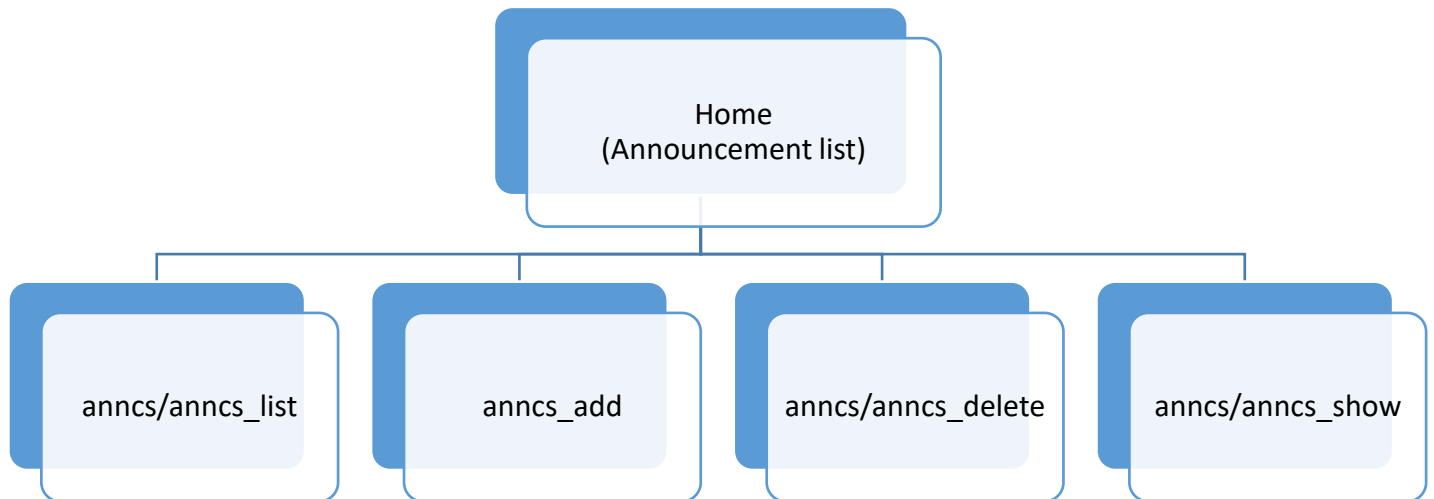


# Introduction to Database System

## Final Project Report

0310008 陳虹佑 0410008 呂佳倪 0410020 黃謙仁 0410024 余東儒

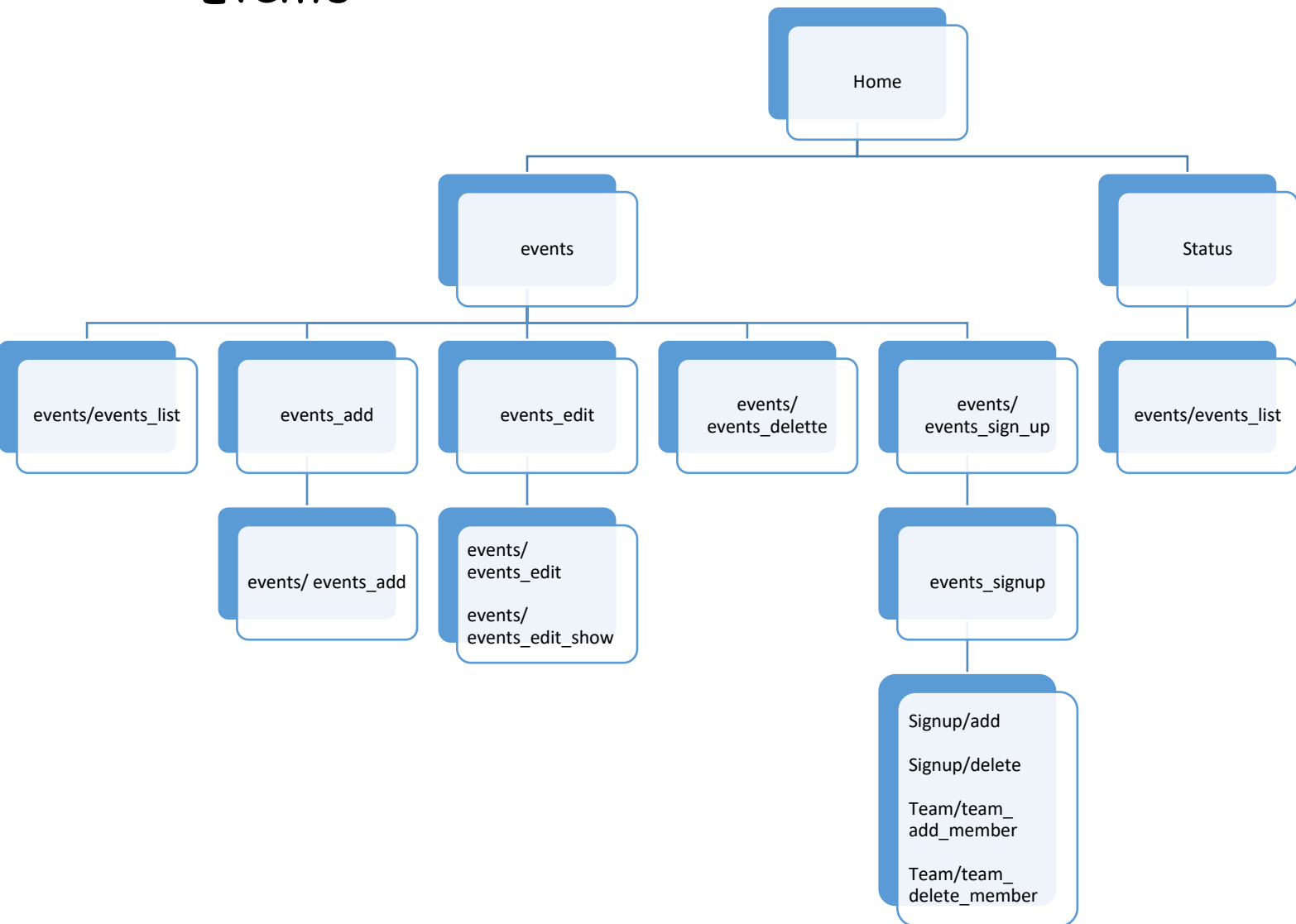
### Announcement



#### Function:

1. Home page show the last 6 announcements by anncs/anncs\_list.
2. Annc\_Add is the page where add new announcements
3. Anncs\_Delete can delete the announcements.
4. Show details of announcements by posting announcement ID first to Anncs\_show then return details to Anncs

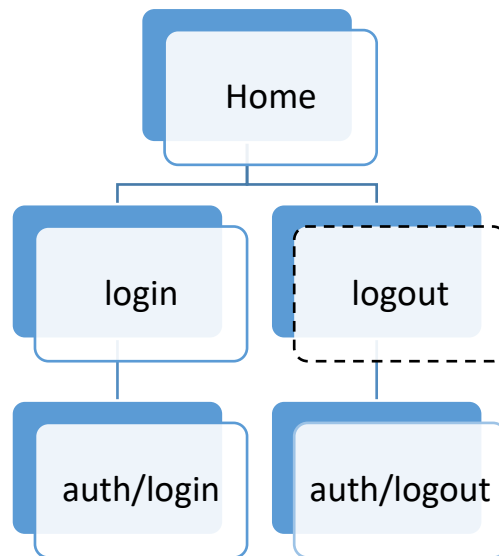
# Events



## Function:

1. Events page show all the events by events/list.
2. Add new events by going to events\_add then events/add.
3. Edit events by going to events\_edit and posting event ID first to events/edit. At the same time, in order to show the information of events on the events\_edit page, events/edit\_show will fetch the data from database.
4. Delete events by posting events id to events/delete.
5. Sign up an event by grouping a team that fits the required number of members.
6. Show all signed up teams and its member informations.

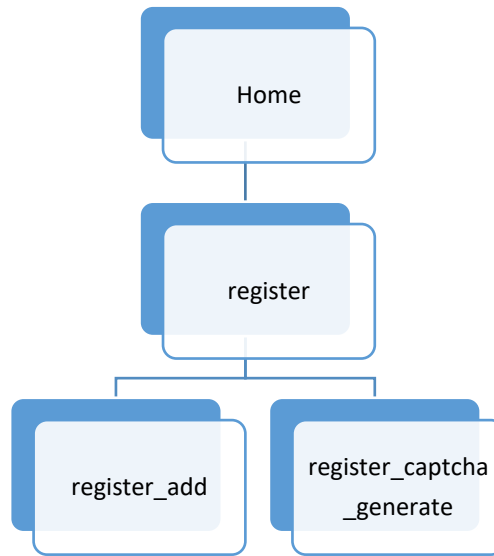
# Login



## Function:

1. User get a authentication and authorization by auth/login which allow them to use several functions in the platform.
  - Authentication: First, it will search for the input user account, and then hash and encrypt the input password to compare it with the hashed password in database. If it can find the user account and the password can be verified, then login success, or login fail.
  - Authorization: If login success, it will generate SESSION for user to let them get access to several functions in the web. And user's authorities are different between two identities: administer and normal user.
2. Login user can log out the system by auth/logout, which will unset the SESSION.

# Register



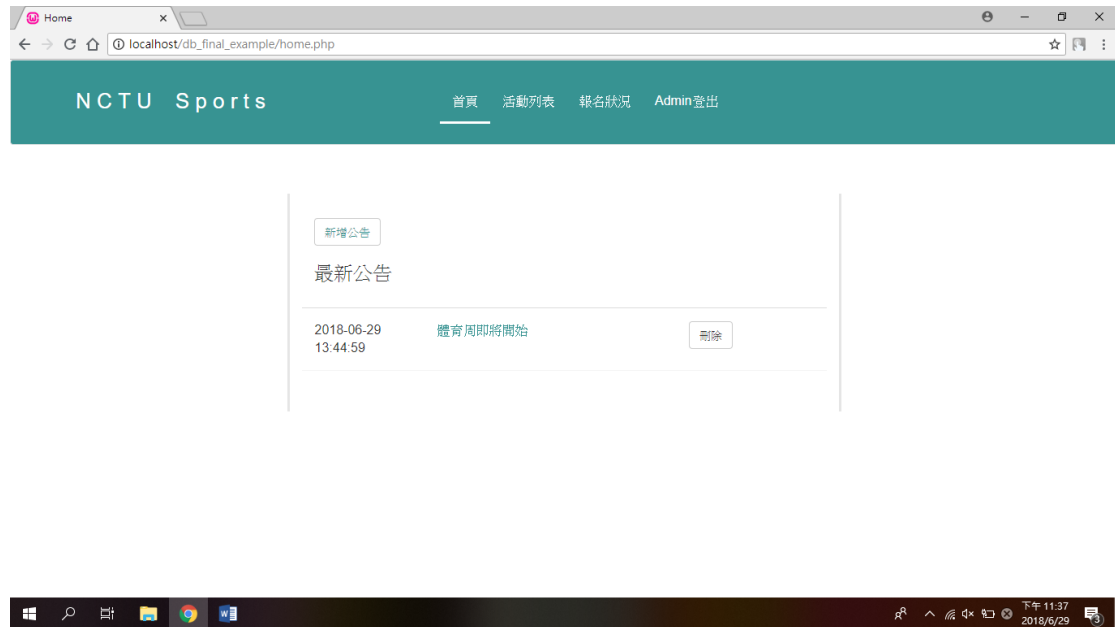
## Function:

1. New users can fill their information from and register at register
2. When user enters the register page, register/register\_captcha\_generate would generate a random captcha text and an image with the text in it.
3. After the user filled the form and submitted their information, register\_add would check whether the information is valid. If so, new user information would be stored to the database.

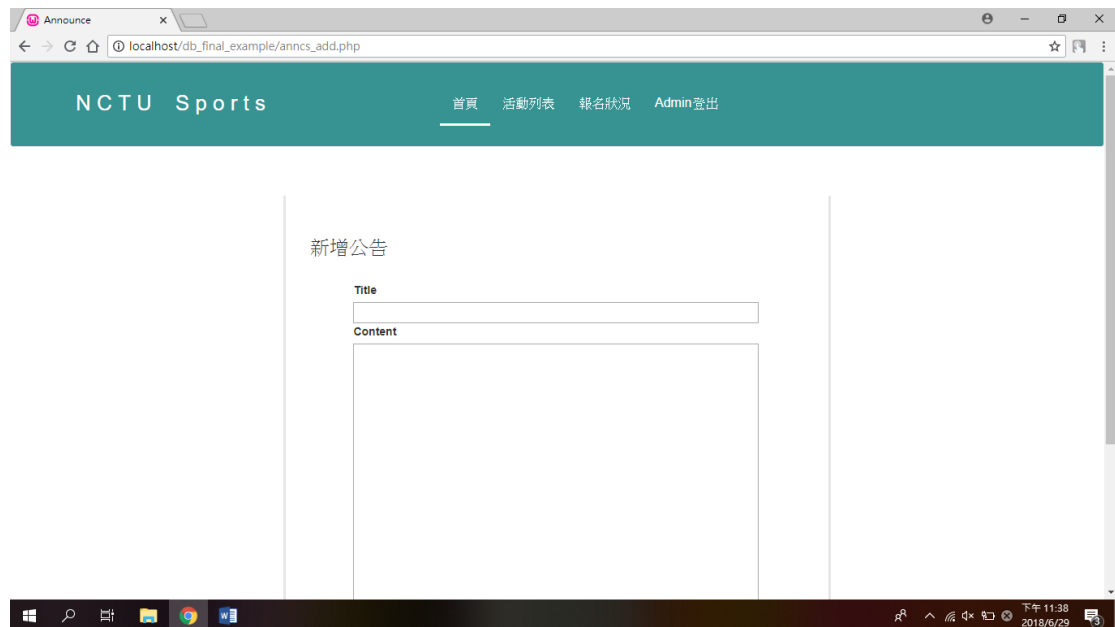
# Screenshots

## Admin View

### Home



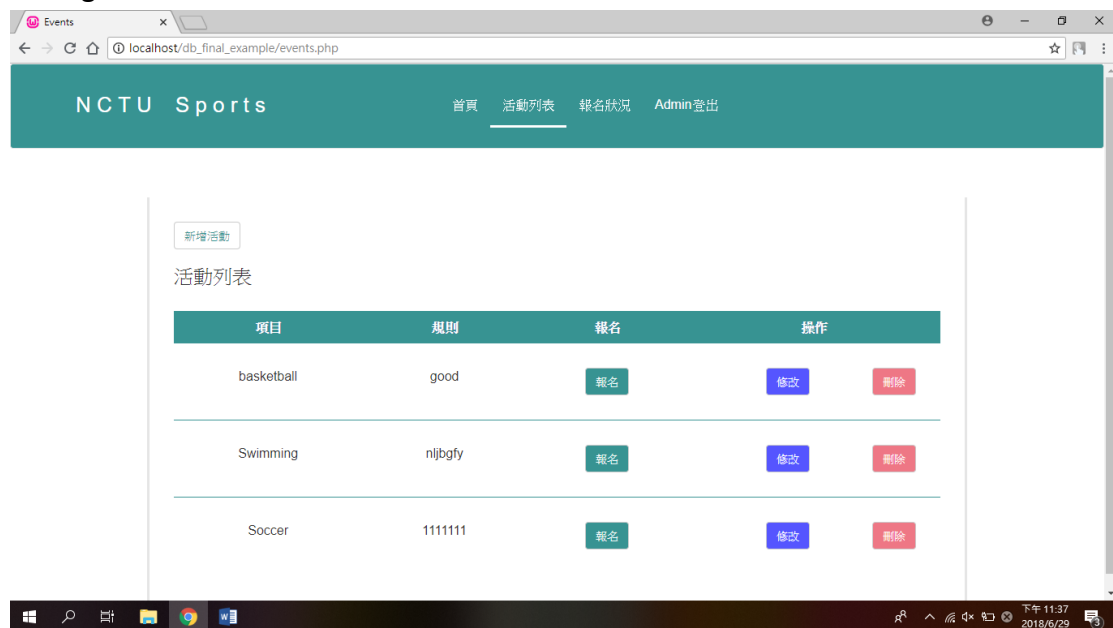
### Add new announcement



## Delete announcement



## Manage announcement



## Add new event

Events

localhost/db\_final\_example/events\_add.php

NCTU Sports

首頁 活動列表 報名狀況 Admin登出

### 新增活動

活動名稱

活動日期

描述

隊伍限制

每隊人數上限

每隊人數下限

發布 取消

Windows taskbar: 下午 11:38 2018/6/29

## Edit team

Sign up

localhost/db\_final\_example/events\_signup.php?init=0&id=16&name=basketball&date=2018-06-23&limit=5&max=8&min=3&curr=3&description=good&Team\_ID=5...

活動報名: basketball

每隊人數上限: 8  
每隊人數下限: 3  
隊伍上限: 5  
已報名隊伍: 2隊  
尚可報名: 3隊

隊伍名稱

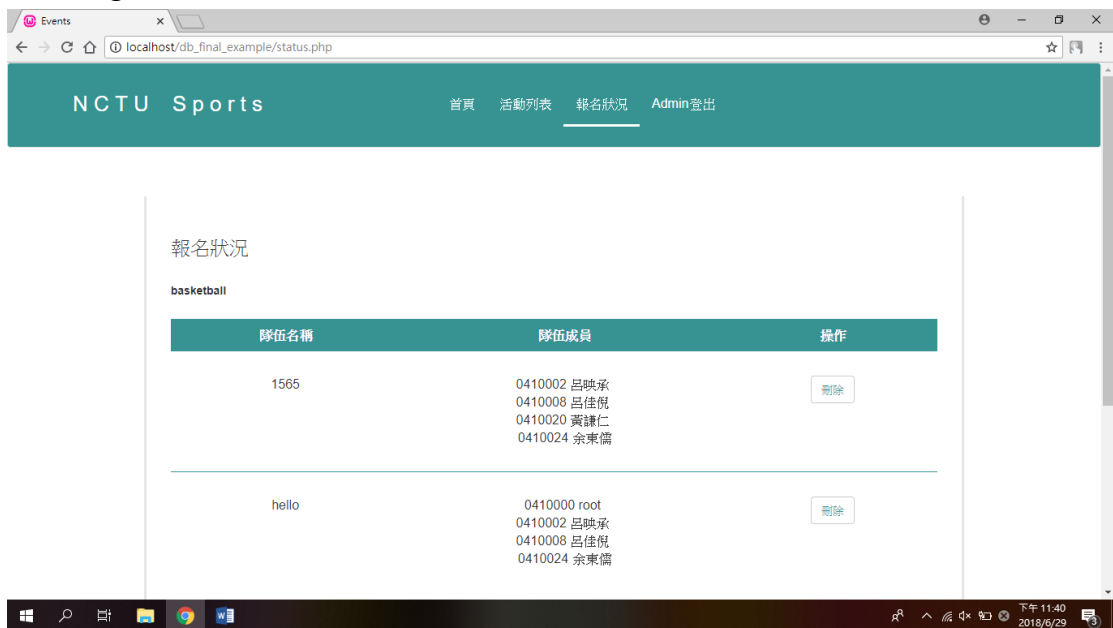
隊伍人員

隊員學號	姓名	
0310008	陳紅佑	取消
0410008	呂佳倪	取消

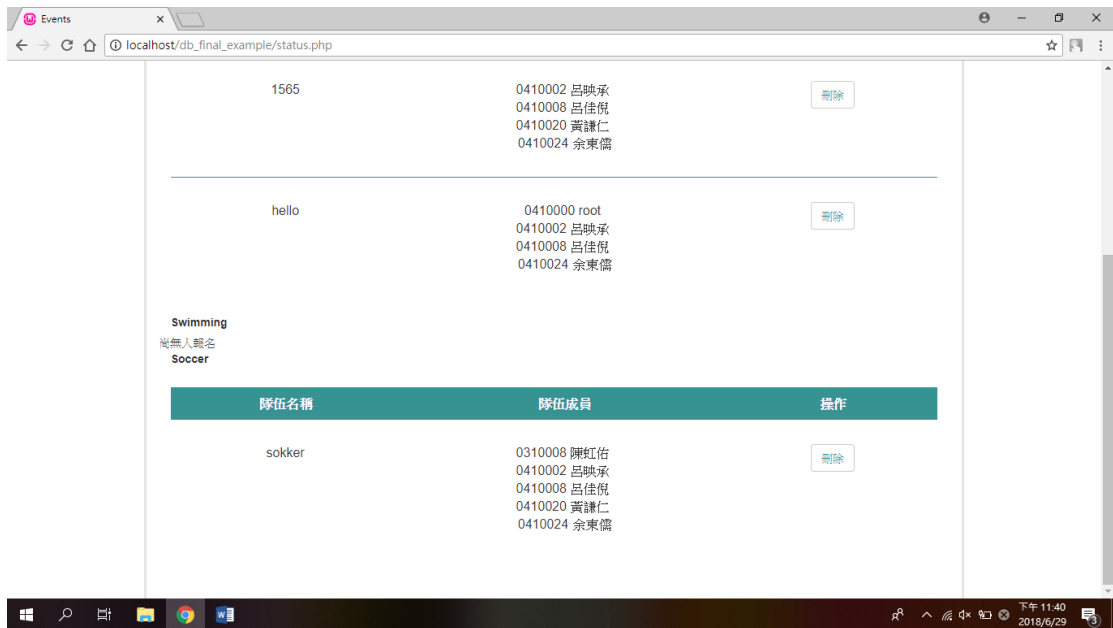
Windows taskbar: 下午 11:39 2018/6/29



## Event registration status

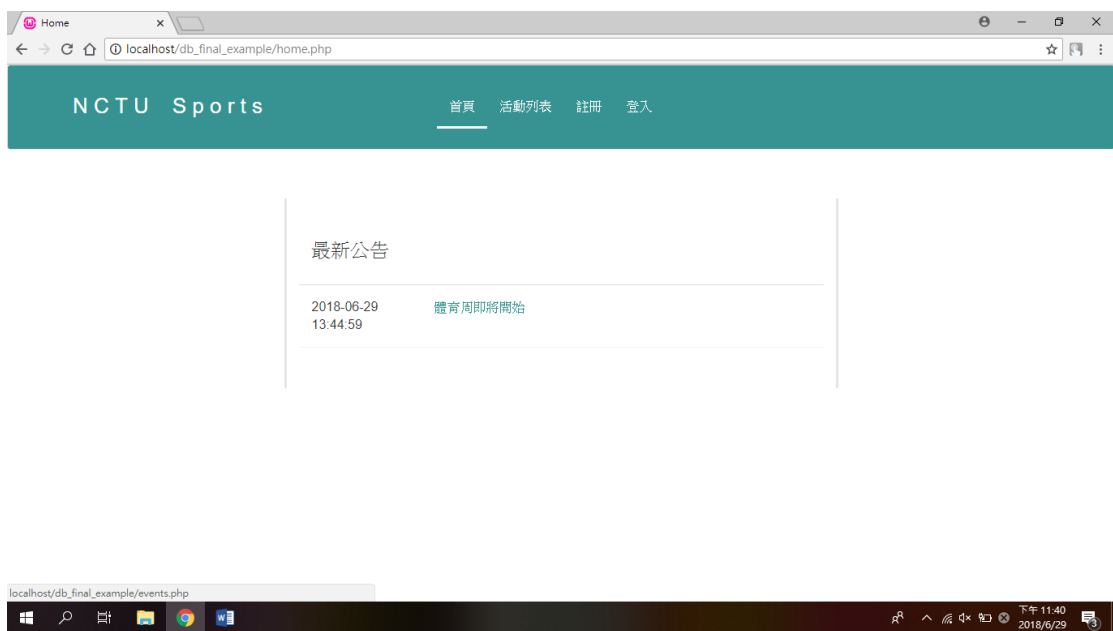






## User View

### Home



## Event list

The screenshot shows a web browser window with the address bar displaying 'localhost/db\_final\_example/events.php'. The page has a teal header with the text 'NCTU Sports' and navigation links: '首頁', '活動列表' (active), '註冊', and '登入'. The main content area is titled '活動列表' and contains a table with three rows of event data. Each row has a '報名' (Register) button. The table columns are '項目' (Item), '規則' (Rules), '報名' (Register), and '操作' (Action).

項目	規則	報名	操作
basketball	good	報名	
Swimming	nijbgfy	報名	
Soccer	1111111	報名	

The Windows taskbar at the bottom shows the time as 下午 11:41 on 2018/6/29.

## Register

The screenshot shows a web browser window with the address bar displaying 'localhost/db\_final\_example/register.php'. The page has a title '註冊' (Register). The registration form includes input fields for '學號' (Student ID), '姓名' (Name), '信箱' (Email), '密碼' (Password), '確認密碼' (Confirm Password), and '驗證碼' (Captcha). The captcha image shows the text 'aVtcl'. At the bottom of the form are two buttons: '註冊' (Register) and '取消' (Cancel). A status bar at the bottom left indicates '正在等待 Touch VPN 擴充功能...'. The Windows taskbar at the bottom shows the time as 下午 11:41 on 2018/6/29.

## Login

Home x

localhost/db\_final\_example/login.php

NCTU Sports

首頁 活動列表 註冊 登入

學號

密碼

登入

忘記密碼?

Windows taskbar: 下午 11:41 2018/6/29

## Environment

OS: Windows 10

Web server: Apache

Database: MySQL

Language: PHP + HTML

Our project was developed under WAMP structure. Tested with WampServer.

# The Schema of Database

Table name	Fields	type	Unique	Auto inc
User	<u>Account</u>	varchar(7)	Yes	
	name	varchar(50)		
	Email	varchar(100)	Yes	
	user_pass	varchar(255)	Yes	
	authority	int		
Annoucement	<u>ID</u>	int	Yes	Yes
	Title	varchar(50)		
	Post_Time	NOW( )		
	Description	varchar(100)		
Event	<u>ID</u>	int	Yes	Yes
	name	varchar(50)		
	date	date		
	team_limit	int		
	max_team_number	int		
	min_team_number	int		
	signup_num	int		
	description	varchar(100)		
Team	ID	int		
	student_ID	varchar(11)		
	student_name	varchar(50)		
signup	<u>Team_ID</u>	int	Yes	Yes
	event_ID	int		
	Team_name	varchar(50)		

## Contribution

陳虹佑: register

呂佳倪: events

黃謙仁: login/logout

余東儒: annoucement