



WReSTT OPERATION MANUAL

(Web-based Repository of Software Testing Tools)

Presented in

Third Workshop on Integrating Software Testing into Programming Courses

WISTPC'13

Supported by NSF TUES II



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Professor View

1. To create user account and course title

You need to send email to Raymond Chang Lau at rchan001@fiu.edu.

2. Manage Student

- a. Create accounts for students using csv format. You may download the file from Help on the top of the menu bar.

The screenshot shows the WRESTT portal interface. The browser window title is "wrestt.cis.fiu.edu/cen/?q=course-points&instance_id=141". The page title is "Software Engineering (Undergrad) - Spring 2012/02".

Export Points
Import Students from CSV: CSVImportTemplate.csv

Name	WReSTT Points	Remove
Aamu3, student3	0	<input type="checkbox"/>
Aamu4, student4	0	<input type="checkbox"/>
Aamu5, student5	0	<input type="checkbox"/>
Aamu6, student6	0	<input type="checkbox"/>
Aamu7, student7	0	<input type="checkbox"/>
Aamu8, student8	0	<input type="checkbox"/>
Aamu9, student9	0	<input type="checkbox"/>
Test1, Student1	30	<input type="checkbox"/>

Left Sidebar:

- Courses
- Content Resources
 - Browse
 - Upload
- Learning Object Creator
- My Account
- Edit Profile
- Logout

Affiliations:

- FIU FLORIDA INTERNATIONAL UNIVERSITY
- NDSU NORTH DAKOTA STATE UNIVERSITY
- MIAMI UNIVERSITY
- IAU

Right Sidebar:

Jan 2013: New WReSTT portal goes online. New functionality includes: Administrator Reports, Professor [Student](#) Reports, Student Points Reward System.

Mar 2013: PI meeting at FIU main campus.

July 2013: Third Workshop on Integrating Software Testing into Programming [Courses](#) ([WISTPC-13](#)) at FIU main campus

Links


- ApTest
- OpenSeminar
- TestingFAQs
- SWENET
- BugHunt
- CSTER
- Web-CAT

Who's online
There are currently 2 users

Click "save changes" button







Firefox | 宜昌到北京... | Learning O... | My Cour... x | NSF TUES is... | Java API Per... | Inbox - Outl... | Download S... | wrestt.cis.fiu.edu/cen/?q=prof | Delta Search | Bookmarks

Most Visited | Getting Started | Latest Headlines | Microsoft Outlook We...



- Courses
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Affiliations

- Line 5: Added **student10 Aamu10** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student2.aamu6, Password: 1234, Email: student10.aamu10@aamu.edu.
- Line 6: Added **student11 Aamu11** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student1.aamu6, Password: 1234, Email: student11.aamu11@aamu.edu.
- Line 7: Added **student12 Aamu12** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student2.aamu7, Password: 1234, Email: student12.aamu12@aamu.edu.
- Line 8: Added **student13 Aamu13** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student1.aamu7, Password: 1234, Email: student13.aamu13@aamu.edu.
- Line 9: Added **student14 Aamu14** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student2.aamu8, Password: 1234, Email: student14.aamu14@aamu.edu.
- Line 10: Added **student15 Aamu15** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student1.aamu8, Password: 1234, Email: student15.aamu15@aamu.edu.
- Line 11: Added **student16 Aamu16** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student2.aamu9, Password: 1234, Email: student16.aamu16@aamu.edu.

portal goes online. New functionality includes: Administrator Reports, Professor [Student](#) Reports, Student Points Reward System.

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Links

- ApTest
- OpenSeminar
- TestingFAQs
- SWENET
- BugHunt
- CSTER
- Web-CAT

Who's online

There are currently 2 users and 3 guests online.

Error message:

WRESTT is sponsored by the National Science Foundation under: (1) TUES II [grants](#) DUE-1225742 (FIU), DUE-1225654 (AAMU), DUE-1224411 (MU-Ohio), DUE-1225972 (NDSU); and (2) CCLI Phase I grants DUE-0736833 (FIU) and DUE-0736771 (FAMU).

student14.aamu14@aamu.edu.

- Line 10: Added **student15 Aamu15** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student1.aamu8, Password: 1234, Email: student15.aamu15@aamu.edu.
- Line 11: Added **student16 Aamu16** affiliation **Alabama A&M University** to course **Software Engineering (Undergrad)**. Username: student2.aamu9, Password: 1234, Email: student16.aamu16@aamu.edu.

- Line 2: Could not add user: **student1 Aamu1**. Check CSV format.
- Line 3: Could not add user: **student2 Aamu2**. Check CSV format.
- Line 4: Could not add user: **student3 Aamu3**. Check CSV format.

Name	Semester	Section
Software Engineering (Undergrad)	Spring 2012	02
Software Testing	Fall 2013	2

Who's online
There are currently 2 users and 3 guests online.
Online users
yujian.fu
rchandev

Powered by drupal™

Fix the typos..

The user name and email have to be unique – any two users cannot have same user name, and/or same email.

b. Remove students:

Click “remove” box, click “save changes” button, you’ll get the following page:

The screenshot shows the WRESTT web application interface. The top navigation bar includes links for Home, Forums, Events, Sponsors, Links, Contact, Help, and Project Documentation. The main content area is divided into several sections:

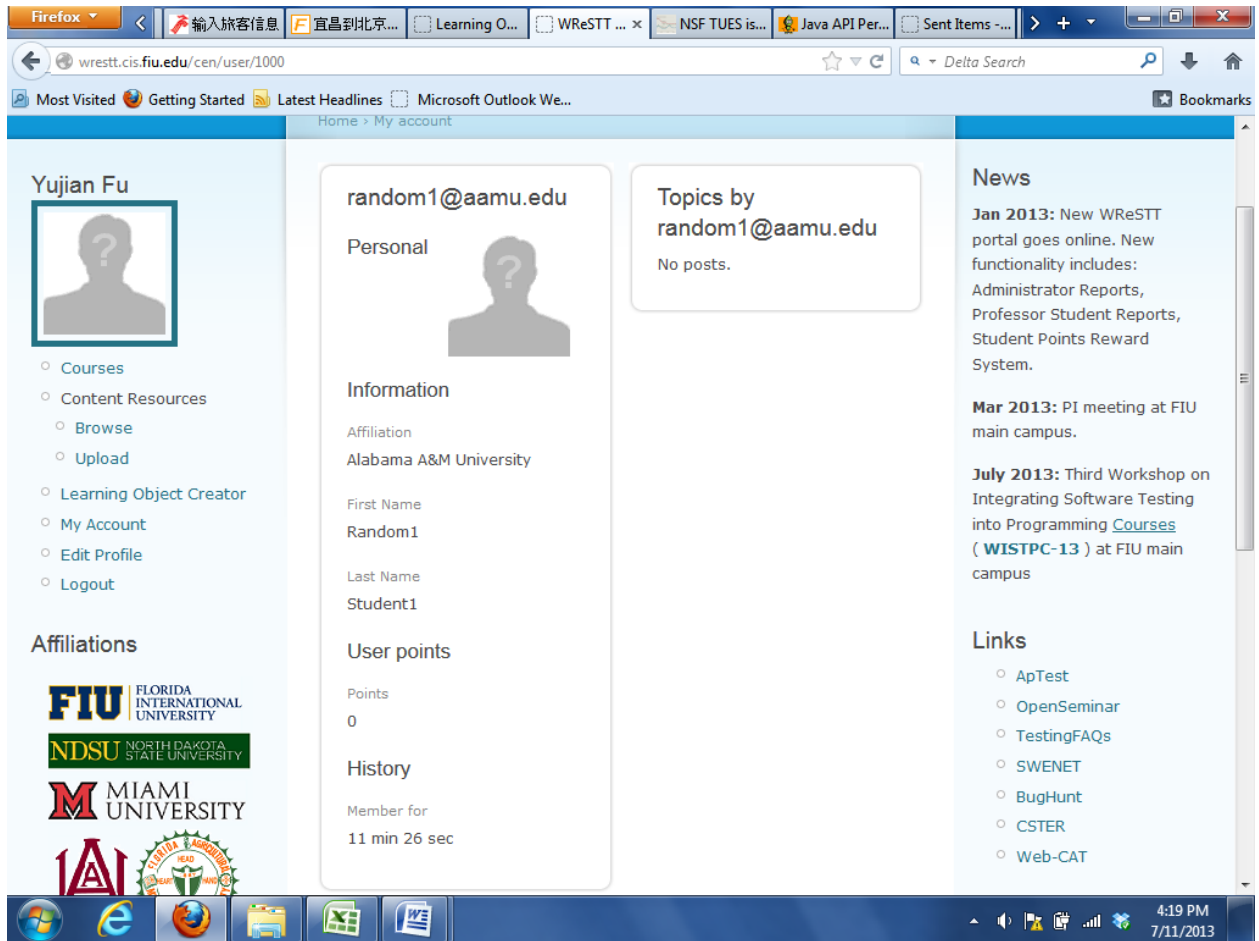
- User Profile:** Yujian Fu, with a placeholder image and a list of links: Courses, Content Resources (Browse, Upload), Learning Object Creator, My Account, Edit Profile, and Logout.
- Affiliations:** Logos for FIU (Florida International University) and NDSU (North Dakota State University).
- My Courses:** A table listing current courses.

Name	Semester	Section
Software Engineering (Undergrad)	Spring 2012	02
Software Testing	Fall 2013	2
- News:**
 - Jan 2013:** New WReSTT portal goes online. New functionality includes: [Administrator Reports](#), Professor Student Reports, Student Points Reward System.
 - Mar 2013:** PI meeting at FIU main campus.
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- Links:**
 - ApTest
 - OpenSeminar
 - TestingFAQs

A green box highlights a list of removed users:

- Successfully removed user **Aamu10, student10** from the system.
- Successfully removed user **Aamu11, student11** from the system.
- Successfully removed user **Aamu12, student12** from the system.
- Successfully removed user **Aamu13, student13** from the system.
- Successfully removed user **Aamu14, student14** from the system.
- Successfully removed user **Aamu15, student15** from the system.
- Successfully removed user **Aamu16, student16** from the system.

After the student logged on, the instructor can see student file by clicking student name:

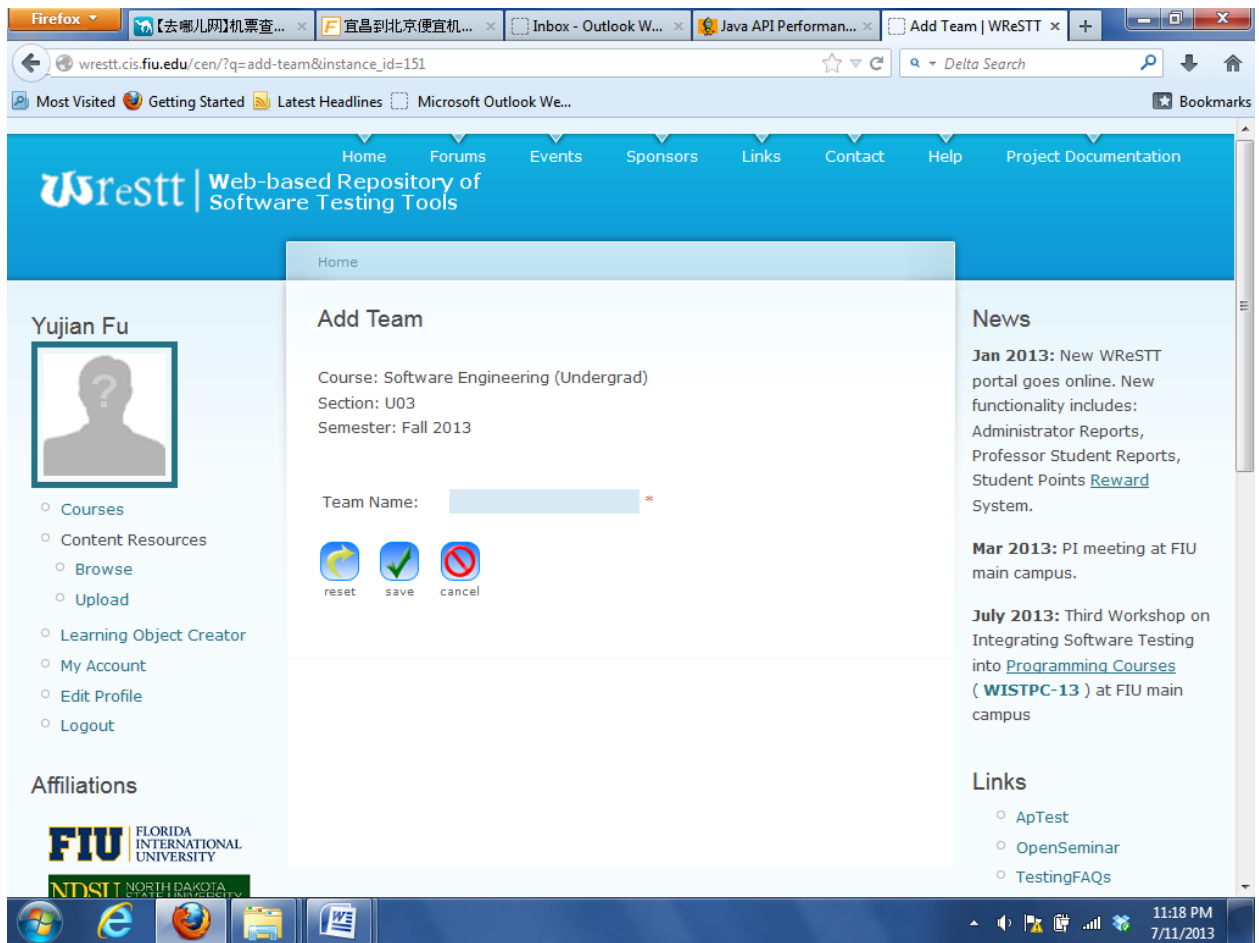


Otherwise, it will be a message of access denied.

3. Manage Teams

You need to create teams for your class. The student cannot submit any doc without being in a team.

Click "Teams", click "create team" button at the bottom, you can input team name:



By clicking “reset” button at the bottom, you may modify the team name. if you click “save” button, a team with the given name will be created:

The screenshot shows the WRESTT (Web-based Repository of Software Testing Tools) interface. The user is logged in as Yujian Fu. The main content area displays the 'Team Management' page for the 'Software Engineering (Undergrad)' course, Section U03, Fall 2013 semester. A green notification box states: 'Successfully added team testingteam to course Software Engineering (Undergrad)/U03.' Below this is a table listing teams: Apple (2 students), Bananna (0 students), and testingteam (0 students). Each team has a 'Modify' button (pencil icon) and a 'Remove' button (red X icon). At the bottom of the table is a 'create team' button with a plus icon. The left sidebar shows the user's profile and navigation links. The right sidebar contains news and links. The bottom of the browser window shows the Windows taskbar with the date 7/11/2013 and time 11:22 PM.

WRESTT | Web-based Repository of Software Testing Tools

Home Forums Events Sponsors Links Contact Help Project Documentation

Yujian Fu

○ Courses

○ Content Resources

○ Browse

○ Upload

○ Learning Object Creator

○ My Account

○ Edit Profile

○ Logout

Affiliations

FIU FLORIDA INTERNATIONAL UNIVERSITY

NDST NORTH DAKOTA STATE UNIVERSITY

Team Management

Course: Software Engineering (Undergrad)
Section: U03
Semester: Fall 2013

○ Successfully added team **testingteam** to course **Software Engineering (Undergrad)/U03**.

Team Name	Number of Students	Modify	Remove
Apple	2		
Bananna	0		
testingteam	0		

create team

News

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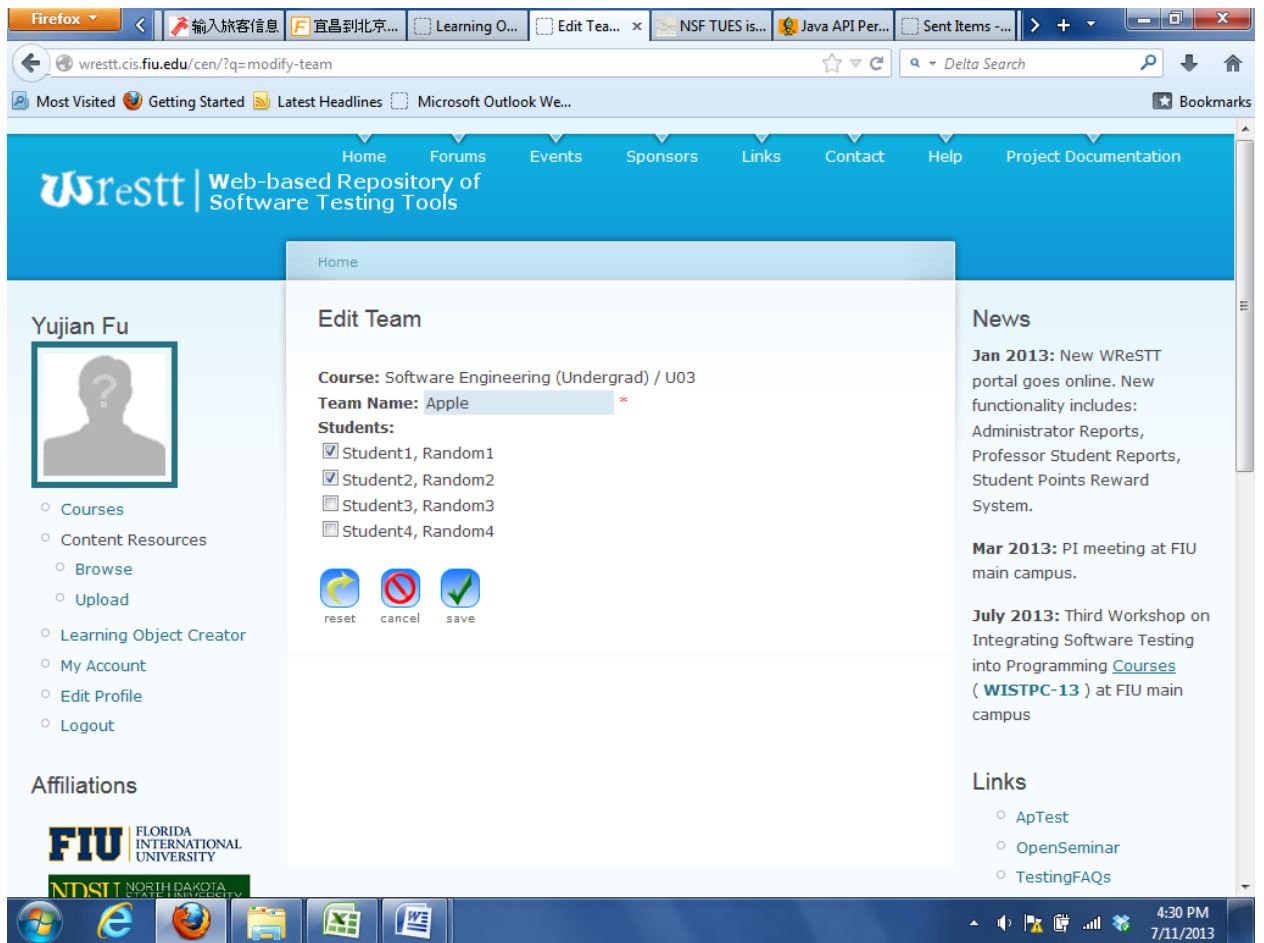
Links

○ ApTest

○ OpenSeminar

○ TestingFAQs

Add students to each team: click “modify” button at the bottom, selected students,



After click “save” button:

Firefox

wrestt.cis.fiu.edu/cen/?q=team-management&instance_id=151

Home Forums Events Sponsors Links Contact Help Project Documentation

WRESTT Web-based Repository of Software Testing Tools

Home

Team Management

Course: Software Engineering (Undergrad)
Section: U03
Semester: Fall 2013

- The student **Student1, Random1** was added to team **Apple**.
- The student **Student2, Random2** was added to team **Apple**.

- Team **Apple** already exists for course **Software Engineering (Undergrad)/U03**.

Team Name	Number of Students	Modify	Remove
Apple	2		
Bananna	0		

create team

Yujian Fu

- Courses
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Affiliations

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NDST NORTH DAKOTA STATE UNIVERSITY

News

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Links

- ApTest
- OpenSeminar
- TestingFAQs

4:31 PM 7/11/2013

4. Pre/Post Test

Initially, the default value will be "Disabled Pre/Post Test".

5. Edit Profile

You may change email address, password, load picture and update time zone.

Student View

1. Create Student Account:

- Professor's job.
- Make sure give correct info to your instructor. Then:
Professor puts student info in the csv file following format:
First Name, Last name, User Name, Pw, Email, Affiliation

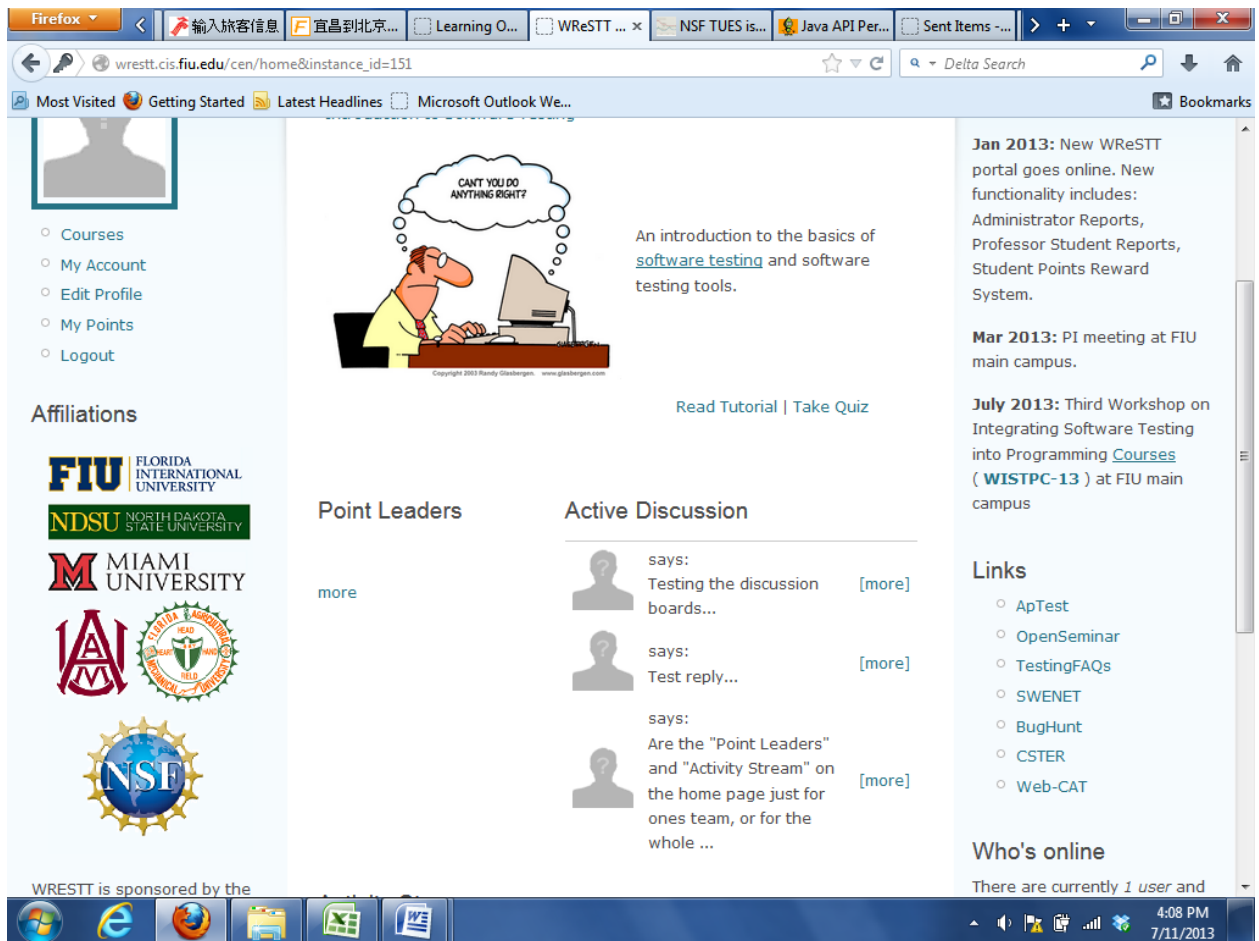
2. Log in as a student

The screenshot shows a Firefox browser window displaying the WRESTT (Web-based Repository of Software Testing Tools) student homepage. The browser's address bar shows the URL `wrestt.cis.fiu.edu/cen/?q=student_homepage`. The page has a blue header with the WRESTT logo and navigation links: Home, Forums, Events, Sponsors, Links, Contact, Help, and Project Documentation. The main content area is divided into three columns. The left column, titled 'Random1 Student1', features a placeholder profile picture and a list of links: Courses, My Account, Edit Profile, My Points, and Logout. Below this is an 'Affiliations' section with logos for FIU (Florida International University), NDSU (North Dakota State University), and Miami University. The middle column, titled 'My Courses', contains a table with the following data:

Name	Semester	Professor	Section
Software Engineering (Undergrad)	Fall 2013	Fu, Yujian	U03

The right column, titled 'My Team', includes a 'News' section with three entries: 'Jan 2013: New WRESTT portal goes online. New functionality includes: Administrator Reports, Professor Student Reports, Student Points Reward System.', 'Mar 2013: PI meeting at FIU main campus.', and 'July 2013: Third Workshop on Integrating Software Testing into Programming Courses (WISTPC-13) at FIU main campus'. Below the news is a 'Links' section with a link to 'ApTest'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 3:24 PM on 7/11/2013.

Click course title



Point Leaders: shows the current highest point gained

Active Discussion: all posts site wide

Activity Stream: all activities the student did

Tutorial: comes from tutorial of LOs, given by Peter Clarke

Quiz: part of LOs,

3. Profile

you can change email, password, load picture and update time zone.

4. Forum and posts

Click any post in the active Discussion, the student can see all posts and provide comment. After click save button, the post will be published in this web.