Student-Research Matching Application.

High Level Description
There are three major desired functionalities for the app (in order of priority):

1. Student Profile – Student would be able to fill out a survey specifying their qualifications and research interests. Professors would be able to browse lists of student profiles. Student profile should expire at expected graduation date.

2. Research Project Profile – Professors would fill out profile of research project. Students would be able to browse departmental lists of projects.

3. System Matching – System would match students to research projects based on criteria found in student and research profiles. When system finds a suitable match, a generated email will be sent to the student. The email will invite the student to apply for the position.

Users
There will be three types of users who can log in to the system.

1. Administrator – The administrator would have access to all areas of the system. The administrator would be able to edit any area of the application. The administrator would be responsible for granting access to professors.

2. Faculty – The faculty member would be able to log in and create, read, update, and destroy a profile for a research project. The faculty will be invited to create an account by a system administrator.

3. Student – The student would be allowed to log in and create, read, update, and destroy their student profile. To register for an account, the student user will be required to have a valid UNM email address.

User Interfaces
1. Student Survey - There will be a student survey form (see figure 1 for mockup). Students will use this survey to create a profile

2. Student Search Engine - There will be a student search engine (figure 2). Students will use this to search for available research positions. The student will be able to select as many projects as they wish, then compare the selected projects.

3. Faculty Survey – Faculty will use this survey (figure 4) to create a profile for their research project.

Appearance
The application's appearance will be consistent with the appearance of the University of New Mexico's websites.

First Name

Last Name

Phone Number

Major(s)

Expected Graduation Date

UNM ID

Email

Graduate ○

Undergraduate ○

Minor(s)

Interests

Search Research Opportunities

Department

Drop Down Menu

Project Titles

Drop Down Menu ← User can select more than one title to compare on the next screen

Submit

Search Results

RESEARCH PROJECT TITLE

CONTACT INFORMATION

POSITION

PAID/NOT PAID

WORK PERIOD

APPLICATION DEADLINE

REQUIREMENTS

JOB DESCRIPTION

HOW TO APPLY

Research Project Title

Contact Information

Department

Will you require student research assistants for this project?

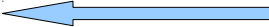| # | Paid Undergraduate |
#	Unpaid Undergraduate
#	Paid Graduate
#	Unpaid Graduate

Can select any Number of each Type of student

If it is a paid position, have you listed on UNMJobs?

Yes ○
No ○

If yes, please provide posting number and position title:

Posting Number

Position Title

Work Period (Check all that apply):

Fall 2013 ○
Spring 2014 ○
Summer 2014 ○

Required Student Qualifications
Academic Level
Minimum GPA
Classes

Other

Job description

Application Deadline

Contact Information for questions