Biology and Chemistry)	2	0		
13	C&B3	生化*	科學：組合科學 (生物及化學) (普通話)	3	0		
14	C&B9	C&B*	Science: Combined Science (Biology and Chemistry) (other language)	9	0		
15	CHEM1	化學	化學	1	0		
16	CHEM2	CHEM	Chemistry	2	1		
17	CHEM3	化學*	化學 (普通話)	3	0		
18	CHEM9	CHEM*	Chemistry (other language)	9	0		
19	CHIS1	中史	中國歷史	1	0		
20	CHIS2	CHIS	Chinese History	2	0		
21	CHIS3	中史*	中國歷史 (普通話)	3	0		
22	CHIS9	CHIS*	Chinese History (other language)	9	0		
23	CLIT1	文學	中國文學	1	0		
24	CLIT2	CLIT	Chinese Literature	2	0		
25	CLIT3	文學*	中國文學 (普通話)	3	0		
26	CLIT9	CLIT*	Chinese Literature (other language)	9	0		

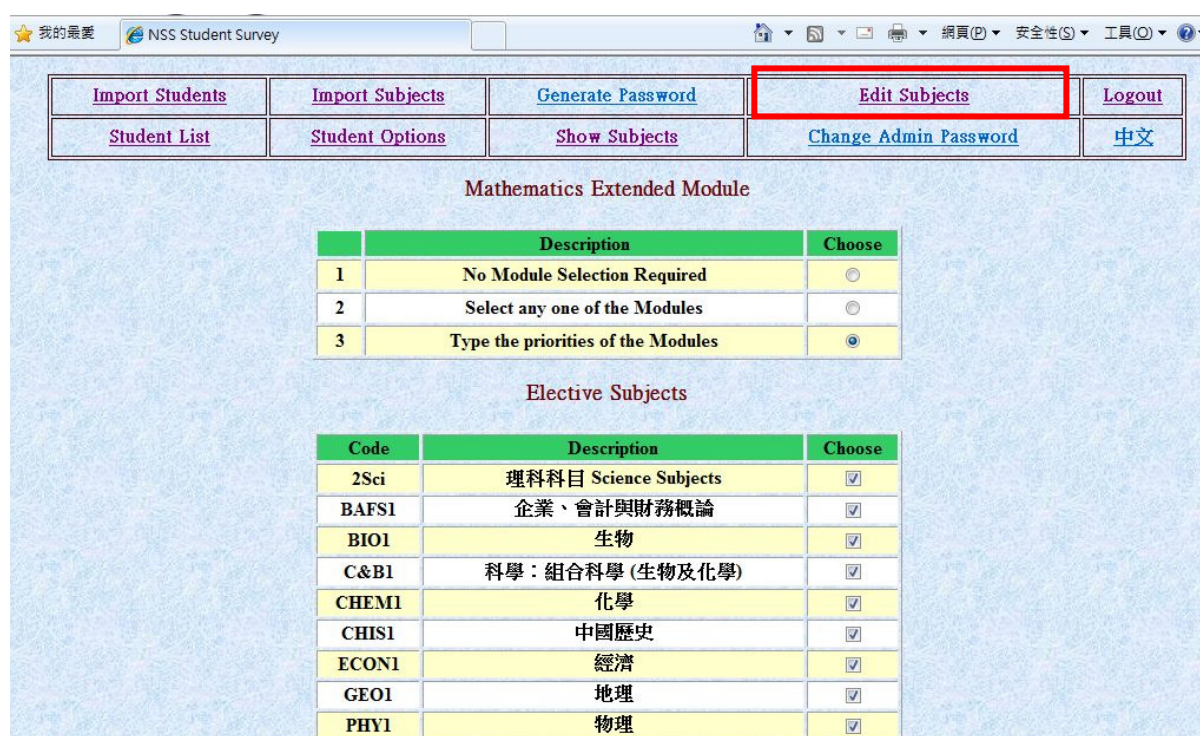
Generate Password

The default password of students is the same as their student number. You can generate the password of each student randomly.



Edit Subjects

The school can decide which subjects to be displayed to students and whether students have to choose the Mathematics extended module.



Student List

This is a list showing the names of students with their password and whether they have completed the survey. You can click “REDO” to allow students to redo the survey. You can add a new student, modify students' information or delete the student records. An excel file can be outputted for further use.

Import Students	Import Subjects	Generate Password	Edit Subjects	Logout
Student List	Student Options	Show Subjects	Change Admin Password	中文

[Output to Excel](#) [Add a student](#)

Student Number	Class	Class No	Name	Password	Done	--	--	--
0000046436	3A	1	CHAN XXX HO	0000046436	Y	REDO	MODIFY	DELETE
0000146436	3A	2	CHAN XXX HO	0000146436	N	REDO	MODIFY	DELETE
0000042632	3A	3	CHAN XXX MAN	0000042632	N	REDO	MODIFY	DELETE
0000089328	3A	4	CHAN XXX TAT	0000089328	N	REDO	MODIFY	DELETE
0000030957	3A	5	CHAN XXX TING	0000030957	N	REDO	MODIFY	DELETE
0000001094	3A	6	CHAN XXX TING	0000001094	N	REDO	MODIFY	DELETE
0000054686	3A	7	CHAN XXX WAH	0000054686	Y	REDO	MODIFY	DELETE
0000046236	3A	8	CHEUNG XXX WO	0000046236	N	REDO	MODIFY	DELETE
0000023582	3A	9	CHIU XXX MING	0000023582	N	REDO	MODIFY	DELETE
0000047689	3A	10	CHOW XXX WING	0000047689	N	REDO	MODIFY	DELETE
0000067829	3A	11	HO XXX HEI	0000067829	N	REDO	MODIFY	DELETE
0000046729	3A	12	HO XXX LUNG	0000046729	N	REDO	MODIFY	DELETE
0000014535	3A	13	IP XXX KIT	0000014535	N	REDO	MODIFY	DELETE
0000004869	3A	14	KONG XXX PING	0000004869	N	REDO	MODIFY	DELETE

Option List

This is a list to show the inputted options of students including the Mathematics Extended modules. An excel file can be outputted which can be used to import to SOP.

★ 我的最愛 NSS Student Survey

Import Students	Import Subjects	Generate Password	Edit Subjects	Logout
Student List	Student Options	Show Subjects	Change Admin Password	中文

[Output to Excel \(Maths Modules\)](#)

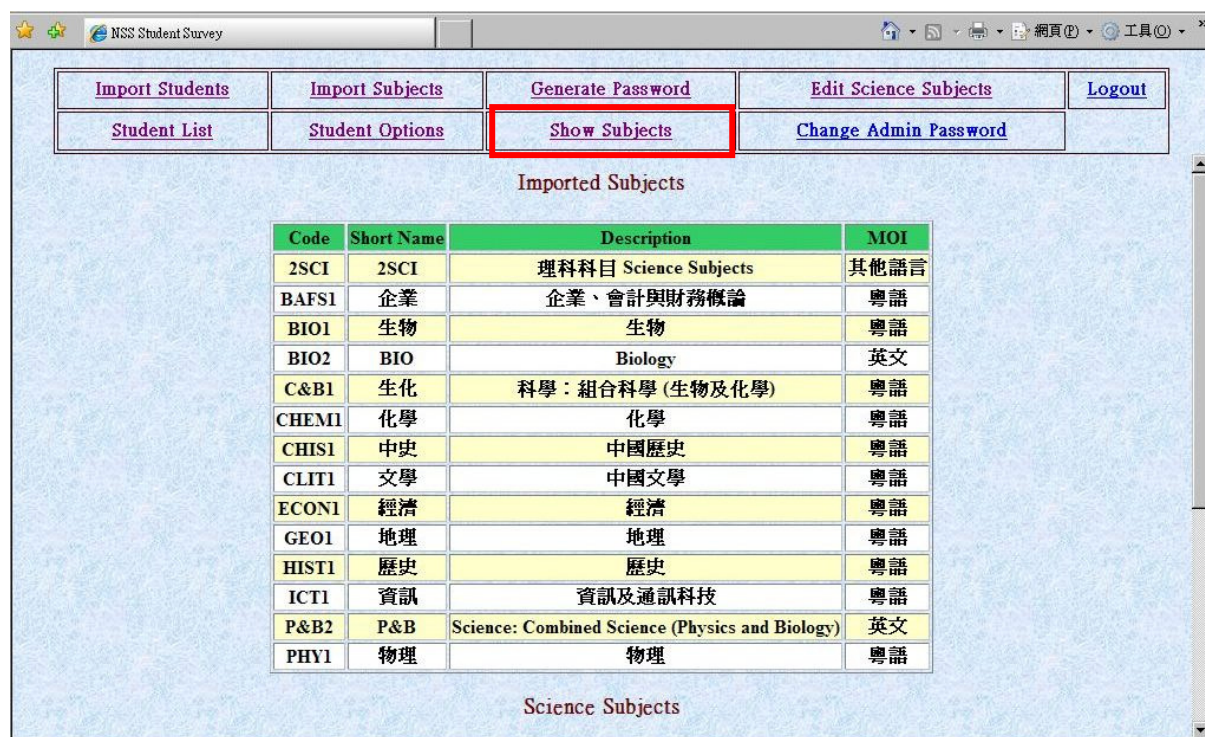
Student number	Class	Class No	Student Name	C	M1	M2
0000046436	3A	1	CHAN XXX HO	1	3	2
0000054686	3A	7	CHAN XXX WAH	1	2	3

[Output to Excel \(Elective Subjects\)](#)

Student number	Class	Class No	Student Name	2Sci	BAFS1	BIO1	C&B1	CHEM1	CHIS1	ECON1	GEO1	PHY1	VA1	C1+B1	P1+B1	P1+BC1	P1+C1	B1	BC1	C1
0000046436	3A	1	CHAN XXX HO	2	6	1	3	4	5	7	9	8	10	2	--	1	4	--	--	3
0000054686	3A	7	CHAN XXX WAH	--	2	4	6	8	9	1	3	5	7	--	--	--	--	--	--	

Subject List

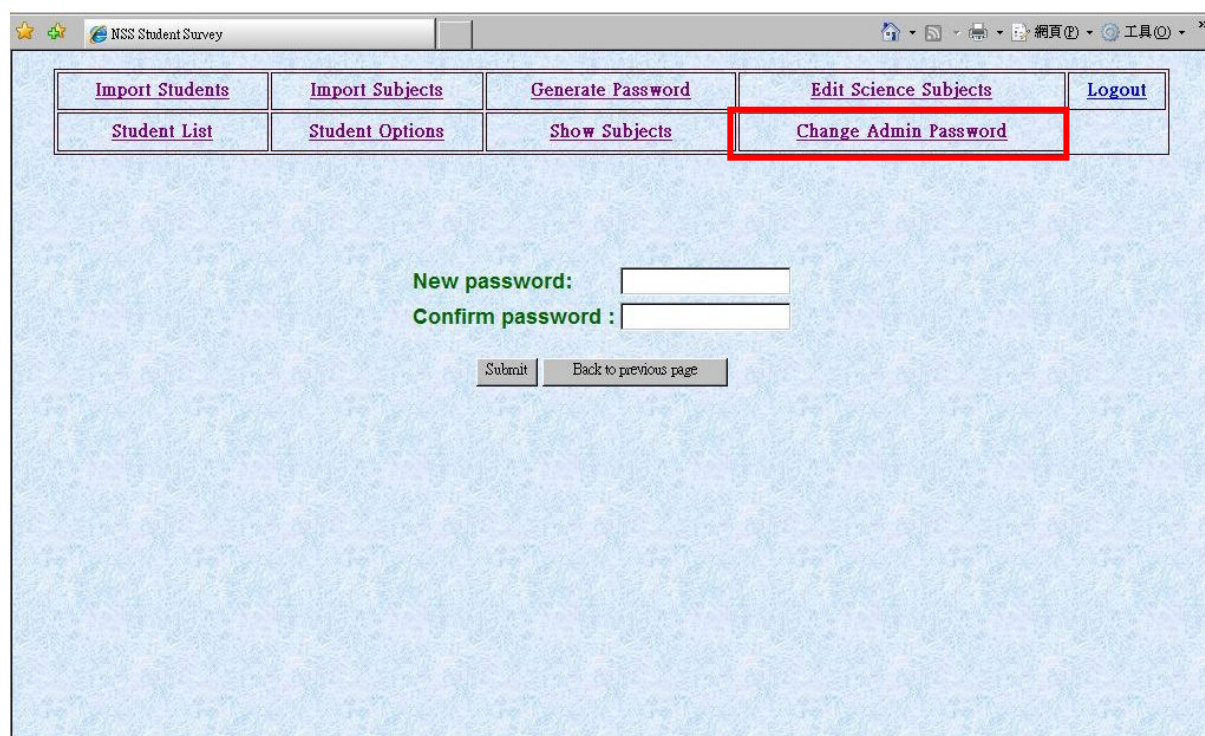
This is a list showing which subjects are imported and selected to be displayed for students to choose.



Code	Short Name	Description	MOI
2SCI	2SCI	理科科目 Science Subjects	其他語言
BAFS1	企業	企業、會計與財務概論	粵語
BIO1	生物	生物	粵語
BIO2	BIO	Biology	英文
C&B1	生化	科學：組合科學 (生物及化學)	粵語
CHEM1	化學	化學	粵語
CHIS1	中史	中國歷史	粵語
CLIT1	文學	中國文學	粵語
ECON1	經濟	經濟	粵語
GEO1	地理	地理	粵語
HIST1	歷史	歷史	粵語
ICT1	資訊	資訊及通訊科技	粵語
P&B2	P&B	Science: Combined Science (Physics and Biology)	英文
PHY1	物理	物理	粵語

Admin Password

Change the password of administrator.



New password:

Confirm password :

C. Student Page

The homepage of the survey can be accessed in any workstations within the school campus by typing “http://xxx.xxx.xxx.xxx/sop” in the browser with “xxx.xxx.xxx.xxx” as the ip address of the workstation which has an installation of “AppServ”.

Login ID for students are their own student number. The default password is the same as the student number.

Login Page

Main Page for students

Subject	MOI	Option
理科科目 Science Subjects	其他語言	1
企業、會計與財務概論	粵語	9
生物	粵語	7
Biology	英文	2
科學：組合科學 (生物及化學)	粵語	5
化學	粵語	11
中國歷史	粵語	8
中國文學	粵語	12
經濟	粵語	6
地理	粵語	13
歷史	粵語	14
資訊及通訊科技	粵語	3
Science: Combined Science (Physics and Biology)	英文	4
物理	粵語	10

Page for students to confirm their options

Please check your options clearly and click confirm!

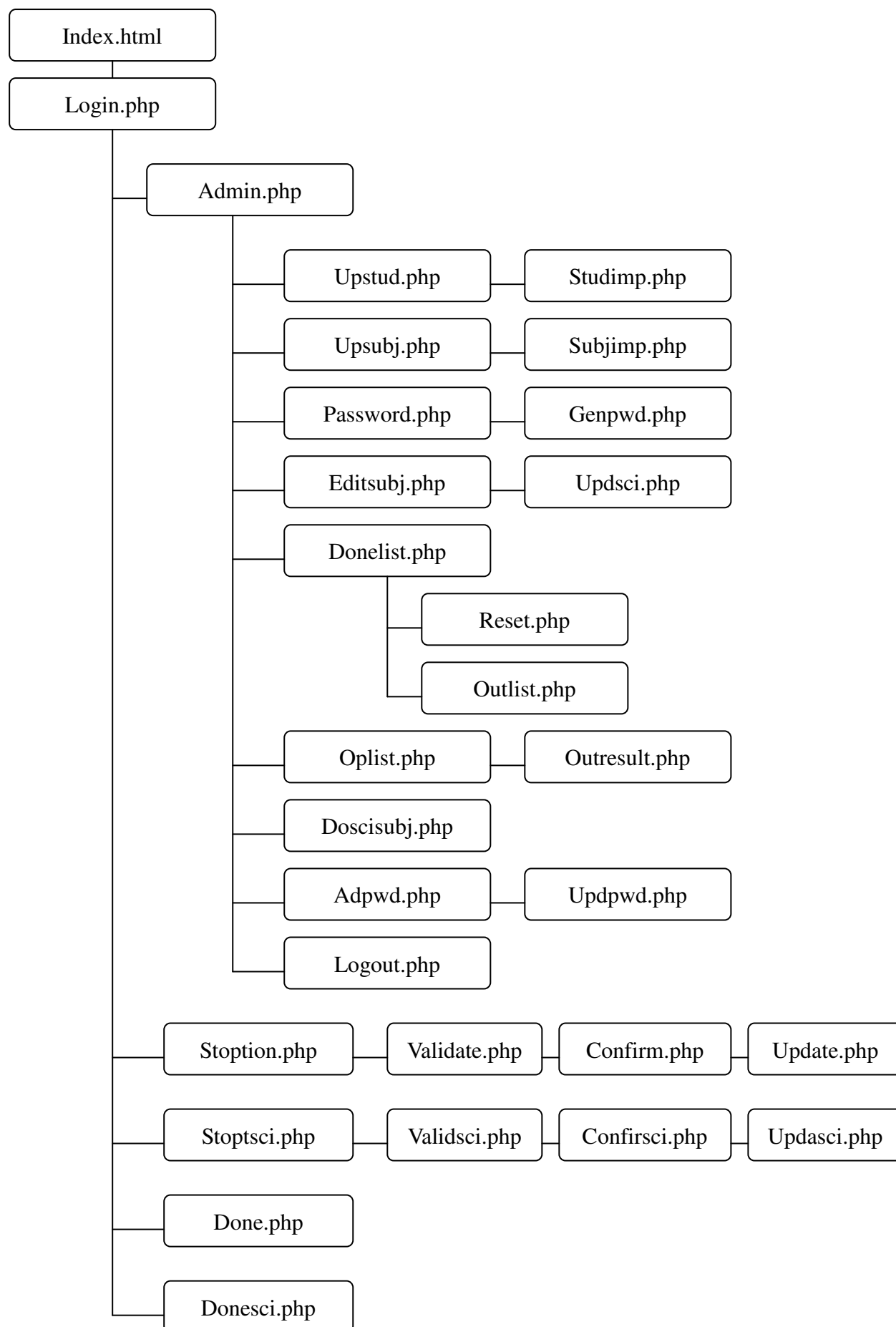
Class: 3A Name: CHAN XXX WAH Student Number: 0000054686

Elective Subjects

Subject	MOI	Option
理科科目 Science Subjects	其他語言	1
Biology	英文	2
資訊及通訊科技	粵語	3
Science: Combined Science (Physics and Biology)	英文	4
科學：組合科學 (生物及化學)	粵語	5
經濟	粵語	6
生物	粵語	7
中國歷史	粵語	8
企業、會計與財務概論	粵語	9
物理	粵語	10
化學	粵語	11
中國文學	粵語	12
地理	粵語	13
歷史	粵語	14

Updated!

[Back to Login Page!](#)

D. Program Flow (for Chinese interface, add “_c” after the filename, e.g. index_c.html)


E. Database Structure

Admin (store the password of administrator)

Field name	Type	Description
Pwd	Char(10)	Password of administrator
Math	Char(1)	Method of selecting Maths Ext. Modules

Math (store the students' options in selecting mathematics modules)

Field name	Type	Description
Stdid	Char(12)	Student number
M1	Char(1)	Option of M1
M2	Char(1)	Option of M2
Core	Char(1)	Option of Compulsory part

Scisubj (store all combinations of science subjects)

Field name	Type	Description
Code	Char(8)	Subject id
Name	Char(8)	Subject name
Des	Char(50)	Subject description
Used	Char(1)	Used by school or not

Subject (store all imported subjects)

Field name	Type	Description
Code	Char(8)	Subject id
Name	Char(8)	Subject name
Des	Char(50)	Subject description
Moi	Char(1)	Medium of instruction
Fid	Char(3)	Field id

SSubject (store all imported science subjects)

Field name	Type	Description
Code	Char(8)	Subject id
Name	Char(8)	Subject name
Des	Char(50)	Subject description
Moi	Char(1)	Medium of instruction
Fid	Char(3)	Field id
Show	Char(1)	Show as option or not

Stoption (store all students' options of elective subjects)

Field name	Type	Description
Stdid	Char(12)	Student number
S1	Char(2)	Option of subject 1
...

Studpar (store all student particulars)

Field name	Type	Description
Stdid	Char(12)	Student number
Name	Char(30)	Student name
Gender	Char(1)	Student gender
Class	Char(2)	Class of student
Rank	Char(3)	Rank of student
Elecno	Char(1)	Number of electives students take
Pwd	Char(10)	Password of students
Done	Char(1)	Students finish survey or not

F. Defining Site in Dreamweaver

Site Definition for sop


Basic Advanced

Category


- Local Info
- Remote Info
- Testing Server
- Cloaking
- Design Notes
- Site Map Layout
- File View Columns

Local Info

Site Name:

Local Root Folder: 

☒ Refresh Local File List Automatically

Default Images Folder: 

HTTP Address:

This address enables the Link Checker to detect HTTP links that refer to your own site.

Cache: ☒ Enable Cache

The cache maintains file and asset information in the site. This speeds up the Asset panel, link management, and Site Map features.

Site Definition for sop

Basic Advanced

Category


- Local Info
- Remote Info
- Testing Server
- Cloaking
- Design Notes
- Site Map Layout
- File View Columns

Testing Server

Server Model:

This site contains:

Access:

Testing Server Folder: 

☒ Refresh Remote File List Automatically

URL Prefix:

The URL Prefix is the location of the site's root folder on the testing server.

G. Scripts for Validation

```
<script>
function validate() {
var b = 0;
var r = 0;
var d = 0;
var a = 0;
var ll = <?php echo $no?>;
var chkarry = new Array(ll);
for (i = 1; i <=ll; i++) {
    chkarry[i] = 0;}
if (f1.elements[0].value.length != 0) {
    if (f1.elements[0].value <1 || f1.elements[0].value > ll)
        {r = 1;}
    else
        { chkarry[f1.elements[0].value] = 1;}
}
else
    a = 1;
for (i = 1; i < ll; i++) {
    var j = f1.elements[i].value;
    if (f1.elements[i].value.length == 0)
        {b = 1;}
    else if (j < 1 || j > ll-a)
        {r = 1;}
    else if (chkarry[j] == 1)
        {d = 1;}
    else
        {chkarry[j] = 1;}
}
if (b==1)
    {alert("Elective Subjects : All options should be entered");}
else if (r==1)
    {alert("Elective Subjects : ALL options should be between 1 and " + (ll-a));}
    else if (d==1)
        {alert("Elective Subjects : Invalid option(s)!");}
    else {
var b2 = 0;
var r2 = 0;
```

```

var d2 = 0;
var sum2 = 0;
var chk2 = 0;
var ll1 = <?php echo $no2 ?>;
var ll2 = <?php echo $no ?>;
var ll3 = f1.length-4;
var k2 = 0;
var chkarry2 = new Array(ll1);
for (i = 1; i <=ll1; i++) {
    chkarry2[i] = 0;}
for (i = ll2; i < ll3; i++) {
    var j2 = f1.elements[i].value;
    if (f1.elements[i].value.length==0)
        {b2 = b2 + 1;}
    else if (j2 < 1 || j2 > ll1)
        {r2 = 1;}
    else {
        k2 = k2 + 1;
        sum2 = sum2 + j2*1;
        chk2 = chk2 + k2;
        if (chkarry2[j2]==1)
            {d2=1;}
        else
            {chkarry2[j2]=1;}
    }
}

if (r2==1)
    {alert("Science Subjects : ALL options should be between 1 and " + <?php echo
$no2 ?>);}
else if (sum2!=chk2 || d2==1)
    {alert("Science Subjects : Invalid option(s)!");}
    else if (b2==ll1 && f1.elements[0].value.length!=0)
        {alert("Science Subjects : At least one option should be entered!");}
    else
        {f1.submit();}
}
}

```

H. Remarks

1. Teachers or TSS who are skilful to handle server applications, PHP, database using MySQL and web authoring are strongly recommend to manage this online student survey system.
2. The “StudentParticularReport.xls” exported from SOP cannot be imported into this survey system directly. To import the file, you are suggested to open the file, copy the data, and paste it as value on a new excel file. The new excel file can then be imported into the survey system.
3. The output excel file “StudentPreferenceReport.xls” will sometimes generate errors when imported to SOP. It occurs because the file is detected as a text file with tab separators instead of an excel file. In this case, open the file, save it again as excel file type and then the file can be imported.
4. For school having “0” as the first character of a student number, a “#” will be added in front of the student number in the excel file exported by the system. You can use the “Find and Replace” function to replace the “#” with single quote in the output file when all students have completed the survey.