

Using SEP-CyLE

Instructor and Student Views

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and

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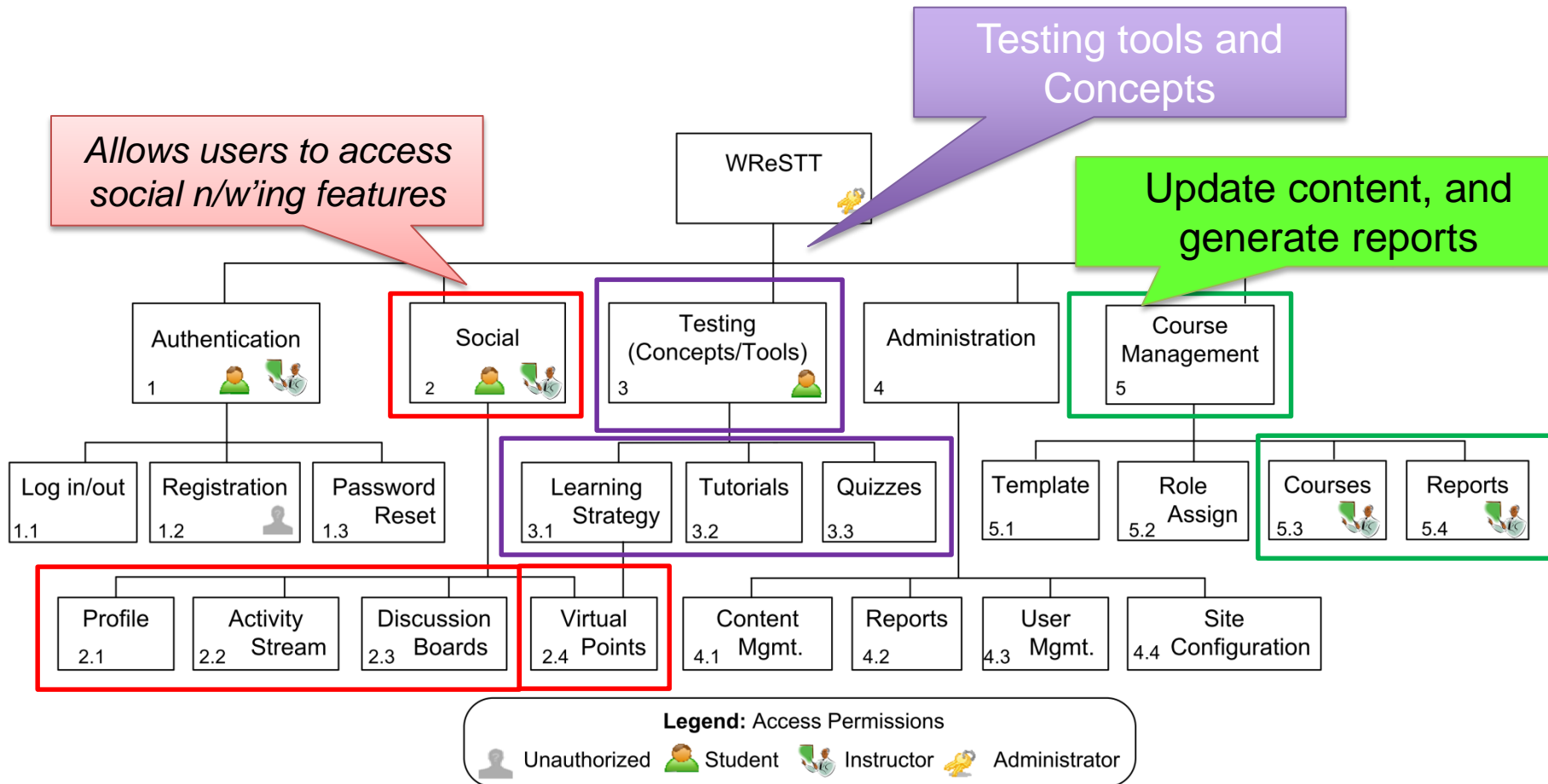
SEP-CyLE

- SEP-CyLE (Software Engineering and Programming Cyberlearning Environment) provides students access to digital learning content using embedded LESs
- SEP-CyLE uses LESs in the following ways:
 - *Collaborative learning* – use of virtual teams, teams collaborating to complete online assignments, posting comments on the work of other teams.

SEP-CyLE cont

- *Gamification* - virtual points, a leader board, allocations of points based on various activities, e.g., completing assignments, posting to a forum, completing a user profile, and posting helpful learning content that benefit others)
- *Problem-based learning* – solving problems using the virtual problem-based environments, e.g. Eclipse Che IDE
- *Social interaction* - user profiles, message forums, group/individual chat, ratings and comment of learning content.

Agenda – Block Diagram [Clarke et al.]



Student and Professor User – Help Videos

Student view:

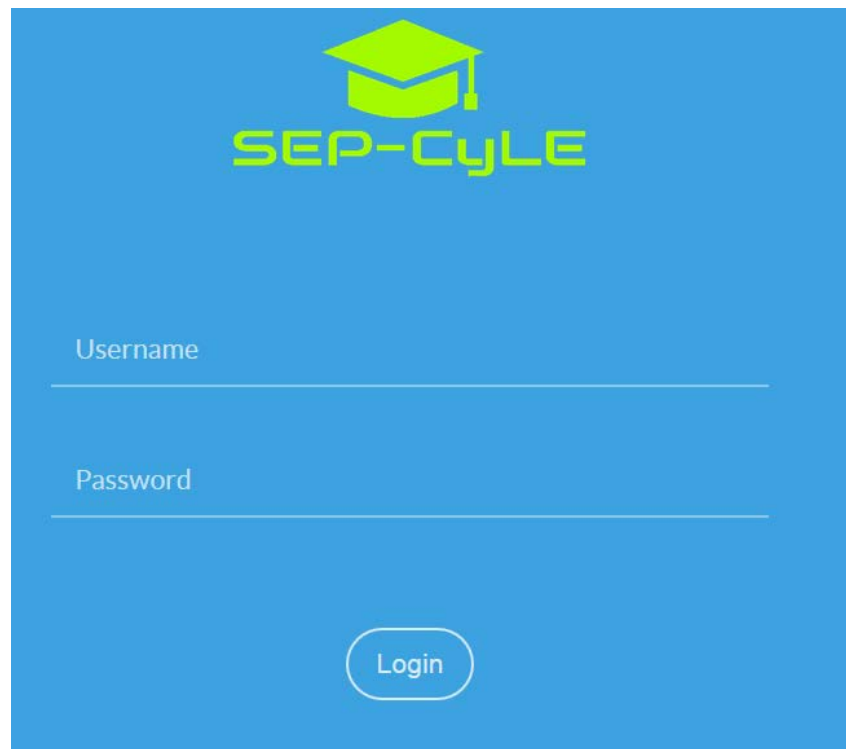
<https://www.youtube.com/watch?v=zWxYHo7nTXw>

Instructor view:

<https://www.youtube.com/watch?v=XldvnmLN4nk>

Created by Mr. Steve Foo

Homepage



SEP-CyLE

Username

Password

Login

Demo Site:

<https://stem-cyle.cis.fiu.edu/app-devel>






Instructor:

userid: email

pwd: pass12345




SITE NAVIGATION

- Dashboard 
- Learning Objects** 
- Tutorials 
- Community 
- Site News 

Professor Dashboard


COP2000

2	Fall	2015
Section	Semester	Year



Go to course 

COP2000



3	Fall	2015
Section	Semester	Year

Go to course 

Recent Course Posts

- 
studentuser1 - 05/21/2017 @ 23:12 -0400
 Sep-Cyle Rocks the socks
- 
studentuser2 - 09/21/2016 @ 18:17 -0400
 Constructor can be overloaded as well guys

Recent Community Posts


- 
studentuser1 - 05/21/2017 @ 22:28 -0400
 Hello
- 
studentuser1 - 09/21/2016 @ 18:17 -0400
 We use Hello World cause if you do this major you will never get to see the outside world




Professor Dashboard

COP1000		
1 Section	Fall Semester	2015 Year
Go to course 		



COP2000		
2 Section	Fall Semester	2015 Year
Go to course 		

COP2000		
3 Section	Fall Semester	2015 Year
Go to course 		

Student Management



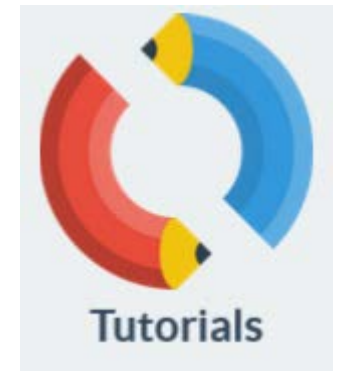
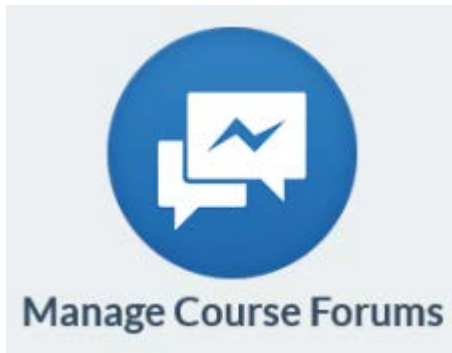
Student Roster



Student Teams



Virtual Points



STUDENT FOCUSED • LAND GRANT • RESEARCH UNIVERSITY **NDSU**



Add New Student(s)



Enroll CSV



Enroll Single

Cancel

Select a CSV to import a student roster.
Click [here](#) for an example student roster CSV file.



CSV File Upload

Browse

Submit



Add course team.

Team Name

Available Students

Team:



Add random course team(s).

Team Size

from Team

Create Random Team(s)

Cancel

Save Team

Cancel



Set Course Bonus Points.

Quiz Complete:

Team Complete:

First Team Complete:

Second Team Complete:

Third Team Complete:

Course Thread Post:

Profile Picture Upload:

Update Points



Manage Course Forums

Add New Course Forum.

Name:

Description:

Add Course Forum

Cancel



Add New Course Forum

Course Forums		
Name	Description	Actions
Course Forum 1	Course Forum 1 Description	Edit Delete
Course Forum 2	Course Forum 2 Description	Edit Delete
Demo Forum	Demo	Edit Delete



[View Course Forums](#)

Lab04 Thread

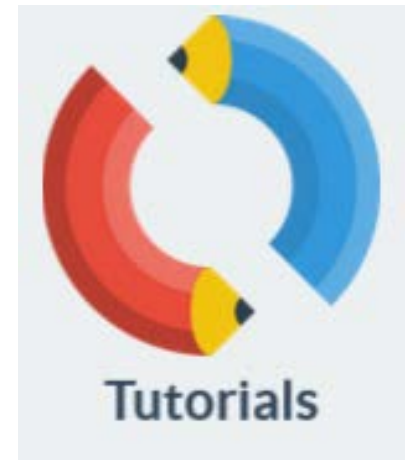
Replies: 0

Questions about lab04

Edit

Delete



Add Thread





Add new learning object assignment.

Name:

Description:

Start Date:  6/2/2017 



End Date:  6/3/2017 



Minimum passing score:



80 

Grading scheme:



Minimum

Average

Maximum


Allowed attempts:



3 

Learning Object:



Hand Tracing Sequential Code 

Add Assignment

Cancel



Student Reports

Download Report



Student Reports

COP1000 | Section 1 | Fall 2015

Select Student(s):

Student One

Student Two

Student One: Name


Student 4 Last: Name

Student 5 Last: Name
Free Name

STUDENT

Opening COP1000_Section_1_Report.csv

You have chosen to open:

 **COP1000_Section_1_Report.csv**

which is: csv File (587 bytes)

from: data:

What should Firefox do with this file?

Open with Microsoft Excel

Save File

Do this automatically for files like this from now on.

OK

Cancel

Score

100



Course Settings






Set Course Settings.

- Gameification
- Social Interaction
- Collaborative Learning


Update Settings




SITE NAVIGATION

- Dashboard 
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Professor Dashboard

COP2000		
2	Fall	2015
Section	Semester	Year
Go to course 		

COP2000		
3	Fall	2015
Section	Semester	Year
Go to course 		

Assign existing LO's or Create new LO

Learning Object Drafts



New Learning Object

- General ✕
- Content ✕
- Practice ✕
- Quiz ✕
- References ✕

Toggle Preview

Save Draft

Submit

Learning Object Details

Learning Object Name

Learning Object name is required

Learning Object Subject

Learning Object Subject is required

Learning Object Description

Source

body

Learning Object Description is required

Learning Object Author(s)

Learning Object Author is required

Tool General

Tutorial Name

Tutorial Description

Tutorial Author

Tool Logo ✖

Select a PNG, JPEG or GIF file to Import a Tool Logo.
 PNG, JPEG or GIF File Upload(No larger than 5MB)

Tool Uploaded Videos

Select a MP4 video file to Import a Tool Logo.
 MP4 Video File Upload(No larger than 250MB)

Tool Links

Link Name

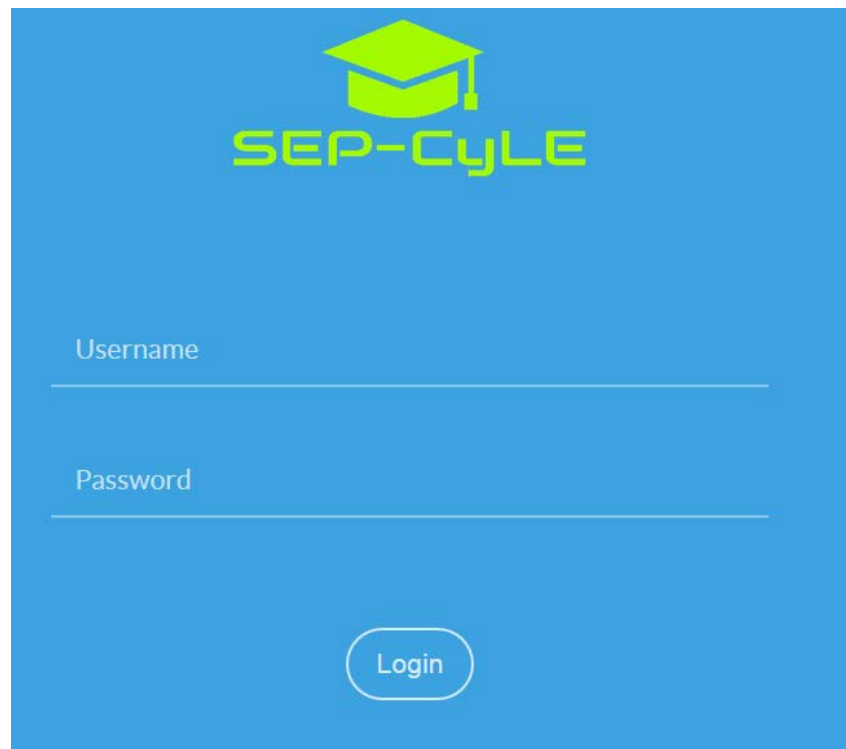
URL Link (Put full URL path i.e. https://www.google.com)

Tool Video Links

Video Link Name

URL Link (Put full URL path i.e. https://www.youtube.com)

Homepage

The image shows a login form for SEP-CyLE. At the top center is a logo consisting of a green graduation cap above the text "SEP-CyLE" in green. Below the logo, the word "Username" is positioned above a white horizontal input field. Below that, the word "Password" is positioned above another white horizontal input field. At the bottom center of the form is a white rounded rectangular button with the word "Login" in black text. The entire form is set against a solid blue background.

SEP-CyLE

Username

Password

Login

<https://stem-cyle.cis.fiu.edu/app-devel>

Student:

userid: <before>-student@<after>

pwd: pass12345



Update: Login credentials format has changed. Students,
please use your email to login.

studentuser1|

●●●●●●●●●●

Login

Student Dashboard

COP1000

1 Section 2015 Year

Go to course

Recent Course Posts



studentuser1 - 05/21/2017 @ 23:12 -0400
Sep-Cyle Rocks the socks



studentuser2 - 09/21/2016 @ 18:17 -0400
Constructor can be overloaded as well guys

Recent Community Posts



studentuser1 - 05/21/2017 @ 22:28 -0400
Hello



studentuser1 - 09/21/2016 @ 18:17 -0400
We use Hello World cause if you do this major you will never get to see the outside world



studentuser2 - 09/21/2016 @ 18:17 -0400
Constructor can be overloaded as well guys



studentuser1 - 09/21/2016 @ 18:17 -0400
Some people just want to see this world burn -Alfred



studentuser2 - 09/21/2016 @ 18:17 -0400
How many methods can have the same name?

Course Forums

Learning Object Assignment(s)

	Topics	Last Post
Course Forum 1 Course Forum 1 Description	0	by bencarter78 33 seconds ago
Course Forum 2 Course Forum 2 Description	0	by bencarter78 33 seconds ago
Demo Forum Demo	0	by bencarter78 33 seconds ago

Polymorphism COP1000 Replies: 0

Add Thread

Polymorphism COP1000 Replies: 0

Add New Thread:

Title:

Subject:

Comment:

Submit Thread

Cancel

Course Forums

Learning Object Assignment(s)

First Assignment

Description: Lorem Ipsum

Start Date: 09-21-2016 @ 06:17PM -0400

End Date: 05-31-2017 @ 11:59PM -0400

Minimum Passing Score: 80

Allowed Attempts: 3

Grading Scheme: maximum score

[Go to Assignment](#)

Third Assignment

Description: Lorem Ipsum

Start Date: 09-21-2016 @ 06:17PM -0400

End Date: 05-15-2017 @ 11:59PM -0400

Minimum Passing Score: 80

Allowed Attempts: 3

Grading Scheme: maximum score

[Go to Assignment](#)

Tutorial Assignment(s)

Introduction to Software Testing - LO1

Software Testing

Course: COP1000

Assignment: First Assignment

This due date for this assignment has passed.
You may no longer submit the practice or quiz assessments.

General

Content

Practice

Quiz

References

Comments



fdtghjfgj

Posted by: professoruser
Updated on: 09/22/2016 @ 14:16 -0400

fgjfgj cvxcgvnb

Add a new comment.

Title:

Body:

Submit

Course 1 Team 1



Student One Last Name, Student One First Name



Student Two Last Name, Student Two First Name

Course Leader Board

[View Full Record](#)



Student One Last Name, Student One First Name

300



Student One Three Name, Student One Three Name

0



Student 5 Last Name, Student 5 First Name

0

My Recent Course Activity

[View Full Record](#)



Student One First Name Student One Last Name posted a new comment in thread: Polymorphism

05/21/2017 @ 11:12 -0400

3



Student One First Name Student One Last Name successfully completed the quiz assessment for assignment: Demo LO

05/21/2017 @ 11:10 -0400

99



Student One First Name Student One Last Name completed assignment: Demo LO

05/21/2017 @ 11:10 -0400

99



Student One First Name Student One Last Name successfully completed the practice assessment for assignment: Demo LO

05/21/2017 @ 11:08 -0400

99



Student One First Name Student One Last Name successfully completed the quiz assessment for assignment: Third Assignment

11/03/2016 @ 06:55 -0400

0

Recent Course Activity

[View Full Record](#)



Student One First Name Student One Last Name posted a new comment in thread: Polymorphism

05/21/2017 @ 11:12 -0400

3



Student One First Name Student One Last Name successfully completed the quiz assessment for assignment: Demo LO

05/21/2017 @ 11:10 -0400

99



Student One First Name Student One Last Name completed assignment: Demo LO

05/21/2017 @ 11:10 -0400

99



Student One First Name Student One Last Name successfully completed the practice assessment for assignment: Demo LO

05/21/2017 @ 11:08 -0400

99



Student 5 First Name Student 5 Last Name successfully completed the quiz assessment for assignment: Third Assignment

11/03/2016 @ 07:15 -0400

0

Using SEP-CyLE in Classrooms

Using WReSTT in the Classroom

Week 0:

Virtual points allocation scheme

Pre-Test; Points allocation

Week 1:

Introduce SEP-CyLE to Students



Week 2-20:

Assignments and Monitor Teams

Monitor Teams: monitor the postings to the forums and *provides feedback to the virtual teams and the class*, with respect to their participation on completing the tutorials and quizzes

Week 21:

Assignments and Monitor Teams

Post-Test; Survey