

CollegeSPARC

Success . Promote . Advise . Retain . Career



Getting Higher Education on Track!

Improve **retention** and promote **on-time graduation**
by empowering students for **success**

A white silhouette of a graduation cap (mortarboard) is centered in the lower right quadrant of the page. It is surrounded by several white, rounded rectangular shapes of varying sizes, some of which are oriented vertically and others horizontally, creating a decorative, sunburst-like pattern.

Developed in partnership with
Brigham Young University—Idaho



Introducing CollegeSPARC

Excelsoft has developed CollegeSPARC to help institutions and students– to produce or become quality, employable graduates.

CollegeSPARC is a data-driven software suite that empowers students to take control and navigate optimally through college education. It helps universities directly address the four major challenges of **college readiness, retention, on-time graduation** and **preparedness for careers**.

CollegeSPARC Modules



Academic Preparation

Provides resources, suggestions and tools to prepare students academically for university education in the areas of math, writing, reading, and study skills.



Educational Strategy

Applies personalized interest and aptitude assessment data to university offerings and the latest job market analytics, to empower student decision making on the right career and degree program.



Grad Planner

Helps students translate their academic major decision into a viable plan. Assists in optimum course selection and planning. Supports them in evaluating the opportunity cost and impact of any major changes.



Roadmap

Allows academic and non-academic milestones to be set, to keep students progressing towards their goals. Helps students remain career focused by tracking their progress against the competencies needed to succeed in their chosen career.



Student Performance

Enables direct measurement of a student's academic performance against designed learning outcomes and measures progress against key competencies for the chosen career. Also aids program accreditation processes.



Academic Success

Nudges students towards supplementary learning content and practice quizzes to strengthen their weak areas. Identifies the need and enables tutoring sessions for personalized assistance.



Advising

Facilitates the meetings between students and advisors throughout their academic cycle. Keeps track of all advisory interactions for consistent and well-informed follow-up advisory sessions.



Predictive Analytics

Uses big-data and advanced statistical algorithms to generate insights and recommendations that help students make the right academic and career decisions. Generates reports and alerts for advisors and faculty for timely intervention.



Careers & Internships

Provides students with resources and advice to prepare for careers. Suggests events, internship and job opportunities aligned with their competencies and career preferences. Connects students to alumni mentors. Enables employers to connect to students with the desired competencies.



Implementation and Roll-out

Excelsoft partners with colleges and universities to understand their needs and come up with a viable implementation plan that includes:

- Detailed requirements analysis taking into consideration, the existing platforms
- An approach to leverage upon the university's existing data collection, integration and consolidation backbone, or create a new one
- Customizations and integrations required to address the unique needs of the university
- A phased roll-out and implementation strategy
- An on-boarding plan for students, faculty, advisors and other key stakeholders
- Hosting, infrastructure and application support



Academic Preparation



Education Strategy



Grad Planner



Roadmap



Student Performance



Academic Success



Advising



Predictive Analytics



Careers & Internships

Student Planning Tools | Institutional Tools | Student Services | Analytics & Reporting



Data Foundation

Student Information System (SIS)

Learning Management System (LMS)

Assessment Management System (AMS)

Curriculum & Catalog Management

Other Systems, Portals etc.

Occupational Wages, Industry Trends & Employment Data

Your existing systems

Architecture and Design

CollegeSPARC offers unparalleled planning and decision making capabilities to students, faculty and advisors by leveraging upon your existing technology investments.

- Modular architecture and standards based integrations
- Student facing, mobile-first design
- SIS and LMS agnostic architecture
- Scalable and high performance architecture to support a growing student population
- Long-term analytics strategy for the university using a robust data-foundation

Student retention and on-time graduation are major challenges facing the US higher education system.

“Only 61% of full-time students beginning college will earn a degree within six years¹”

With a recent shift towards performance-based funding for higher education institutions, it is becoming increasingly important for colleges and universities to rethink their planning, advising and career services.

¹ The US Department of Education, *Condition of Education 2021*, May 2021

College Readiness

"More than half of the students who join colleges are under-prepared²"

CollegeSPARC provides resources, advice and tools to prepare students academically for university education. It applies personalized interest and aptitude assessment data to university offerings and the latest job market analytics, to empower student decision making on the right career and degree program.

Planning & Success

"Over 40% of students who join college, never graduate³"

CollegeSPARC ensures that students become actively involved in making decisions. It provides them with the tools to create and maintain viable academic plans, provides visibility into the future and helps them strengthen their weak areas through insightful advice and remediation. Throughout the program it engages them and provides timely interventions in terms of tutoring, online remedial learning and advising sessions with a program counsellor so that they can graduate on time, successfully.

Career Readiness

"Only 4 out of 10 students that enter college, get a job that actually requires a college degree⁴"

CollegeSPARC helps students see opportunities and know what they're working towards. Based on a competency-driven career focused approach, it nudges the students towards acquiring the key competencies and skills needed to pursue their chosen careers. CollegeSPARC enables the students with information, tools and resources to prepare for their careers and connects them with the right mentoring, internship and job opportunities.

Sources:

² <https://hechingerreport.org/colleges-enroll-students-arent-prepared-higher-education/>

³ The Condition of Education 2014, National Center for Education Statistics

⁴ Education Advisory Board Daily Briefing / January 26, 2015

CollegeSPARC Benefits

- Improve retention and promote on-time graduation
- Bring consistency in the quality of interaction with students
- Deliver more value by lowering the relative cost of educational programs for students
- Serve more students with the existing staff and infrastructure
- Prepare high quality graduates who are employable by the industry



Excelsoft provides innovative technology-based solutions catering to the needs of corporations, educational publishers, schools, universities, government & defense sectors. We architect, design and develop learning environments, assessment tools and digital content and product solutions for some of the best known companies and academic institutions worldwide.

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