

EE101 Final Project Report

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1 Overview

1.1 Project File Tree

1.2 Develop Environment

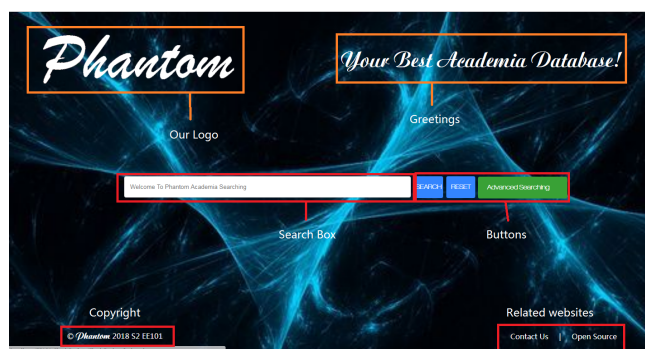
2 Front-end

written by Yifu Chen

I was in charge of the front-end part. I mainly used CSS and BOOTSTRAP to beautify our website. In my opinion, I hope my websites be plain and straightforward, so I did not decorate our websites deliberately, and this my idea of designing the layout for our websites.

I will introduce my work of each page respectively.

2.1 Index.php



Our index page is shown above. First of all, I would like to introduce the process of my designing our home page. At first, there were three search boxes in the page. The search box "Author", "Title" and "conference", and the layout of the index.php was settled. Then, we decided to use multi-searching. Therefore I cut down the number of search boxes into one. Finally, I polished the index.php and the page became what you can see now.

The elements the index page consists of was shown in the graph above, and I am going to introduce every part respectively.

By the way, the favicon of our websites was *Raffaello's The School of Athens*.

2.1.1 Logo

The name of our search engine came from *The Phantom of the opera*, one of my favorite films, and I hope that the speed of our searching engine can be as fast as a phantom. It took me so much time to find an appropriate font to display

our logo.Finally I found out a font ”书体坊兰亭体”.However,the words could not be shown in terms of vector graph,which meant that the edge of the words were not smooth,and that is a defect a our logo.

2.1.2 Greeting Words

To display the greeting words,I also spent plenty of time to find a appropriate fonts.Finally, I found a font named ”ChannelSlanted2” to present the greeting words.

2.1.3 Search box & buttons

The search box and the buttons are the key part of the page,and I beautified the buttons,and the result was shown in the following pictures.





SEARCH	RESET	Advanced Searching
SEARCH	RESET	Advanced Searching
SEARCH	RESET	Advanced Searching >>
SEARCH	RESET	Advanced Searching >>
SEARCH	RESET	Advanced Searching >>
SEARCH	RESET	Advanced Searching >>
SEARCH	RESET	Advanced Searching >>
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SEARCH	RESET	
SEARCH	RESET	Advanced Searching
SEARCH	RESET	Advanced Searching



2.1.4 Copyright & Related Websites

These two parts were mainly written by Ziliang Guo and Aofan Jiang and Hyperlinks were set on the texts "Contact Us" and "Open source".

2.2 Search.php

I am going to introduce every part of search.php respectively.

<div> <div>Phantom</div> <div>navigation bar</div> <div>Welcome To Phantom Academia Searching</div> <div>Search</div> </div>		
Multi Field Search: jiawei han		
body part		
Title	Authors	Conference
mining heterogeneous information networks	jiawei han	SIGKDD
mining frequent patterns by pattern growth methodology and implications	jiawei han, jian pei	SIGKDD
mining heterogeneous information networks a structural analysis approach	yichou sun, jiawei han	SIGKDD
closegraph mining closed frequent graph patterns	xibing yan, jiawei han	SIGKDD
dynamic generation and refinement of concept hierarchies for knowledge discovery in databases	jiawei han, yongqian fu	SIGKDD
chinese-japanese cross language information retrieval: a han character based approach	yuji matsumoto, md maruf hasan	ACL
resource and knowledge discovery in global information systems: a preliminary design and experiment	osmar r. zaino, jiawei han	SIGKDD
on trivial solution and scale transfer problems in graph regularized nmi	chris ding, jiawei han, quanquan gu	UICAI
advances of the oblearn system for knowledge discovery in large databases	simon tang, jiawei han, yongqian fu	UICAI
classifying large data sets using svm's with hierarchical clusters	jiong yang, jiawei han, hwanjo yu	SIGKDD
an efficient multi relational naive bayesian classifier based on semantic relationship graph	xiaohu yin, jiawei han, hongyan liu	SIGKDD
collective topic modeling for heterogeneous networks	jiawei han, bo zhao, hongbo deng	SIGIR
tensor space model for document analysis	jiawei han, deng cai, xiaofei he	SIGIR
clustering moving objects	yifan li, jiong yang, jiawei han	SIGKDD
metarule guided mining of multi dimensional association rules using data cubes	micheline kamber, jiawei han, jennifer chiang	SIGKDD
robust tensor decomposition with gross corruption	huan gu, jiawei han, quanquan gu	NIPS
	rwangh, qianlin, jiawei han, yizhou cun	WWW

2.2.1 Navigation Bar

I used css and bootstrap to construct the navigation bar. I thought there was no need to build a that complicated navigation bar, so I just put our logo in the top left corner of the screen and set it with a hyperlink to the homepage.