INITIAL PROJECT PROPOSAL

JobSpeaker Integration

EXECUTIVE SUMMARY – SECTION 1

JobSpeaker is the tool of choice of Bakersfield College, Cerro Coso College and Porterville College to connect students with Work Based Learning opportunities, employment opportunities and employers relevant to their field of study. JobSpeaker allows the colleges to easily attain and gather this employment data for reporting purposes, curriculum and skills gap analysis as well as a suite of tools utilized to maximize the efficiency of the departments and staff using JobSpeaker.

By utilizing the college's curriculum information, JobSpeaker maps skills to each program/major offered at any of the colleges in order to automatically build a skills profile for each student (based on their declared Major as determined from the SIS). Students and graduates of each program can then be matched to the opportunities and jobs best suited to the skills they have acquired from their studies, allowing the college to easily discern any skills gaps between their curriculum and labor market demands.

All three colleges support this project and categorical funding will offset all costs of the implementation of the integration project, including but not limited to the outsourcing of work to private contractors.

BUSINESS PROBLEM

In order to fully understand how well your college is preparing and providing students with their first entry into the job market integration between JobSpeaker and the college's curriculum and student information systems would be optimal. Doing so would maximize the efficiency in tracking the students on their path through the college as they engage in educational, work based learning activity and ultimately into the job market. Plus it engages employers in a dynamic conversation around what skills they are looking for from the colleges and students which assists the colleges to adapt their curriculum to employer needs.

At this time, the necessary curriculum information is attained via the college catalog (pdf/text) and the program information, including course structure and outcomes are built manually. This is an inefficient process that requires a constant manual audit. By integrating into your curriculum and/or SLO system we reduce the need for manual data entry thus reducing errors and costs.

Currently, student accounts are created manually, by the students themselves at the instruction of college employees involved in the initiative. By integrating with the colleges student information system, all students can have accounts created for them, increasing engagement, reducing errors and improving the ability to report more metrics to support additional incentive based funding from the state.

ANALYSIS

Integration will automate the exchange of information and required data between the college and JobSpeaker, and decrease the efforts and time spent by staff of the college aiding in these efforts/tasks. By integrating with student information systems, student engagement will increase as well.

Without integration, the process will continue to be manual and the colleges will not be able to receive their full requests of import of curriculum data in a timely manner, with integration it would be instantaneous. Furthermore, the staff and faculty will continue to have to instruct and encourage students to create their accounts manually

- Reducing hurdles for students as they come on campus
- Increasing the ability to engage with student while on campus and as alumni
- Increasing ability to track/report on student success in education attainment
- Increasing ability to track student outcomes as they engage in the job market through work based learning, jobs and career progression

What timeframe are you hoping to get the solution\problem resolved within?

Q1 2019

SOLUTION

For the Colleges to work with JobSpeaker to implement:
- Integration into SIS – Banner, Colleague, etc. via Ethos or other means
- Integration or on-going updates available from Curriculum and SLO system(s) e.g. Curricunet, eLumen
- Providing Single Sign-On (SSO) for students on a campus
- On-going data updates via SIS and Curriculum/SLO

OBJECTIVES

Provide the scope of the proposed solution

Note: Please be as thorough as possible in what you want implemented (for example, if there are multiple modules in a software/hardware solution, which of those are you hoping to implement?) The scope that is defined in this section will help determine the resource needed for the project and shouldn't be changed once the project is in the queue.

The scope of the work is to ensure students have access to JobSpeaker as seamlessly as possible to allow the college to work with each student within the platform without undue manual entry required. To reduce load on faculty, college admin staff and counselors in working/engaging with and distributing information to students, in collecting data about students achievements and their interaction with the job market.

DELIVERABLES

List the project deliverables. A deliverable is a unique and verifiable product, result, or capability to perform a service that must be produced to complete a process, phase, or project.

Requirements

- Integration into SIS – Banner, Colleague, etc. via Ethos or other means
- Integration and/or on-going updates available from Curriculum and SLO system(s) e.g. Curricunet, eLumen
- Providing Single Sign-On (SSO) for students on a campus
- On-going data updates via SIS and Curriculum/SLO

ESTIMATED COST

Provide high-level cost information or funding(s) for implementing the proposed solution. Items include Software, hardware, training, ongoing license\maint, purchase price.

Description	Estimated Cost
Cost is unknown - All three colleges support this project and categorical funding will offset all costs of the implementation of the integration project, including but not limited to the outsourcing of work to private contractors.	
Ongoing cost of solution (sponsor will commit to funding)	
TOTAL ESTIMATED COST OF PROPOSED SOLUTION	

AUTHORIZATION – SECTION 1

Date: _____   _____ Project sponsor approval

COLLEGE REVIEW AND APPROVAL – SECTION 2

Note: This section to be completed by the campus IT Director, or in the case of the district office, a district office IT Director.

Provide high-level, summary information about the project and why it is needed. This section is submitted to the college's technology committee and approved locally before submission to the district wide committee.

If it is determined it can be done locally no further submission into the district wide process is required and the college will proceed as needed.

The following are areas that need to be reviewed and verified prior to further submission into the process. Several of these sections will help indicate if District Office resources are needed.

☐ SSO (Single Sign-on) – Will staff need to have access to the system (internal\external to the district).

☐ Data integration- What other systems will this solutions' data need to access - both internal\external to the district.

☐ New application – Is this a new application in the district

☐ Security – Data\access security analysis

☐ Legal – Contracting language, FERPA, HIPPA, etc.

☐ Accessibility – ADA, 508 compliance

ESTIMATED TOTAL COST OF OWNERSHIP

This section will share how this product will be supported for the duration of the life cycle until it is discontinued. Key parts will include:

☐ Ongoing funding source – This is GUI, RP, grant, etc.

☐ Staff support – how will this be supported for ongoing maintenance of the solution

If this is a grant funded project the college will provide the resources to support this system once the grant funding has ended.

AUTHORIZATION – SECTION 2

Date: _____   _____ IT Committee Faculty Co-chair

Date: _____   _____ College IT Director approval

COMMITTEE REVIEW – SECTION 3

ESTIMATED SCHEDULE

Provide high-level schedule key milestones.

Project Milestones and/or Phases	Estimated Completion Date
Start of Project	
End of Project	

Modifications to any requirements, timeline, scope, etc. of this project can only be authorized with a formal change control request and with approval of the below signatories

Date: _____   _____ College IT Director approval

Date: _____   _____ Chief Information Officer

This section still in development.