

# CRP E / SE / EE 491 Weekly Report #3

## MAY15-04 Week 4 (9/14/14 - 9/20/14)

**Advisor:** Dr. Rover      **Client:** Ruben Arenas with East Los Angeles Community College

### **Members (roles):**

Peter Benzoni (Team Leader)  
Josh Schmitt (Webmaster)  
Nathan Steussy (Communication)  
Colin Duffy (New Concept Leader)  
Alex Yasa (New Concept Leader)

### **Project Title:**

Community College Pre-Assessment and Placement Tools: Development of the PAT

## *Weekly Summary*

The main goal this week was to meet with Ruben and get more specific details about the project.

## *Meeting notes:*

### *9/15 Group Meeting*

**Duration:** *1 hour*      **Members Present:** *All*

#### **Purpose and Goals:**

- Introduce ourselves to Ruben.
- Consult Ruben for advice on how best to get started on the project.
- Have Ruben answer our initial questions about the project.

#### **Achievements:**

We met Ruben and he answered all of our questions, helping us determine a lot of new information about the project:

- Main purpose: **Pre-assessment experience** for potential community college students.
- Current prototype: built with MySQL and PHP
- Use Windows or Linux server, whatever works with most college campuses.
- System independent log-in
- Users:
  - students - take tests, view results, find resources, restart test where they left off(?)
  - instructors - create questions, topics, and tests
  - school admins - manage instructors for university
  - system admin - manage school admins, aggregate data mining
- Typical student testing process:
  - Student receives email telling them to prepare for placement test with link to PAT.
  - Student clicks link, watches video about assessment process.
  - Student logs in/creates account.
  - Student chooses math or English
    - English (student always takes 1 or 2 exams):
      - Reading comprehension test
      - Sentence completion test
      - View scores/placement and resources
    - Math (starts with lowest level of math):

- Answer 10 questions
    - If enough answered correctly, move up to 10 harder questions.
    - If too many incorrect, view scores/placement and resources.
- Time limit? Not on actual tests, but there is a “practical time limit” of 2 hrs. Give admins the ability to set time limits.
- Question types: multiple choice with 4 or 5 options. Currently no tests ask students to choose a subset of the answers, but add in as an extra feature for admins just in case the tests change.
- PAT does not need to be an app, just mobile friendly.
- Intellectual property belongs to ELAC.
- No need to sign nondisclosure, so we could present on this.

## *Pending issues*

1. We need to send Ruben an updated version of the site map to double-check.
2. We need to pin down the framework/software that we'll be using.
3. We need to set deadlines for the project this fall (for prototypes).

## *Plans for next week*

Describe who will do what .....

1. Peter: lead the team's effort to create an accurate site map and find a framework for the project.
2. Josh: begin work on the website, check out Reuben's prototype in more detail.
3. Nathan: Continue to familiarize himself with Bootstrap, Windows MVC.
4. Colin: begin work on requirements and design
5. Alex: continue checking out the prototype, start planning screengrabs for visual part of the program

## *Individual Contributions(this week)*

**Peter Benzoni** - Attended the meeting. (1 hour) , worked on site mapping (2 hours)

**Josh Schmitt** - Attended the meeting. (1 hour) , worked on site mapping (2 hours)

**Nathan Steussy** - Attended the meeting. (1 hour) , worked on site mapping (2 hours)

**Colin Duffy** - Attended the meeting. (1 hour) , worked on site mapping (2 hours)

**Alex Yasa** - Attended the meeting. (1 hour) , worked on site mapping (2 hours)

## *Total contributions for the project*

**Peter Benzoni** (3 hours) ,

**Josh Schmitt** (3 hours) ,

**Nathan Steussy** (3 hours) ,

**Colin Duffy** (3 hours) ,

**Alex Yasa** (3 hours)