CALCULATING STUDENT SUCCESS: ONE ASSIGNMENT AT A TIME

Terry Barksdale/Associate Professor and Head Librarian, Austin Community College, Cypress Creek Campus
Michael Anderson/Instructional Resources and Technology, ACC, Cypress Creek Campus

DRIVERS

Information Literacy ReDesign: Small Pieces Loosely Joined, 2011-2014
ACC students often drop a course when they discover they are not prepared to successfully complete an assignment.

Familiar with this student paradigm, Library Services worked with the IRT department to create a joint project to develop an assignment calculator.

The first step was to investigate open source tools to find one that could present motivated students with a step-by-step personalized framework for success on each assignment.

### TIMELINE

<table>
<thead>
<tr>
<th>PHASE</th>
<th>START</th>
<th>END</th>
<th>DELIVERABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCAL PROTOTYPE DEVELOPMENT</td>
<td>3.28.2016</td>
<td>4.8.2016</td>
<td>REPORT W/SCREEN SHOTS</td>
</tr>
<tr>
<td>MIGRATE TO EXTERNAL SITE (GOOGLE)</td>
<td>4.11.2016</td>
<td>4.20.2016</td>
<td>URL</td>
</tr>
<tr>
<td>INSTRUCTIONAL LITERACY TEAM REVIEWS</td>
<td>4.20.2016</td>
<td>5.11.2016</td>
<td>RECOMMENDATIONS</td>
</tr>
<tr>
<td>VIRTUAL LIBRARY SCIENCE DEPARTMENT FACULTY TEAM REVIEWS</td>
<td>4.20.2016</td>
<td>5.16.2016</td>
<td>PRESENTATION</td>
</tr>
<tr>
<td>MIGRATE TO ACC SITE</td>
<td>5.26.2016</td>
<td>6.27.2016</td>
<td>URL</td>
</tr>
<tr>
<td>DEVELOP DOCUMENTATION</td>
<td>8.15.2016</td>
<td>12.15.2016</td>
<td>PRINT/VIDEO</td>
</tr>
<tr>
<td>TEAM REVIEW DOCUMENTATION</td>
<td>7.15.2016</td>
<td>7.29.2016</td>
<td>RECOMMENDATIONS</td>
</tr>
<tr>
<td>REVISE DOCUMENTATION</td>
<td>8.15.2016</td>
<td>8.19.2016</td>
<td>REVISED PRINT/VIDEO</td>
</tr>
<tr>
<td>PILOT AT CYPRESS CREEK</td>
<td>8.15.2016</td>
<td>12.15.2016</td>
<td>URL</td>
</tr>
<tr>
<td>ANALYZE DATA AND CREATE REPORT</td>
<td>12.15.2016</td>
<td>1.15.2017</td>
<td>REPORT</td>
</tr>
</tbody>
</table>
ITERATIVE DESIGN PROCESS

CURRENT FEATURES

- Multiple roles
  - Administrator
  - Publisher
  - Instructor
  - Student
- Ability for faculty members to enter/modify contextual information
- Ability for faculty members to create their own assignments using existing templates
  - OR
- Start from scratch
- Integrated research databases and online tutorials
**PLANNED FEATURES**

- Email reminders
- LDAP authentication
- Blackboard integration

**TO BE PROVEN**

- Improved student outcomes
- Fewer student drops
FEATURES YOU'D LIKE TO SEE

1. A
2. B
3. C
4. D
5. E
6. F
7. G

THANK YOU

Terry Barksdale  
thbarksdale@austincc.edu

Michael Anderson  
michael.anderson1@austincc.edu