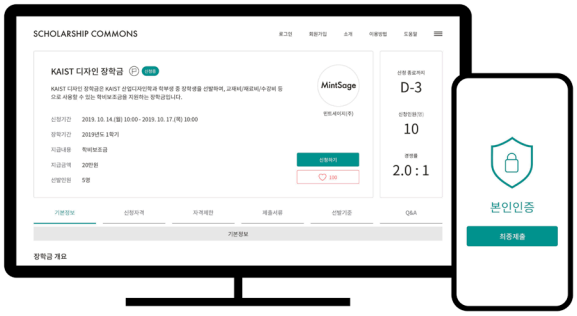
SCHOLARSHIP COMMONS

Patented Online Scholarship Management System

Guide to Managing Scholarship

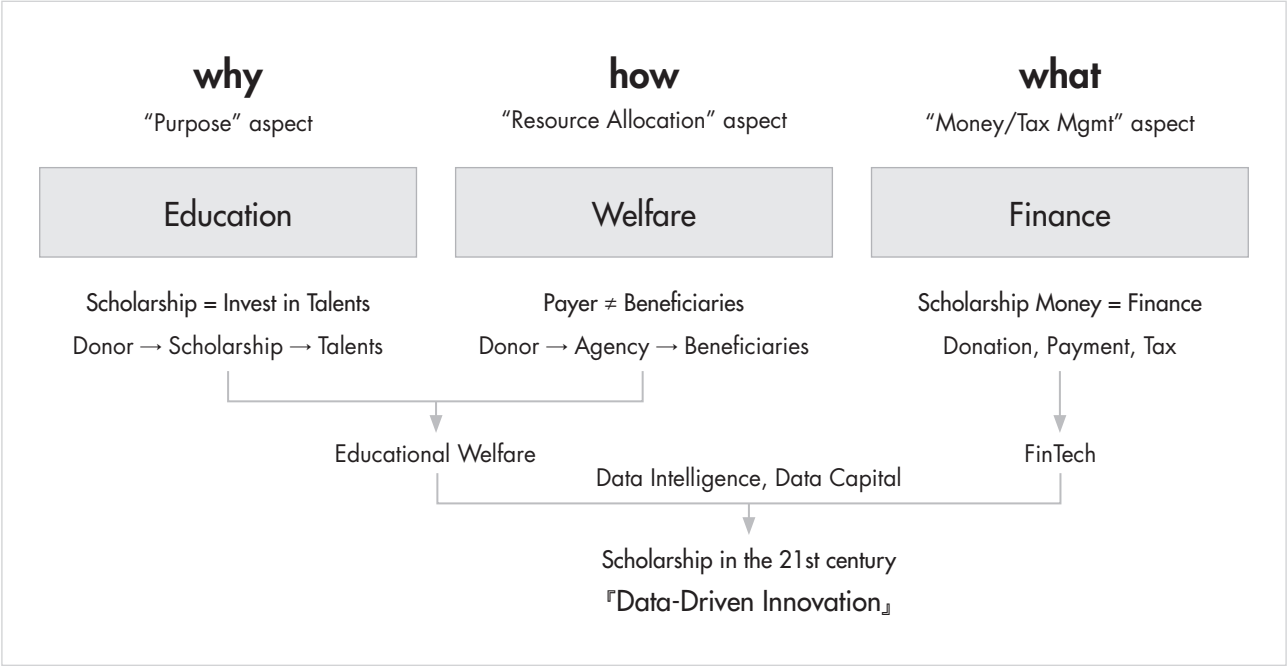
2020-2021



www.scholarshipcommons.com

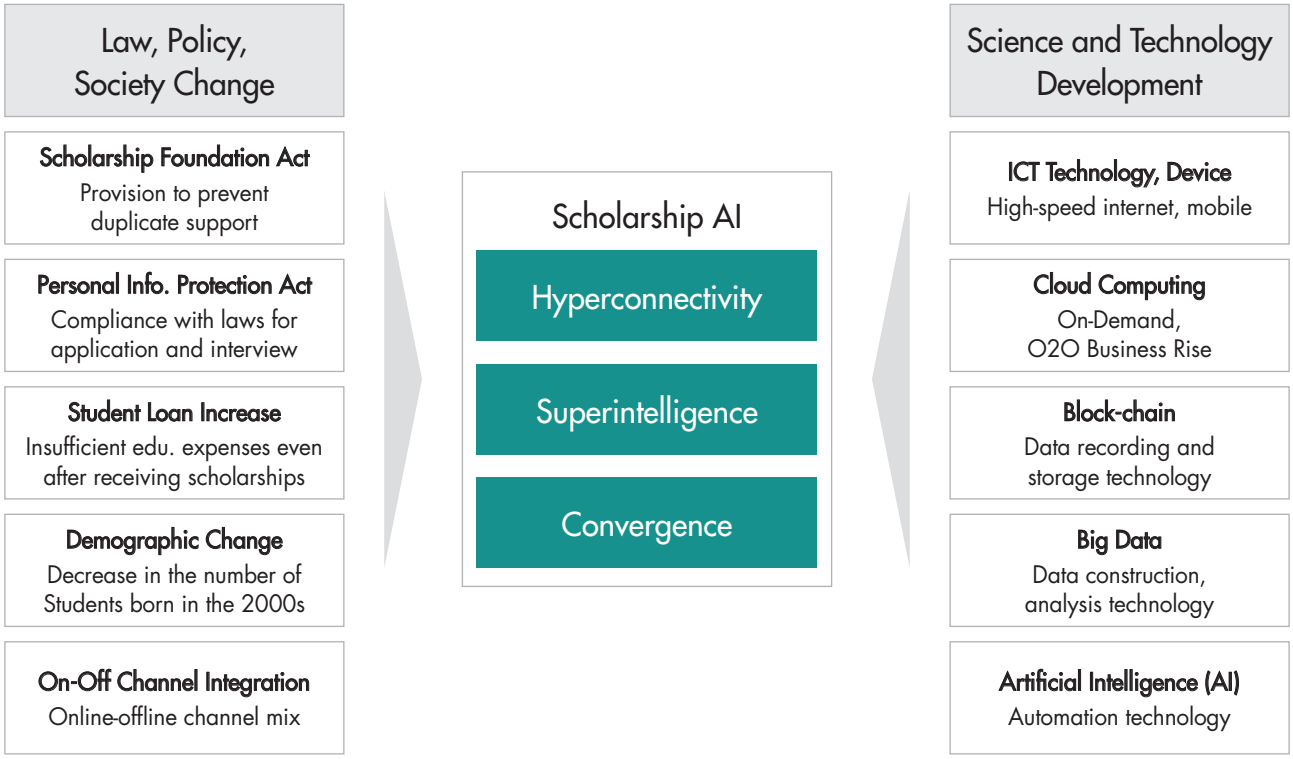
Scholarship Industry

「Scholarship needs to combine education, welfare, and finance.」



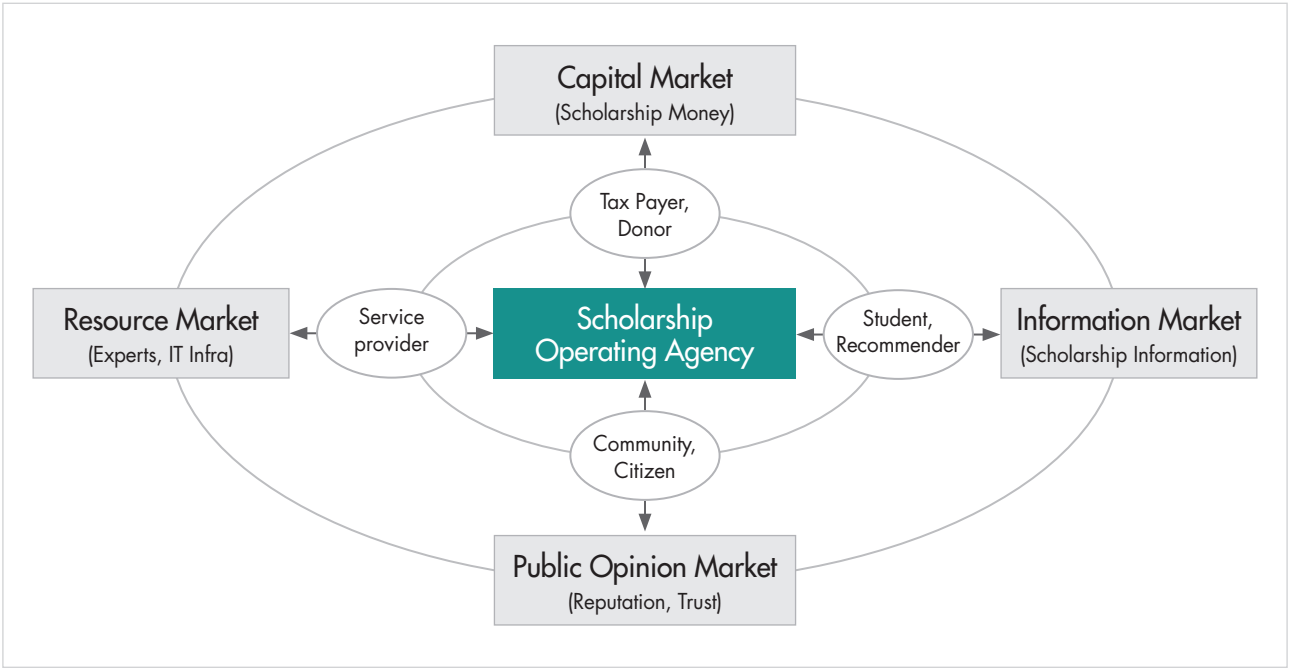
Direction of Change

「The need for scholarship AI development is increasing.」



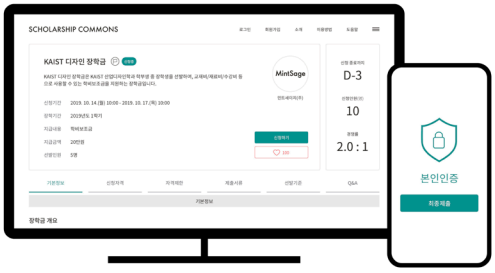
Scholarship Markets

「Scholarship has multiple users in four markets.」



Scholarship Commons : Introduction

「Scholarship Commons is an Online Platform.」

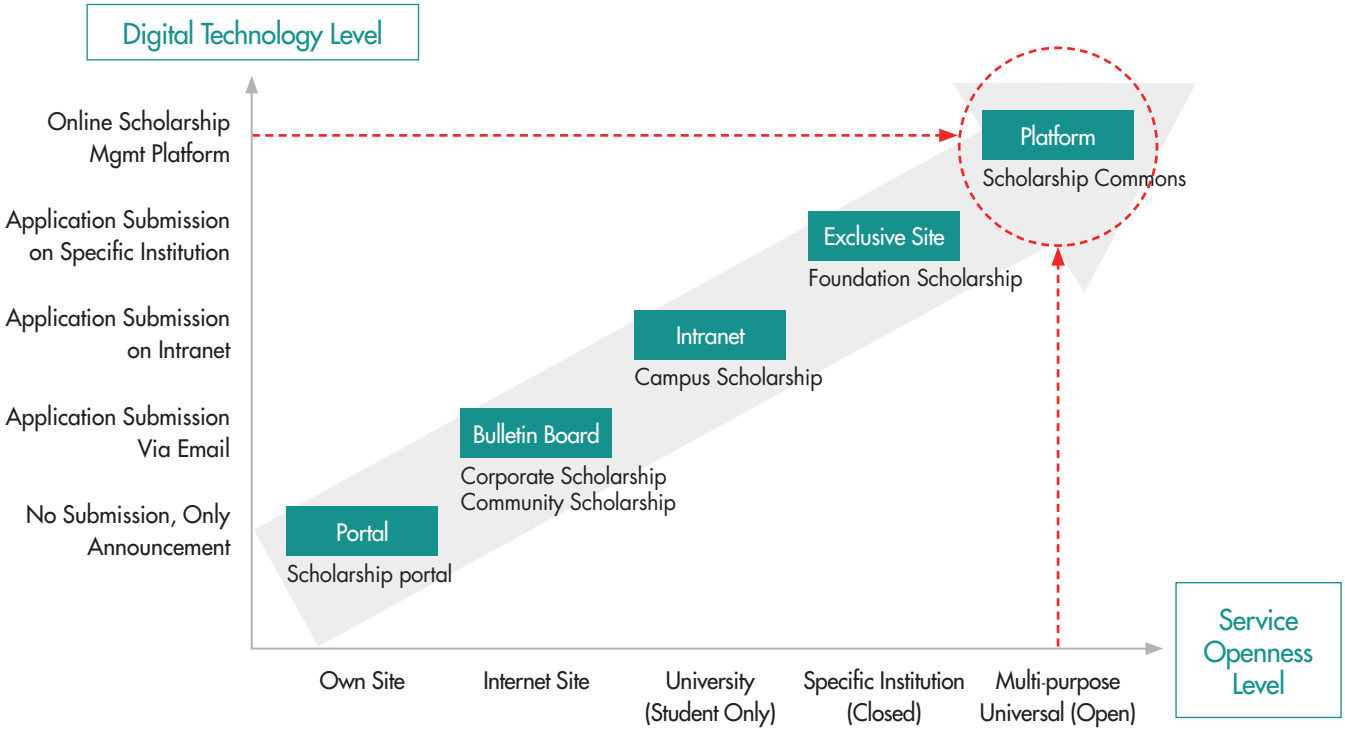


Selection Mgmt Software	Scholarship Archive	Communication Channel
Scholarship Management SaaS (Software-as-a-Service)	Documents, Records of Submission & Evaluation	User Communication Network (Agency · Students · Evaluator, etc.)

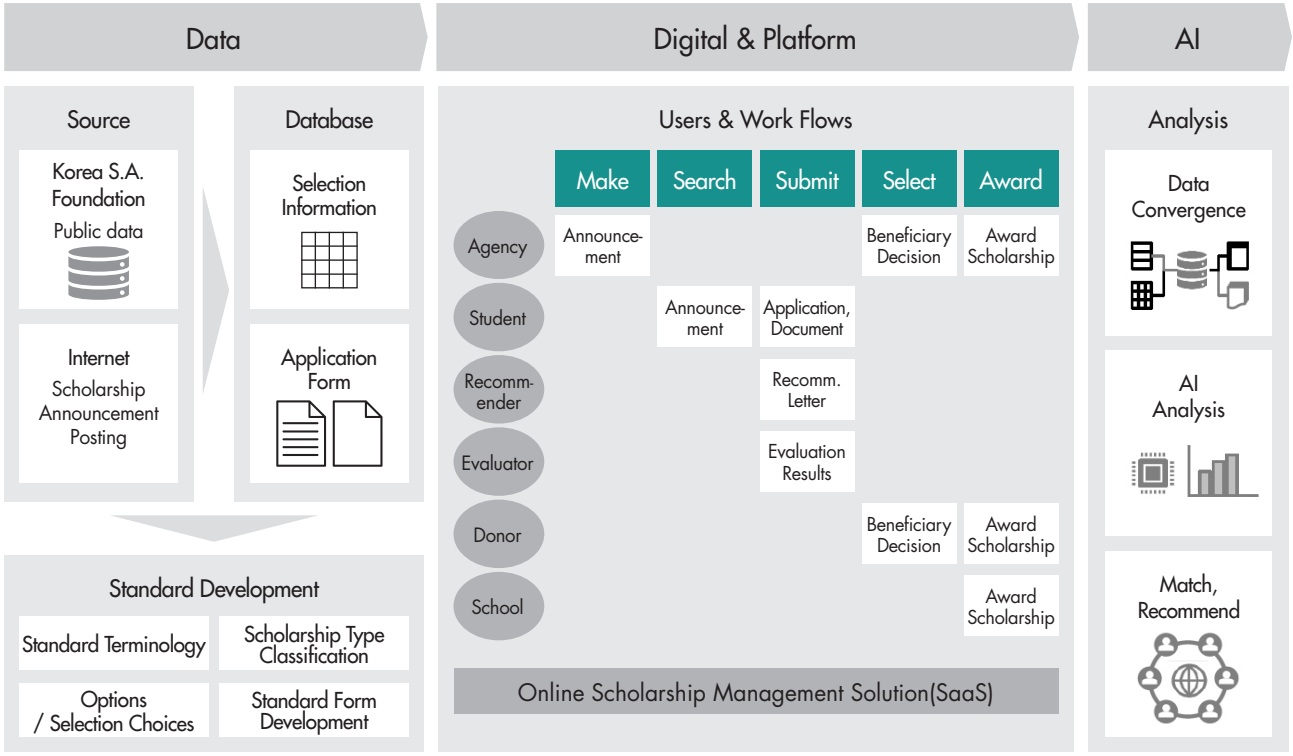
Production System	Search System	Submission System	Evaluation System	Comm. System
•Application form •Recommendation form •Evaluation form	•Announcement posting •Scholarship search	•Application document •Recommendation letter •Evaluation result	•Evaluator appointment •Random assignment •Blind evaluation	•Result notification •Scholarship Inquiries

Evolution of Digital Scholarship

「Scholarship Commons runs the entire selection process on the internet.」

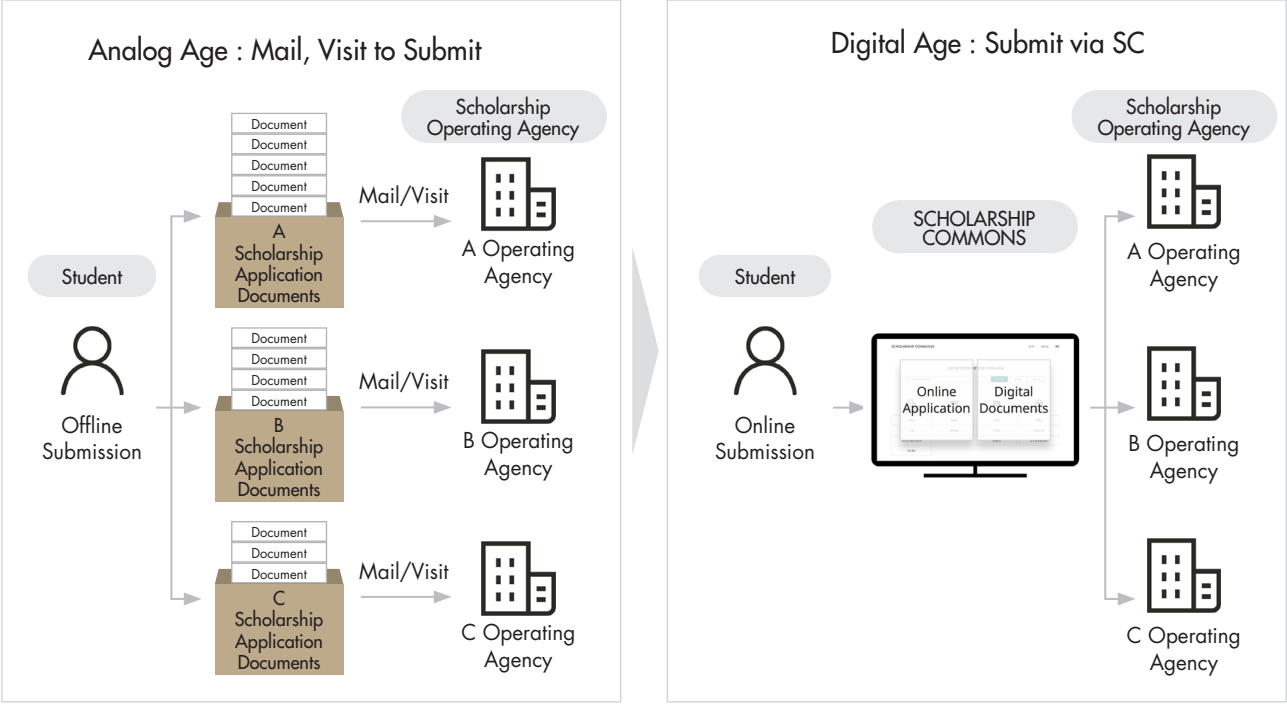


Scholarship Commons : Conceptual Diagram



Scholarship Commons : Digital Transformation

「Scholarship digital transformation pursues standardization, digitalization, and networking.」



Analog vs. Digital

	Analog Scholarship	Digital Scholarship
	Paper-based Offline	E-Document Online
Data Entry	Manual input	User input, automatic input
Info. Storage	Box storage, file storage	Cloud storage
Form Production	Paper form, electronic form	Digital form creation
Scholarship Search	Bulletin board; Scholarship site	Online, mobile search
Application	Email submission; Mail or Visit	Electronic documents submission
Conflict of Interest	Infrequent verification process	All users check whenever necessary
Evaluation	Paper document, offline screening	Electronic, digital, blind screening
Randomization	Administrator assigns evaluators	Computer assigns evaluators
ID Verification	Face to face; Visit	Un-contact, Online authentication

Scholarship Digital Transformation Diagnosis

「Below is a list of questions to be answered before introducing a digital scholarship platform.」

Checklist for Online Scholarship Management

Do we need a digital scholarship management platform?

0 - 2 : We don't need a digital platform yet.
3 - 5 : We should at least consider the possibility of using a digital platform.
6 - 8 : We strongly need to consider to use a digital platform.
Over 9 : We need a digital platform right away.

Resources

- ☐ Selecting scholarship recipients through paperwork and interview is too much of a hassle.
- ☐ We need to cut down the cost of processing scholarship applications.
- ☐ It would be nice if there was a common application system for scholarship such as the common application for college admission.
- ☐ We need to streamline and standardize scholarship application forms.
- ☐ We are in search of a back-to-back IT solution that empowers us to manage the entire process of scholarship application.

Data

- ☐ We have to enter contents of submitted papers to computer manually, including application documents, letters of recommendation, and scholarship evaluation forms.
- ☐ Each scholarship has its own form and coordinator, making data management difficult.
- ☐ We want to make all analog paper-based formats into digital electronic-based formats.
- ☐ We want to securely store our scholarship database.

Evaluation

- ☐ The process of appointing and assigning evaluators is difficult and time consuming.
- ☐ We want to identify conflicts of interest among users (agency members, students, evaluators, recommenders, etc.).
- ☐ We want to bring more fairness and transparency to the evaluation process.
- ☐ We need a blind assessment system to promote the integrity of the scholarship evaluation.

Selection

- ☐ We need all relevant information and data on scholarship review at my fingertips.
- ☐ We want to monitor all stages of processing scholarship selection online.
- ☐ We want to inform the recommender of whether or not the nominee is selected.

Communication

- ☐ It is not easy to post scholarship announcements online.
- ☐ It takes time and effort to complete a scholarship management report.
- ☐ We need to convert all information on scholarship evaluation results into document form.
- ☐ We want an online channel for Q&A (Questions and Answers).

Scholarship Digital Transformation Approaches

「Scholarship Digital Transformation (DT) is possible by using Scholarship Commons.」

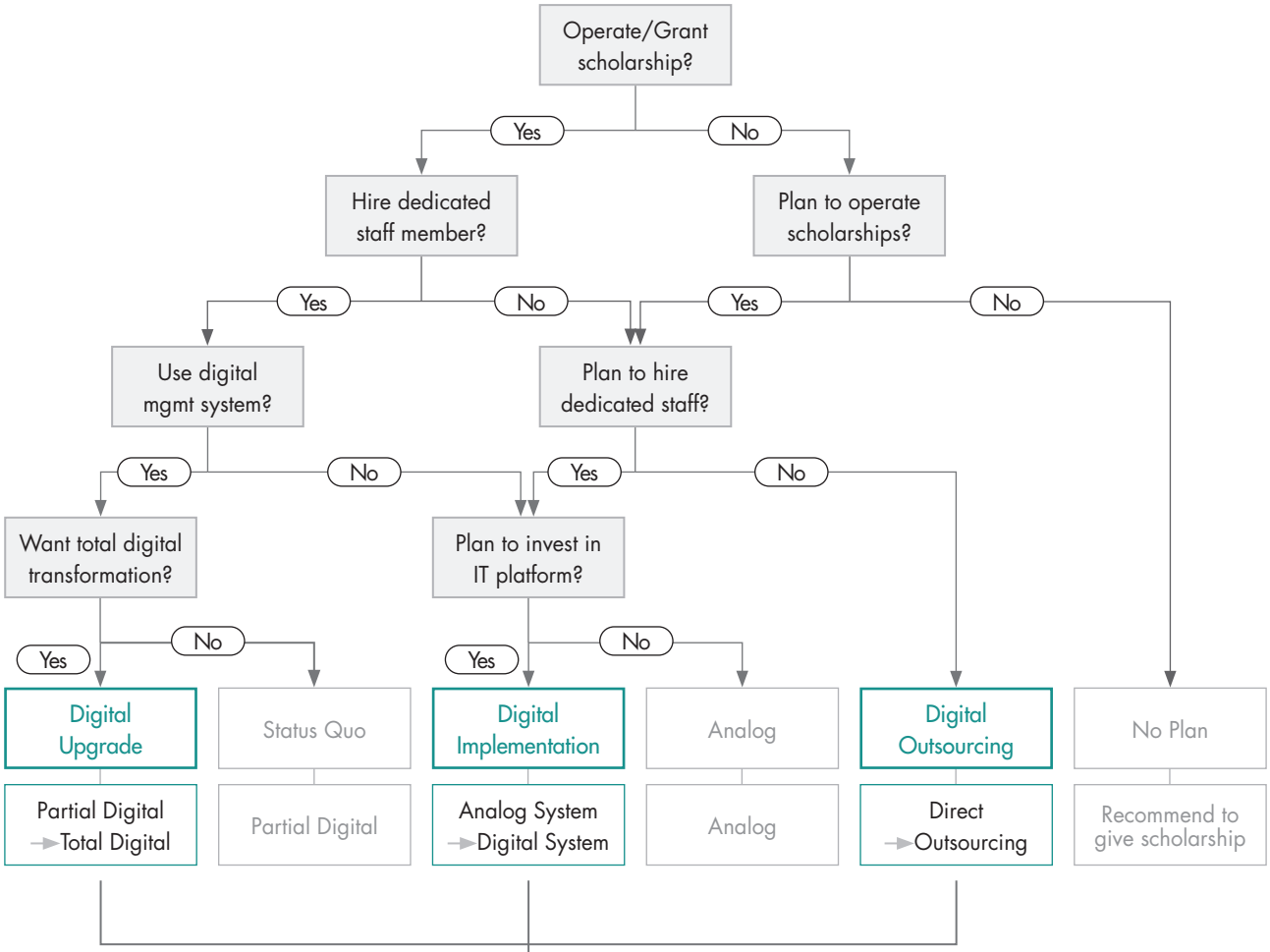
Three Questions to DT

1. Operate/Grant scholarship?
2. Hire dedicated staff members?
3. Invest in scholarship IT infra?

Three Approaches to DT

1. Digital Implementation : Analog → Digital System
2. Digital Upgrade : Partial → Total use of Digital
3. Digital Outsourcing : Direct → Outsourcing

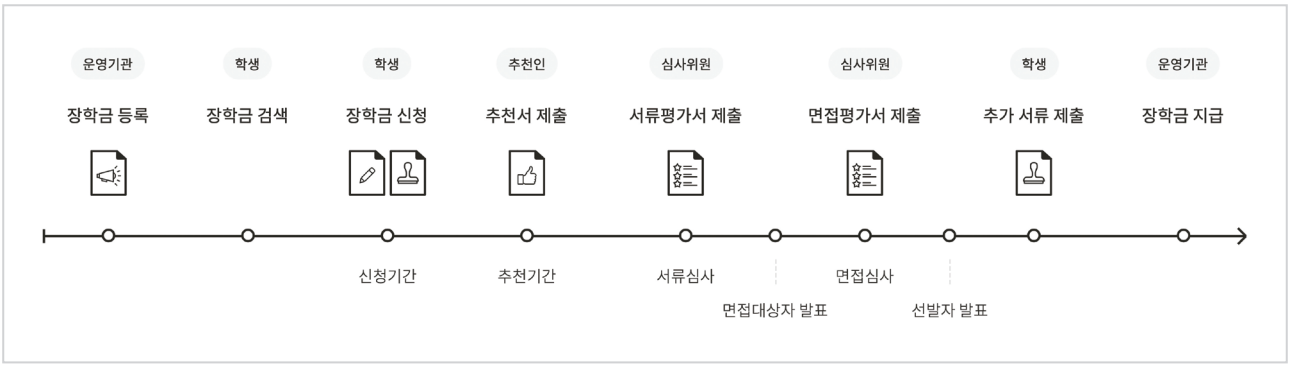
• Scholarship DT Approach Finder



Introducing Scholarship Commons

Scholarship Commons : Process

「Scholarship selection is administered online.」



1. Sign Up for Membership

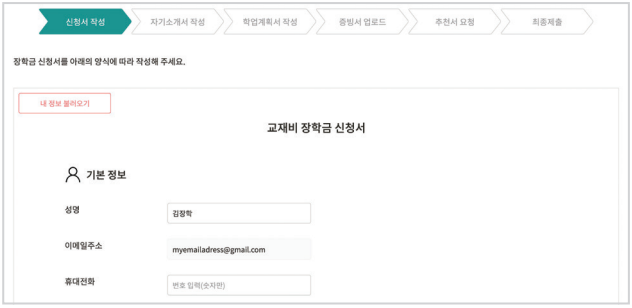
Sign up for Scholarship Commons as a member.

2. Register Scholarship Program

Agencies register and manage scholarships online.

3. Apply For Scholarship

Students apply for scholarship programs online.

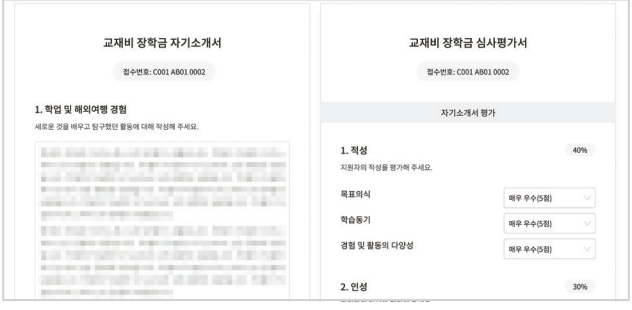


4. Submit Recommendation Letter

Recommenders submit recommendation letters online.

5. Submit Evaluation Report

Evaluators submit evaluation results online.

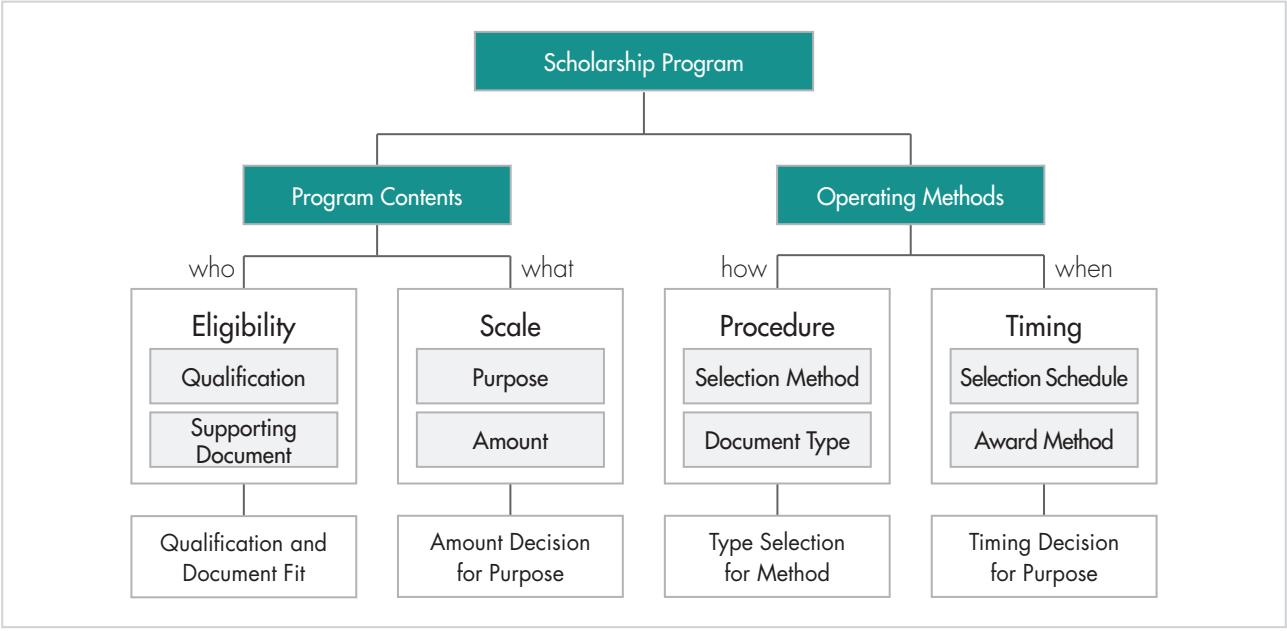


6. Notify Selection Result

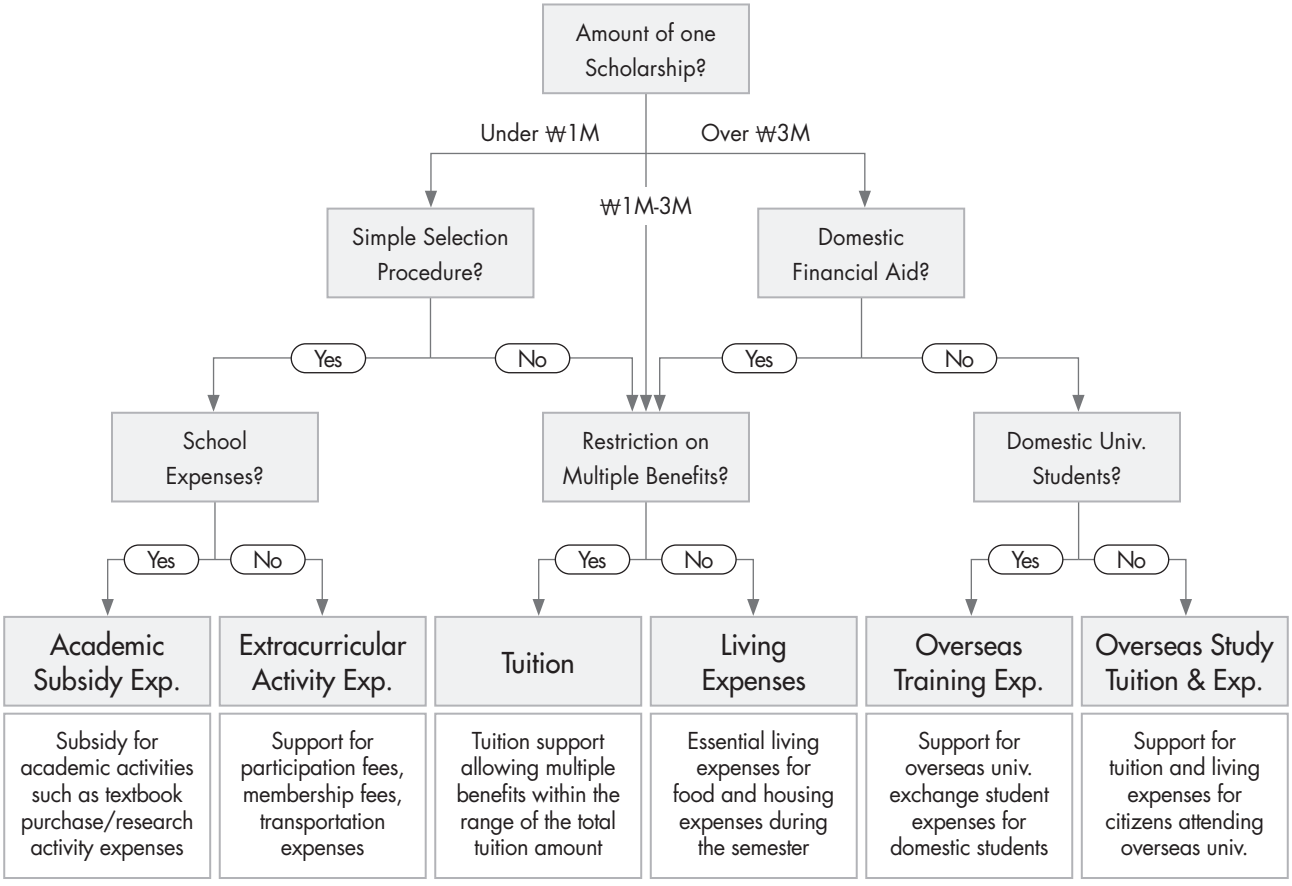
Selection results are automatically notified to students, etc.

Scholarship Framework

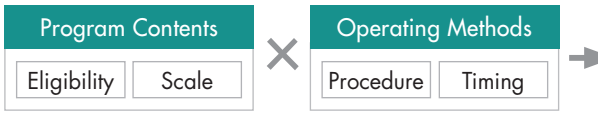
「SF is a basic conceptual structure to develop scholarship programs.」



• Scholarship Purpose Finder



Scholarship Program Development



• Contents: Qualification and Scale are decided.
• Methods: Procedures and Timing are selected.

• Scholarship by Eligibility

Division		Scholarship Type					Degree, Major
		Merit-based	Need-based	Competence-based	Affiliation-based	Region-based	
Eligibility	Qualification	• School grade • Test scores (SAT, etc.)	• Low income class • The vulnerable • Crisis family, etc.	• Language ability • Competition award • Certification • License • Patent • Volunteer, etc.	• School alumni • Veteran family • Disabled family • Society member • Association • Family, relatives • Religious org, etc.	• A rural student • Local resident • Countryside student • Birth place, etc.	• Degree program • Major field, etc.
	Supporting Document	• Transcript • School record • Test score certificate, etc.	• Income quintile confirmation • Certificate of recipient • Certificate of crisis situation, etc.	• Language score • Award certificate • Copy of license • Patent registration • Volunteer confirmation, etc.	• Parent graduation • Education support eligibility • Family relations certificate • Member certificate, etc.	• National ID card • Rural resident confirmation letter, etc.	• Certificate of enrollment • Certificate of completion • Graduation certificate, etc.

※ Qualification requirements consist of (1) scholarship types (merit, need, competence, etc), (2) degree (bachelor/master/doctoral/post-doctoral), (3) major field.

• Scholarship by Purpose

● Requisite △ Optional × Unnecessary

Division		Scholarship Purpose					
		Tuition	Living Expenses	Academic Subsidy Expenses	Extracurricular Activity Expenses	Overseas Training Expenses	Overseas Study (Degree) Expenses
Scale	Scholarship Purpose	Tuition	Food, Housing, Transportation, etc.	Textbook purchase, Research exp, etc.	Membership / Participation fees, etc.	Exchange student program fees, etc.	Tuition, living expenses, etc.
	Scholarship Amount	₩1M – Full amount	₩1M – 3M	₩0.1M – 1M	₩0.1M – 0.5M	₩3M – 7M	₩3M – Full amount
	Scholarship Period	One to multiple semesters	One semester	One semester	One semester	One to multiple semesters	Multiple semesters
Procedure	Document	●	●	●	●	●	●
	Recommend Letter	●	△	△	×	●	●
	Interview	△	△	×	×	●	●
Timing	Selection Schedule	1–2 months before the semester	1–2 months before the semester	During the semester	Year round	4–6 months before the semester	1 year before the semester
	Award Method	School/Student bank account	Student bank account	Student bank account	Student bank account	Student back account	Student bank account

※ Custom scholarships can be designed for specific applications. The amount of scholarship is a suggested range for each scholarship purpose.

Scholarship Program Development Example

Scholarship Program

- Registration: Entering contents and methods activates the SC system.
- Execution : Announcement ➞ Application ➞ Evaluation ➞ Selection.

● Program Registration

1. Program Contents

(1) Qualification	Merit	Need	Competence	Affiliation	Region	Degree, Major
(2) Purpose	Tuition	Living Expenses	Academic Subsidy Exp.	Extracurricular Activity Exp.	Overseas Training Exp.	Overseas Study Exp.

2. Operating Methods

(3) Procedure	Document	Document + Interview				
(4) Document Type	Application	Personal Statement	Study Plan	Recommen-dation	Evaluation	
(5) Schedule	Application Period	Recommen-dation Period	Evaluation Period	Announcement Date	Additional Document	Award Date

● Program Example

1. Program Contents

[Ex] 00 University Alumni "Textbook Scholarship"

(1) Qualification	Merit	**Need**	Competence	**Affiliation**	Region	Degree, Major
(2) Purpose	Tuition	Living Expenses	**Academic Subsidy Exp.**	Extracurricular Activity Exp.	Overseas Training Exp.	Overseas Study Exp.

2. Operating Methods

(3) Procedure	**Document**	Document + Interview				
(4) Document Type	**Application**	**Personal Statement**	**Study Plan**	Recommen-dation	**Evaluation**	
(5) Schedule	**Application Period**	Recommen-dation Period	**Evaluation Period**	**Announcement Date**	**Additional Document**	**Award Date**

Award Methods (How to Give)

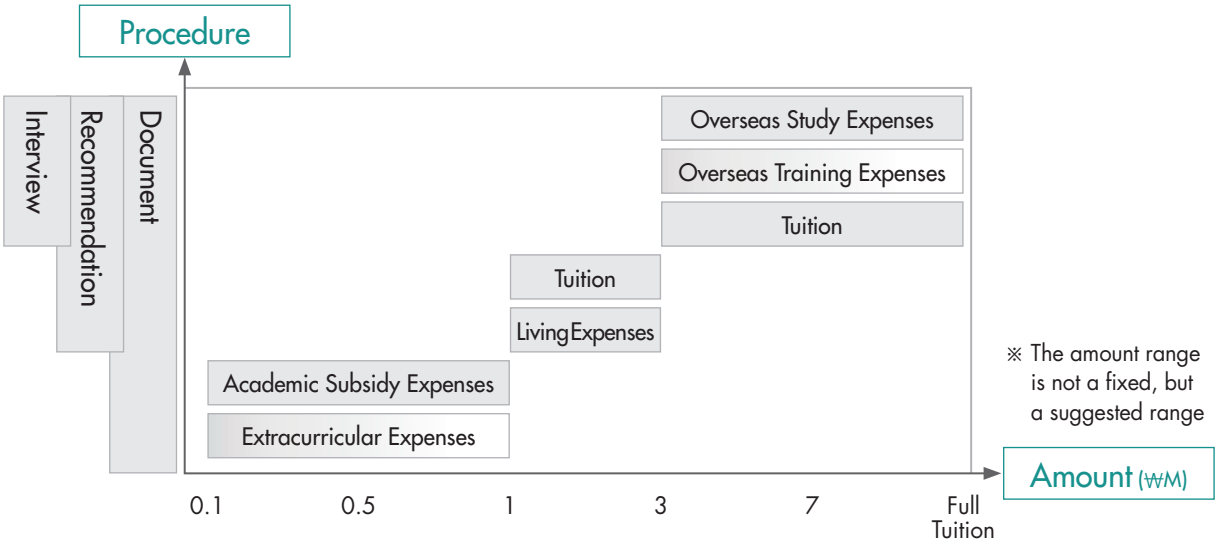
「Scholarships are awarded in cash, in kind, opportunity, etc.」

	Award in Cash	Award in Kind
Award(pay) to Scholarship Beneficiary	Deposit money into personal account	In-kind support such as vouchers
Payment to the Institution in the name of Beneficiary	Deposit money into institution account	Membership fee exemption, Participation opportunity, etc.

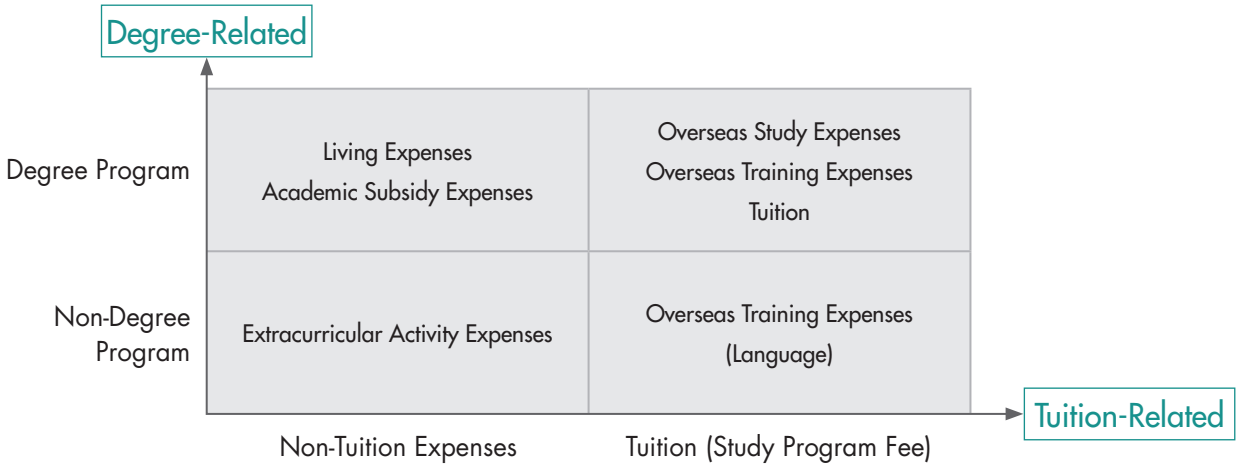
Finding Scholarship Purpose

「Design a selection process suitable for scholarship purpose.」

- Scholarship Amount x Selection Procedure

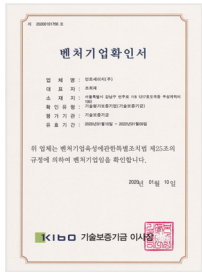


- Tuition x Degree Relatedness



Scholarship Commons Achievement

Patent, Certificate

Patent Registration			Certification	
Patents		Design	Venture Corp.	TCB T4
10-1609717	10-1817288	30-0928525	20200101766	FTS-2021-01418
				

The Scholarship Commons is a digital scholarship management solution applying patents of 'Scholarship Integrated Management System and Operation Method'(Patent 10-1609717), 'Scholarship Information Management Device and Method'(Patent 10-1817288), and 'Display panel with image design'(30-0928525).

Award

Platform of the Year 2019
Host: Maekyung Media Group, MBN
Organizer: Korea Big Data Society;
Contents Management Society

The 20th Korea Digital Innovation Management Awards (2020)
Host: The Ministry of Science and ICT
Organizer: Korea Big Data Society
Sponsor: The Ministry of Culture, Sports, and Tourism;
The Ministry of SMEs and Startups;
Maekyung Media Group, MBN

Scholarship Commons : History

2021
Received technology credit rating T4 from Korea Enterprise Data, i.e., Tech Credit Bureau (TCB)

2020
Received the Ministrial Award for SMEs and Startups at “the 20th Korea Digital Management Innovation Award”
Selected for “2020 Data Voucher Project: AI Data Process” by Korea Data Agency
Selected for “2020 Global UP Program” by the Global Commercialization Center of KAIST

2019
Winner of “the Platform Award of the Year” hosted by Maeil Business Newspaper

2018
Released the closed beta service of Scholarship Commons

2017
Established MintSage Inc. Daejeon Branch Office
Opened R&D Center
Conducted MintSage & KAIST collaborative research project (3rd)

2016
Conducted MintSage & KAIST collaborative research project (1st & 2nd)

2015
MintSage Inc. was founded

Articles about Scholarship Commons

● Win “the Platform Award of the Year 2019”

Platform of the Year 2019
Host: Maekyung Media Group, MBN
Organizer: Korea Big Data Society;
Contents Management Society

올해의 플랫폼 어워드 수상 기업 리스트

기업	서비스	분야
네이버	웨일(WHALE)	웹 브라우저
이씨이십일	ec21.com	유통(무역, 수출)
민트세이지	스칼라십커먼즈	장학금 관리
한국기업데이터	캐롯(KARROT)	전자지갑(세무, 금융)

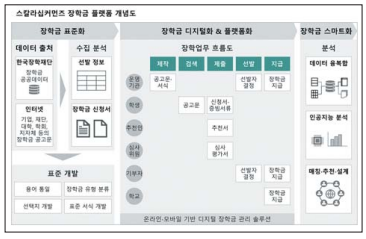
C6 올해의 플랫폼 어워드 2019년 12월 31일 화요일 매일경제

장학업무 전 과정 온라인 관리 가능

민트세이지 ‘스칼라십커먼즈’

스칼라십커먼즈는 기업이나 개인 등이 장학재단이나 직원 없이도 장학사업을 직접 할 수 있는 디지털 장학금 관리 플랫폼으로서 디지털 장학금 시대를 여는 미래 공유 기술이다.

민트세이지가 특허 기술을 기반으로 개발한 스칼라십커먼즈는 장학금 사용자, 장학 업무, 장학 정보를 통합 관리하도록 설계됐다. 장학 정보 구축 및 장학생 선발 과정에 필요한 서비스를 제공한다. 장학금을 주고자 하는 운영 기관과 기부자, 장학금이 필요한 학생을 온라인으로 연결한다. 또 장학 업무 전 과정을 디지털 데이터로 관리하고 클라우드에 저장하는 등 새로운 방식으로 장학금을 관리한다.



스칼라십커먼즈는 장학금 운영 기관, 학생, 추천인, 심사위원 등이 각자의 장학 업무를 온라인으로 수행할 수 있도록 전산화했다. 특히 장학금 공고문, 신청서, 추천서, 심사평가서를 온라인으로 제작해 등록하는 것은 물론 추천서 확인, 평가 점수 입력, 선발 통보 등 장학생 선발 전 과정을 온라인으로 진행하고 확인할 수 있다. 또 특허받은 ‘장학 정보 관리 장치 및 방법’을 통해 장학금을 유형별로 기획해 진행할 수 있는 기술도 제공한다. 한국장학재단에 국내 장학금 정보 공공데이터를 신청해 받은 1894개 장학금의 선발 조건 및 지원 내용 등을 분석해 장학금 유형을 6가지로 분류하고 항목별 선택지를 개발했다. 오대석 기자

Win “the Ministrial Award for SMEs and Startups” in 2020

The 20th Korea Digital Innovation Management Awards (2020)

Host: The Ministry of Science and ICT
Organizer: Korea Big Data Society
Sponsor: The Ministry of Culture, Sports, and Tourism;
The Ministry of SMEs and Startups;
Maekyung Media Group, MBN

2020년 09월 22일 매일경제

민트세이지, 장학금 신청·지급 전자문서로 `원스톱`

중기부장관賞 / 민트세이지

장학금 신청·지급 전자문서로 ‘원스톱’

민트세이지(대표 조희재)는 디지털 장학금 플랫폼인 ‘스칼라십커먼즈’를 개발하고 운영 서비스를 제공하는 정보기술(IT) 기업이다. 스칼라십커먼즈는 장학금 운영기관, 학생, 추천인, 심사위원 등이 각자의 장학 업무를 온라인으로 수행할 수 있는 클라우드 기반의 장학금 솔루션이다. 국가장학금은 한국장학재단에서 온라인으로 선발하고, 교내장학금은 학교 인트라넷을 통해 선발하지만 그 외 민간 장학금 운영기관은 자체 전용 시스템을 개발해야 하는 어려움이 있다. 민간 장학금 신청서 제출 방법은 이메일, 온라인 신청, 우편, 방문 등으로 불편하다. 종이·전자서류 등을 혼용해 접수하므로 신청서 관리뿐만 아니라 데이터 축적도 어려운 상태다.

스칼라십커먼즈는 기존 오프라인에서 종이 서류로 처리

조희재 대표

되던 장학금 관리 업무를 온라인에서 전자 서류로 처리하게 했다. 장학금 운영기관이 장학금 선발 공고문·신청서·추천서·심사평가서 내용을 온라인으로 입력하면 자동으로 디지털 서식이 생성·제작되고, 입력된 일정에 따라 장학생 선발 과정이 온라인으로 진행된다. 제출된 자료는 디지털 데이터로 저장돼 수작업으로 서류 분류 작업과 데이터 입력을 추가로 할 필요가 없어지므로 장학생 선발 시간을 단축할 수 있다. 조희재 대표는 “장학금 규모의 양적 성장과 서비스 품질을 한 단계 도약시키는 플랫폼이 될 것으로 기대한다”고 말했다.

홍성용 기자

제20회 대한민국 디지털경영혁신대상 수상 기업과 기관

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	중기부 장관상	메타빌드
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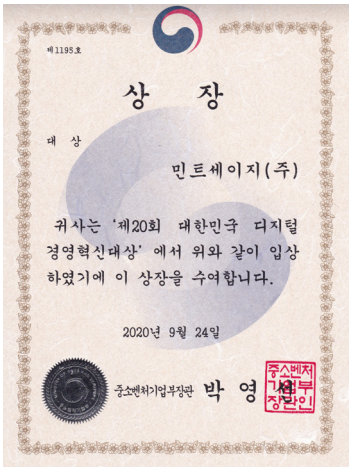
	매경 회장상	이정현 벨로크정보기술 대표



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상 장

대 상

민트세이지(주)

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중소벤처기업부장관 박 영

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