

Manual Test Plan

Anirud Yadav (ayadav4)
Sonia Mohanlal (mohanla2)

Courses:

The main course detail page now consists of a brief course detail and a menu bar to navigate in the same page to get course statistics, to see reviews and to submit a review. The web page for CS 100 looks as following:

HomeAbout usCoursesMeetupsConnect

Hello Bernstein Chebyshev!

CS 100

TitleFreshman Orientation

Credit3

DescriptionCredit: 1 hours.

Introduction to Computer Science as a field and career for computer science majors. Overview of the field and specific examples of problem areas and methods of solution.

ReviewsGet StatsSubmit a review

© Company 2014

Clicking on the Reviews button displays all the comments which the users have posted regarding the course. A javascript call displays the reviews once the button is clicked and the page looks as following:

HomeAbout usCoursesMeetupsConnect

Hello Bernstein Chebyshev!

ReviewsGet StatsSubmit a review

Sort by: Select

Sonia

Semester	Professor	TA
Fall 2011	Red	red
Difficulty	Time	Enjoyment
★★★★☆	★★★★☆	★★★★★
Exams	MPS	Papers
0	4	5

Prof comments: rr

User comments: rr

Tips: rr

Part Of: College Core

3 approvals

Useful?

There is a useful button at the left hand corner at the end of each review and above it is displayed the number of people who found the review useful. Its transparent background color signifies that the current user hasn't clicked on that button yet. If the user finds the review helpful and clicks on the button, then the number of people who found the review useful would increase by 1 (in this case from 3 to 4) and the background color will change to golden signifying that the current user found the review helpful too. Hence the page will look as following:

Home
About us
Courses
Meetups
Connect
Hello Bernstein Chebyshev!

Reviews
Get Stats
Submit a review

Sort by: Select

Sonia

Semester	Professor	TA
Fall 2011	Red	red
Difficulty	Time	Enjoyment
★★★★☆	★★★★☆	★★★★★
Exams	MPS	Papers
0	4	5

Prof comments: rr
User comments: rr
Tips: rr
Part Of: College Core

4 approvals
 Useful

Also the user can sort the list of reviews on the basis of difficulty, enjoyment, time commitment or the professor name. There is a sort by select menu from which the user can choose the attribute he wants to sort the results. Hence if the user sorts on the basis of time commitment the list of reviews looks as following:

Home
About us
Courses
Meetups
Connect
Hello Bernstein Chebyshev!

Sort by: Select

Gustavo Fringe

Semester	Professor	TA
Fall 2011	Michael Seligman	Red
Difficulty	Time	Enjoyment
★★★★☆	★★★★☆	★★★★☆
Exams	MPS	Papers
10	10	0
Prof comments: Easy to understand User comments: Easy Tips: Easy nothing to worry about Part Of: Major Requirement		
4 approvals <input type="button" value="Useful?"/>		

Sonia

Semester	Professor	TA
Fall 2011	Red	red
Difficulty	Time	Enjoyment
★★★★☆	★★★★☆	★★★★☆
Exams	MPS	Papers
0	4	5
Prof comments: rr		

Hence it can be seen that the first review from the list has lower time rating than the second review. The sorting is done in increasing order.

Going back to the menu, if the user clicks on the “Get Stat” button then the section of the web page which was displaying the list of reviews is replaced by the statistical information regarding the course. The statistics consists of average difficulty, average enjoyment and average time commitment. The page looks as following:

Home
About us
Courses
Meetups
Connect
Hello Bernstein Chebyshev!

CS 100

Title

Freshman Orientation

Credit

3

Description

Credit: 1 hours.

Introduction to Computer Science as a field and career for computer science majors. Overview of the field and specific examples of problem areas and methods of solution.

Reviews

Get Stats

Submit a review

Stats

Average Difficulty - 3.2/5	Average Time - 3.4/5	Average Enjoyment - 3.8/5
★★★★☆	★★★★☆	★★★★☆

© Company 2014

The statistics don't only on the number of reviews but also on how many people found each review useful. The review with the highest likes (user found useful) contributes the most when the statistics are computed. To accomplish this task a weight vector is used which consists for a weight value for each review. The sum of each review sums upto 1. Hence if

the user unlikes the review which he just liked, then the statistic values change and the page looks as following:

HomeAbout usCoursesMeetupsConnect

Hello Bernstein Chebyshev!

CS 100

TitleFreshman Orientation

Credit3

DescriptionCredit: 1 hours.
Introduction to Computer Science as a field and career for computer science majors. Overview of the field and specific examples of problem areas and methods of solution.

ReviewsGet StatsSubmit a review

Stats

Average Difficulty -
3.111111111111/5

Average Time - 3.3333333333/5

Average Enjoyment -
3.66666666667/5

★★★★☆

★★★★☆

★★★★☆

© Company 2014

Lastly if the user clicks on the “Submit a review” button a review form is displayed and the page looks as following:

HomeAbout usCoursesMeetupsConnect

Hello Bernstein Chebyshev!

CS 100

TitleFreshman Orientation

Credit3

DescriptionCredit: 1 hours.
Introduction to Computer Science as a field and career for computer science majors. Overview of the field and specific examples of problem areas and methods of solution.

ReviewsGet StatsSubmit a review

Add a Review

Professor name:

TA:

SemesterSelect option...

Expected Grade/Grade:Select option...

Meetups:

The meetups page now only displays the content which has not already expired. The way the expiration of a meetup post is assessed by the date specified by the user when he/she

posted the comment. The date specified in the “Till: “ section specifies the date after which the content is deleted from the database and no more displayed on the page. Hence the page looks as following:

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

›CS 242 final project meeting 3. Who is coming???

›Weekend study group for CS 440? Hit me up if anyone else is looking for a group...

Content:

Add an activity, find study groups, hangout...

Location:

Where

From:

mm/dd/yyyy

Till:

mm/dd/yyyy

Submit!

© Company 2014

The input form also performs validation to check if all the fields have valid value. Hence if all the fields are empty, the validation would give following errors:

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

›CS 242 final project meeting 3. Who is coming???

›Weekend study group for CS 440? Hit me up if anyone else is looking for a group...

Content:

Add an activity, find study groups, hangout...

Please add some content

Location:

Where

Please specify a location

From:

mm/dd/yyyy

Please specify the start date

Till:

mm/dd/yyyy

Please specify the end date

Submit!

It also checks if the dates specified are valid. For example if any older date than today's is filled in the “From: “ section then it displays the error that the date is invalid.

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

›CS 242 final project meeting 3. Who is coming???

›Weekend study group for CS 440? Hit me up if anyone else is looking for a group...

Content:

Add an activity, find study groups, hangout...

Location:

Where

From:

04/23/2014

Cannot specify any earlier date than today's

Till:

mm/dd/yyyy

Please specify the end date

Submit!

© Company 2014

Similarly if the date in “Till: “ section is older than the date in “From: “ section an error is displayed.

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

›CS 242 final project meeting 3. Who is coming???

›Weekend study group for CS 440? Hit me up if anyone else is looking for a group...

Content:

Add an activity, find study groups, hangout...

Location:

Where

From:

04/26/2014

Till:

04/25/2014

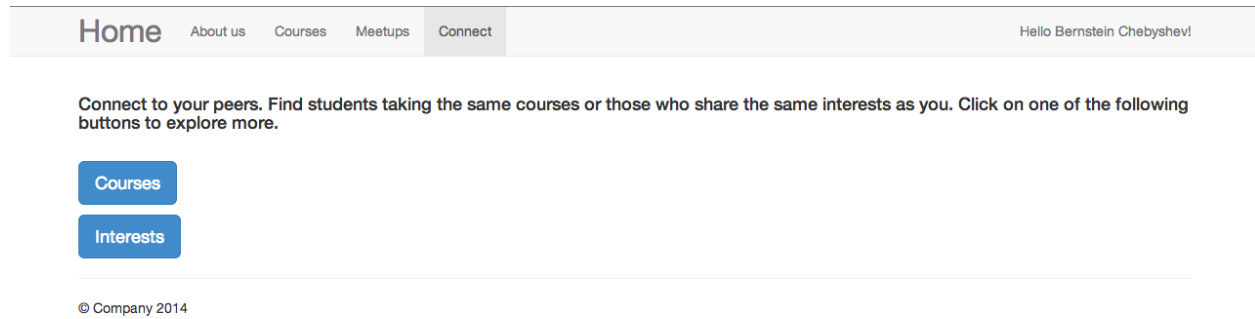
End date can't be before the start date

Submit!

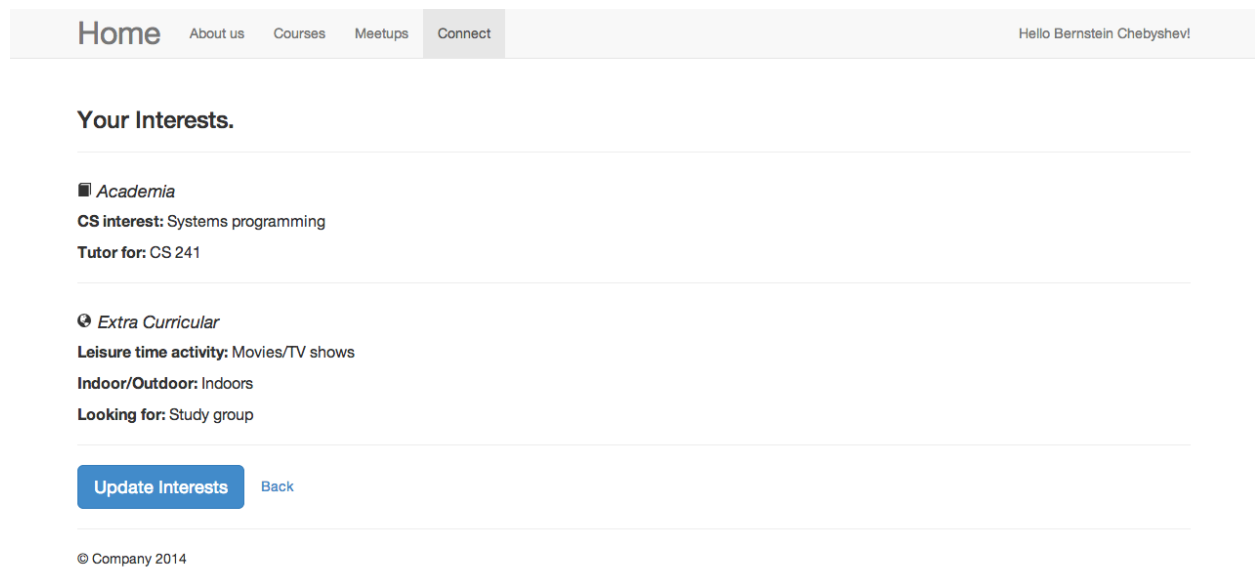
© Company 2014

Connect:

The connect web page now consists of two options, courses and interests.



The courses page is same as last week. The interest page looks as following when the “Interests” button is clicked.



The user can update his/her interests by clicking on the “Update Interests” button which directs the user to a new page for updating the interests. The page looks as following:

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

Academia

What field of CS intrigues you the most?
Artificial Intelligence

Which course can you tutor for?
Select

Is there a secondary course you wish to tutor for?
Select

Extra Curricular

What do you like to do in your leisure time?
Read books

Do you prefer indoors or outdoors?
Indoors

What are you looking for?
Study group

Update

Back

After specifying all the concerned details when the user clicks on the “Update” button, all his updates are stored in the database and the user is directed to the page displaying his/her new updated interests. For example if the user clicked the “Update” button for the above specified configuration, the new page would look as following:

Home

About us

Courses

Meetups

Connect

Hello Bernstein Chebyshev!

Your Interests.

Academia

CS interest: Artificial Intelligence

Extra Curricular

Leisure time activity: Read books

Indoor/Outdoor: Indoors

Looking for: Study group

Update Interests

Back

© Company 2014