



Student User Guide

CIS4911 Senior Project

Section U01

Professor Masoud Sadjadi

Senior Project Website

Senior Project

Spring 2014

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Copyright

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1. General Information

This section contains an overview of the system. It provides a list of the acronyms and abbreviations used in this manual and their meaning.

1.1 Introduction

The application relies on web based system. It is intended for Senior Project class students of Computer Science at Florida International University. Students, professors and clients can sign in using multiples login options, pull their profiles from LinkedIn and search, join, and leave projects. This system will ease the process of coordination of the class for the professor in charge of this one, will allow student to get to this class with a project they are passionate about and a well assembled team and for the project's sponsors to be able to promote their projects and look for the skills needed for it.

The system has four users:

- Head Professor (Professor teaching the class and Administrator of the website)
- Mentors (Mentor for a Project)
- Student (SCIS student)
- Guest (Unregistered user)

1.2 Acronyms and Abbreviations

FIU

Florida International University

SPW

Senior Project Website

API

Application Programming Interface

SCIS

School of Computing and Information Sciences

LinkedIn

Social networking website for people in professional occupations

Guest user

Unregistered user in SPW

Registered user

SPW registered user

Student

FIU SCIS Student

EULA

End User License Agreement

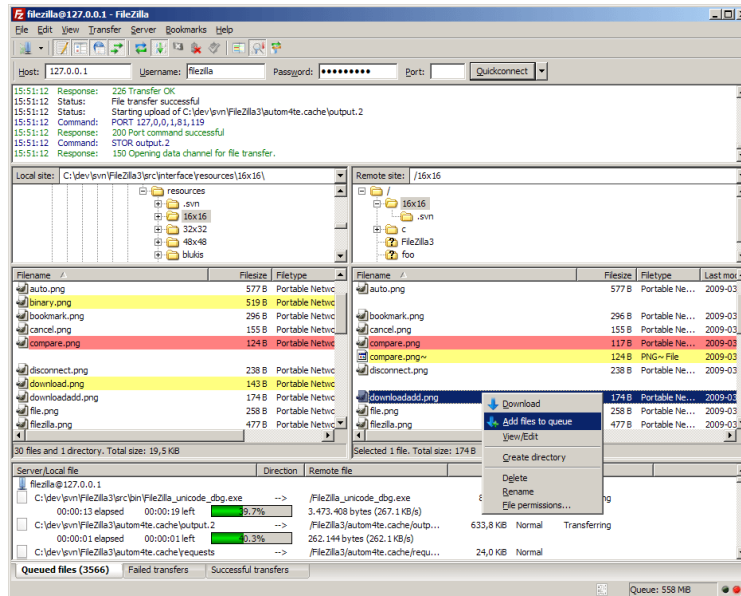
2. Hardware and Software Requirements

Software	Hardware
PHP 5.1	Processor: x86 / x64 2.0 GHz or faster
MySQL 5.0	Memory: 2 GB DDR3 or higher
Apache2	Disk Space: 20 GB
	Display: 1024 X 768 with DirectX 9

3. Installation and Setup

To deploy the current system on an existing server that has been set up:

1. Connect to the existing server using an SFTP tool like FileZilla.
2. Navigate to “/var/html/www/”
3. In the “Local site:” pane:



Navigate to the directory containing the “senior-project-devel” folder

4. Now right click that file and click on the upload button
5. Now you should be able to navigate in your browser to:
 - a. <http://<hostname URL>/senior-project-devel/>
6. The site will now be available on the server.

4. Getting Started

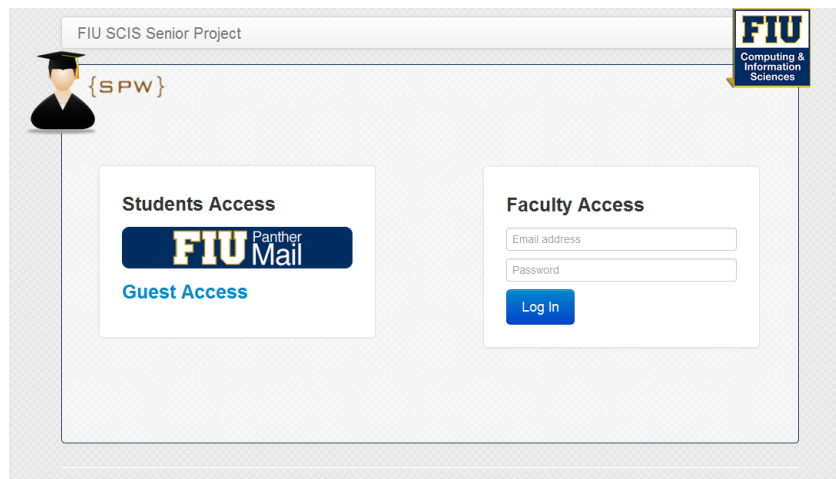
The basis on how to use this website, according to the new features added, is listed below.

4.1 Student User Instructions

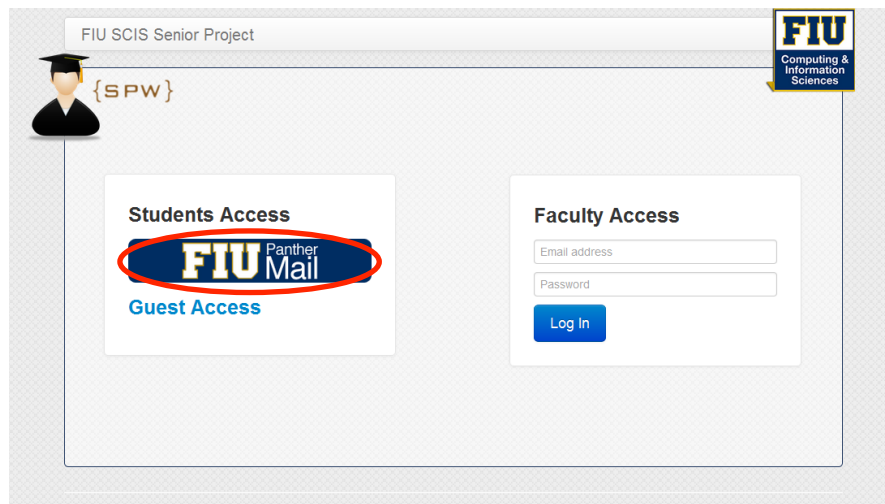
4.1.1 Matching Algorithm Subsystem

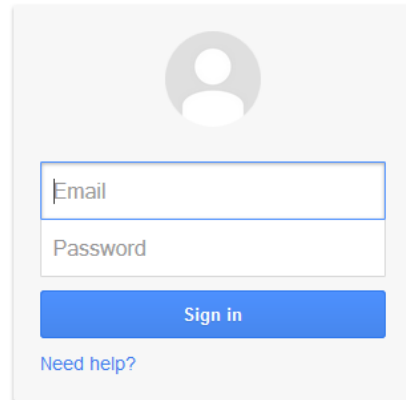
How to Rank

1. After navigating to the respective URL, you should be at a login page.



2. Under “Students Access”, you should click the FIU Panther Mail link and login using your FIU credentials at the redirected page shown in Figure 4.1.





The login form features a light gray background. At the top center is a circular placeholder for a user profile picture. Below this are two input fields: the first is labeled 'Email' and the second is labeled 'Password'. A prominent blue button with the text 'Sign in' is positioned below the password field. At the bottom left of the form, there is a blue hyperlink that reads 'Need help?'.

Figure 4.1 – FIU Login

3. After successfully logged in, you should be redirected to a page that shows all the available projects that the professor has approved.

As a reminder, the initial rank values of -1 mean that the projects are unranked. Once the professor informs you in class to rank the projects, you need to rank a minimum of 3 project(s).

Suggested Projects

Question & Answer Software

This project aims to integrate an open source php-based question and answer software (<http://www.question2answer.org/>) with drupal (<https://drupal.org/>) by developing a module for drupal. The project [More Info...](#)

Proposed By: [Amin Sarafraz](#)
Mentor: [Amin Sarafraz](#)
Team Members: This project needs members
Status: **APPROVED** Rank:

PHP Drupal MySQL HTML Open Source Linux Apache

Python HTML HTML5 MongoDB MySQL PHP Data Mining Data Modeling Data Analysis Data Science Statistical Data Analysis
Software Development Machine Learning C#3

Social Media Content Solution Platform

We are building the next generation Social Media platform using web semantics concepts (commonly called web 3.0). This is a

4. In the “Rank:” textboxes, you should now rank by interest the minimum number of projects that the professor has set, with the knowledge that same rank numbers are weighted as equal interest and as the numbers descend, the interest decrease. The -1 values are set to mean that the project has not been ranked.

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Proposed By: [Amin Sarafraz](#)
Mentor: [Amin Sarafraz](#)
Team Members: This project needs members
Status: **APPROVED**

Rank:

Python HTML HTML5 MongoDB MySQL PHP Data Mining Data Modeling Data Analysis Data Science Statistical Data Analysis
Software Development Machine Learning C++3

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5. Once you have finished ranking, you should then scroll to the bottom and click on the “Save Interest Ranking Scheme” button to save the scheme you have just created.

Defending Mission-critical VMs in Clouds

This project will develop techniques and systems to protect mission-critical VMs in cloud computing systems. [More Info...](#)

Proposed By: [Ming Zhao](#)
Mentor: [Ming Zhao](#)
Team Members: [Diana Machado](#) [Raul Garcia](#) [Filip Panovski](#)
Status: **APPROVED**

Rank:

Save Interest Ranking Scheme