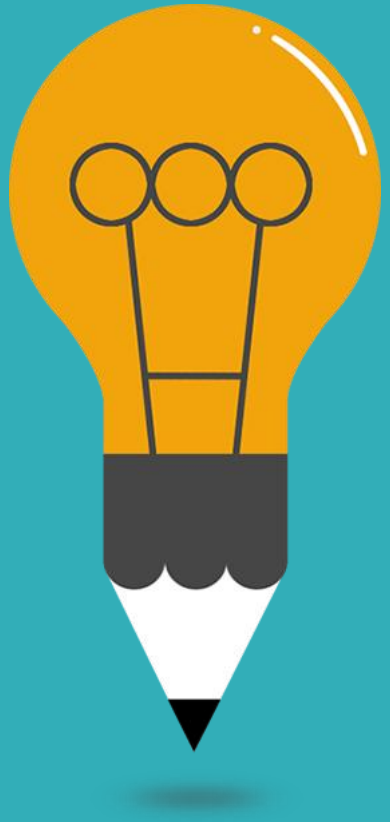
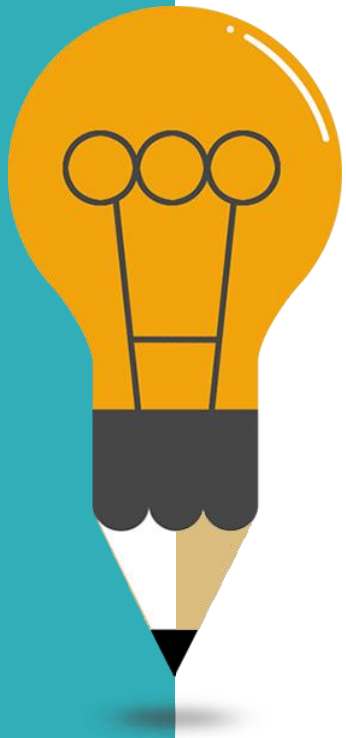


2023.05.23

Orientation for Teachers Conducting Industrial Study or Research and the System Operation

Office of Industry – Academia Cooperation
Wei-Chen, Chang

Agenda



01 **Regulation**
Applicable subjects and the cycle

02 **Conducting ways (1/3)**
1.Full-time field service or research in the applied industry

03 **Conducting ways (2/3)**
2. Applied industry-academia cooperation plan

04 **Conducting ways (3/3)**
3. Applied in-depth practical study

05 **System operation**
Operating instruction of the System for industrial learning/research by a faculty member

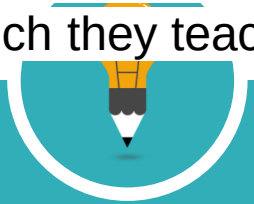
Regulation

Applicable subjects and the cycle

Regulation

Technical and Vocational Education Act

Article 26: After every 6 years of working at a technical and vocational education institution, qualified teachers of vocational subjects or technical subjects; professional and technical staff; and vocational and technical subject instructors shall go and undertake at least 6 months of study or research related to their professional or technical area of expertise with an organization that collaborates with their technical and vocational education institution, or with an industry related to the subject area in which they teach



- 技專校院教師進行產業研習或研究實施辦法
- 國立雲林科技大學教師進行產業研習或研究作業要點

Regulation

Introduction of the applicable subjects and the cycle

01 Applicable subjects

Full-time faculty, contract-based faculty, professional and technical staff, or faculty of practice, who holds vocational or technical courses. The course refers to that planned by the professional departments and in line with the professional or technical nature of each department (institute) other than the school's common subjects or general subjects (YUST, EEP, TEC).

02 Cycle

1. After November 21, 2005, the starting date shall be the starting working day in YunTech.
2. If the teacher has pre-service seniority in other technical and vocational education institutions, the years can be incorporated after approval.

03 Cycle Extension

1. If a teacher has maternity leave (abortion leave), unpaid leave (parental leave, parent-care leave, in-service advanced study, secondment) or suspension of employment, sick leave (more than 28 days), or other reasons approved by the principal during the cycle, the cycle may be relatively extended (the teacher may choose not apply for extension).

2. If a teacher does not hold professional courses during the cycle, he/she may extend the cycle according to the time of the interruption (the teacher may choose not apply for extension).

Conducting ways

1. Full-time field service or research in the applied industry

01

Regulation:

- For the full-time field service or research in the applied industry, the actual execution days are the same as the service or research contract period, and should be carried out during winter or summer vacation, Sabbatical Leave, or spare time.

˙The applied industry mentioned above shall sign a contract with YunTech.

02

Procedure:

1. The teacher applies beforehand (application form, proposal and contract.)
2. Execute after approval of the relevant Committees.
3. After completion, the teacher submits report on the system within 2 months, and approved by his/her Department.

03

Note:

The period should be 6 months in principle.

2. Applied industry-academia cooperation plan

01

Regulation:

- A teacher conducts an industry-academia cooperation plan with a partner institution or industry, and has technology transfer, commercialization or other specific contribution to industrial development. The actual execution days are the same as the actual implementation period of the industry-academia cooperation plan.

- The industry-academia cooperation plans are subject to a certain amount of restrictions and specific results with spillover effects, including patents, publication, technical innovation, technology transfer, and technical services. The standards are set by each College.

02

Procedure:

After completion of the plan, the teacher submits report on the system, and approved by his/her College.

03

Note:

- The written contract of the industry-academia cooperation plan has to be signed in the name of YunTech, and the amount of plan should be remitted to YunTech account. If the amount or the management fee of the plan is zero, the teacher should explain the reason and approved by the president.
- The industry-academia cooperation plan does not include the Research Project of the National of Science and Technology Council.

3. Applied in-depth practical study

01

Regulation:

- For the applied in-depth practical study jointly planned by the school and the cooperative institution or industry, in the form of interactive team study or workshop, the actual execution days are the same as the period during which the teacher participates in the study. Besides, the teacher must obtain a certificate of the study issued by the organizer, with 4 hours (half a day) as the unit, accumulatively 5 days as 1 week, accumulatively 4 weeks as 1 month.

- During the semester, teachers have official leave for maximum 8 hours per week for in-depth practical study, while the number of official leave during winter and summer vacations is not restricted to 8 hours.

02

Procedure:

1. The teacher should complete the leave application procedure beforehand according to the regulations.

2. After completion, the teacher submits report on the system within 2 months, and approved by his/her Department.

03

Note:

About the study, please pay attention to the relevant information announced by the Office of Industry-Academia Cooperation, Office of Research and Development, and Center for Regional Industry-Academia Collaboration.

- The study platform of Ministry of Education

Rights and Obligations

01

Regulation:

- When a teacher conducts industrial study or research, YunTech shall retain his/her position with pay, grant official leave, and sign a contract in advance, including the starting and ending dates, service obligations, conditions for repayment of fees in violation of regulations, auditing standards, and enforcement, etc.
- If a teacher does not complete the industrial study or research by the assigned date, he/she **can not be granted** Secondment, lecturing abroad or advanced study at a domestic or foreign institution, Sabbatical leave, deduction of teaching hours, receiving payments for additional teaching hours, lecturing or holding concurrent positions at other institutions, undertaking a teacher evaluation committee member, taking up administrative work, seniority and wage advancement, until he/she completes it.

02

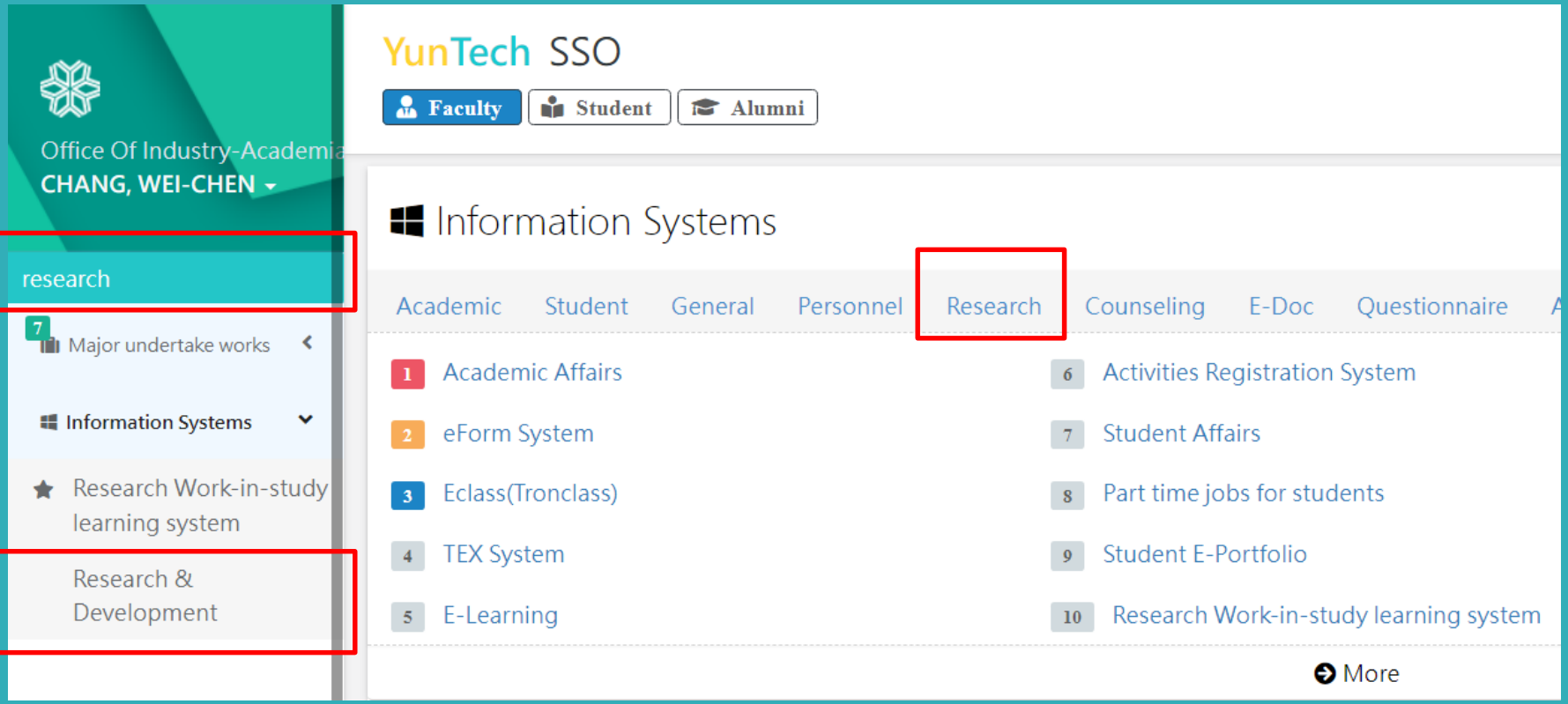
Note:

- The Ministry of Education (MOE) respects the ways schools penalize the teacher who fails to complete the industrial study or research by the assigned date, while schools shall assist the teacher to complete it.
- The completion status of the industrial study or research of each school will affect the grant from MOE.

System operation

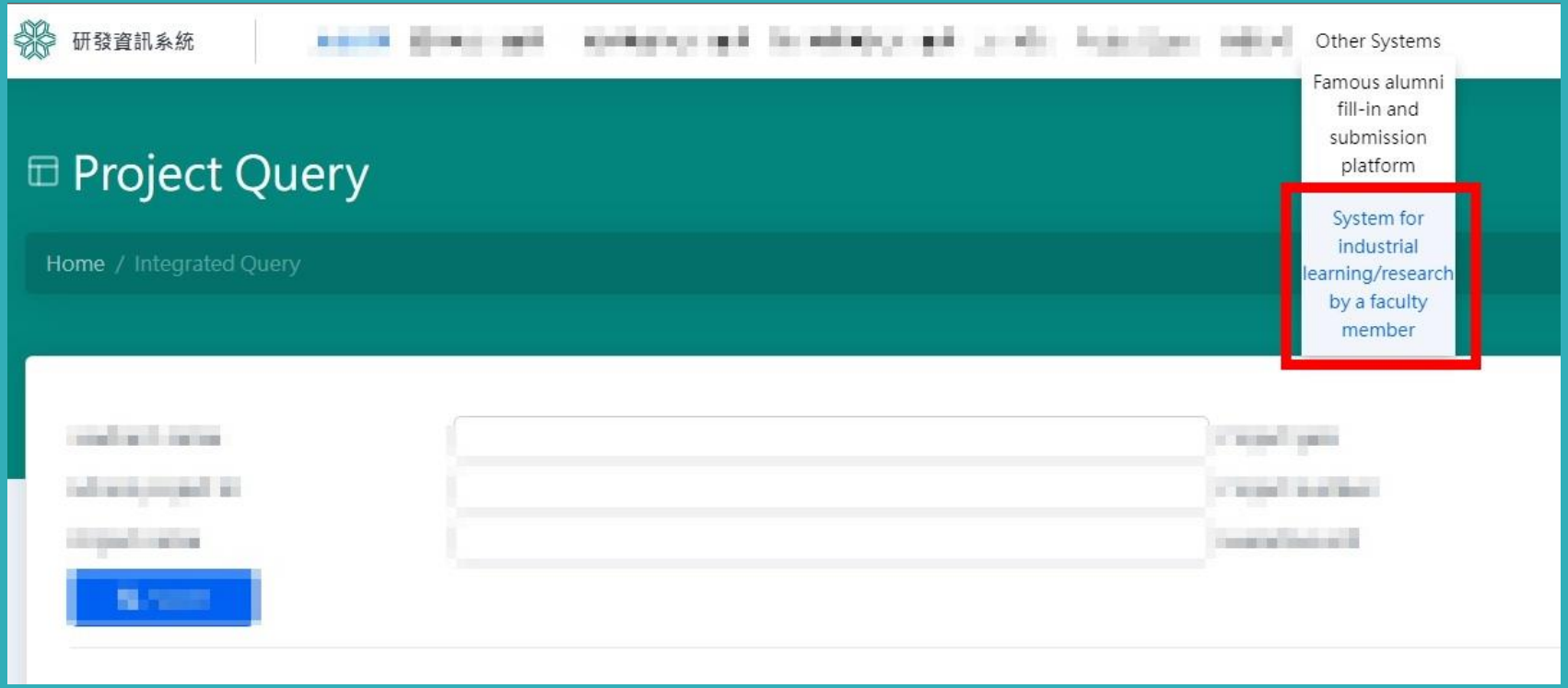
System Location

Yuntech SSO / Research & Development / Other Systems /
【System for industrial learning/research by a faculty member】



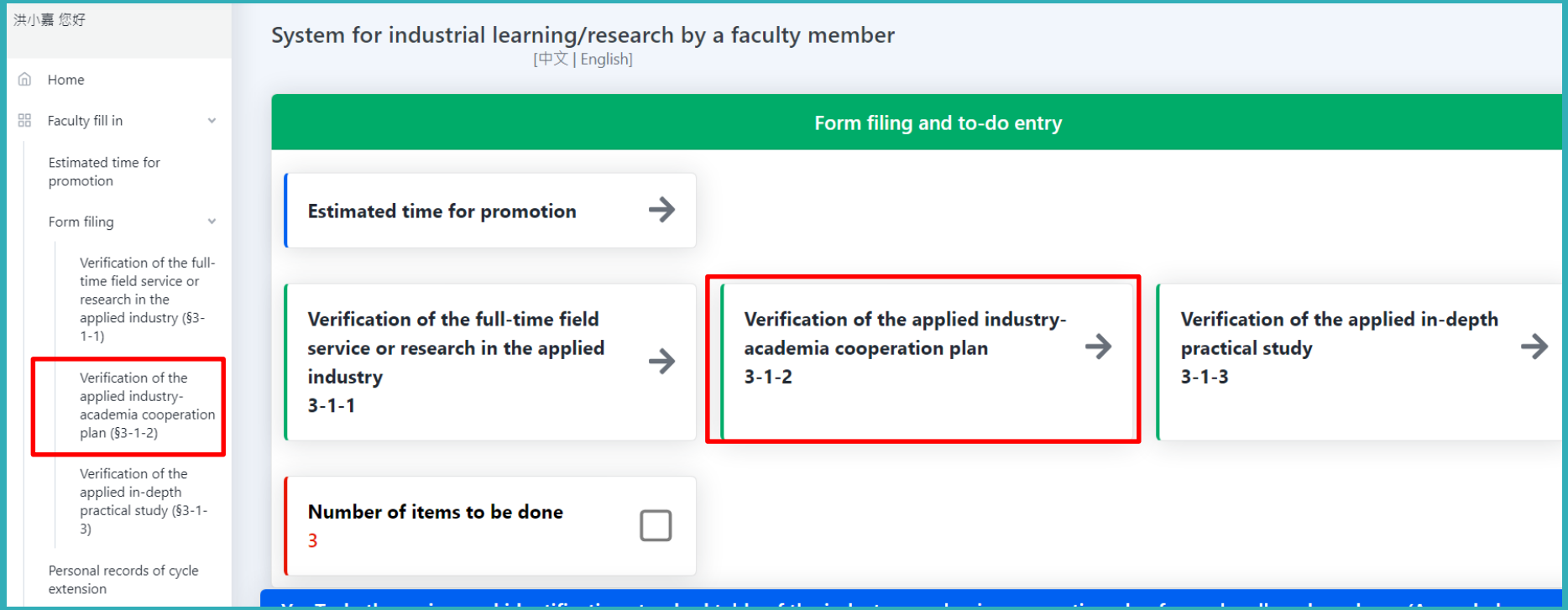
System Location

Yuntech SSO / Research & Development / Other Systems /
【System for industrial learning/research by a faculty member】

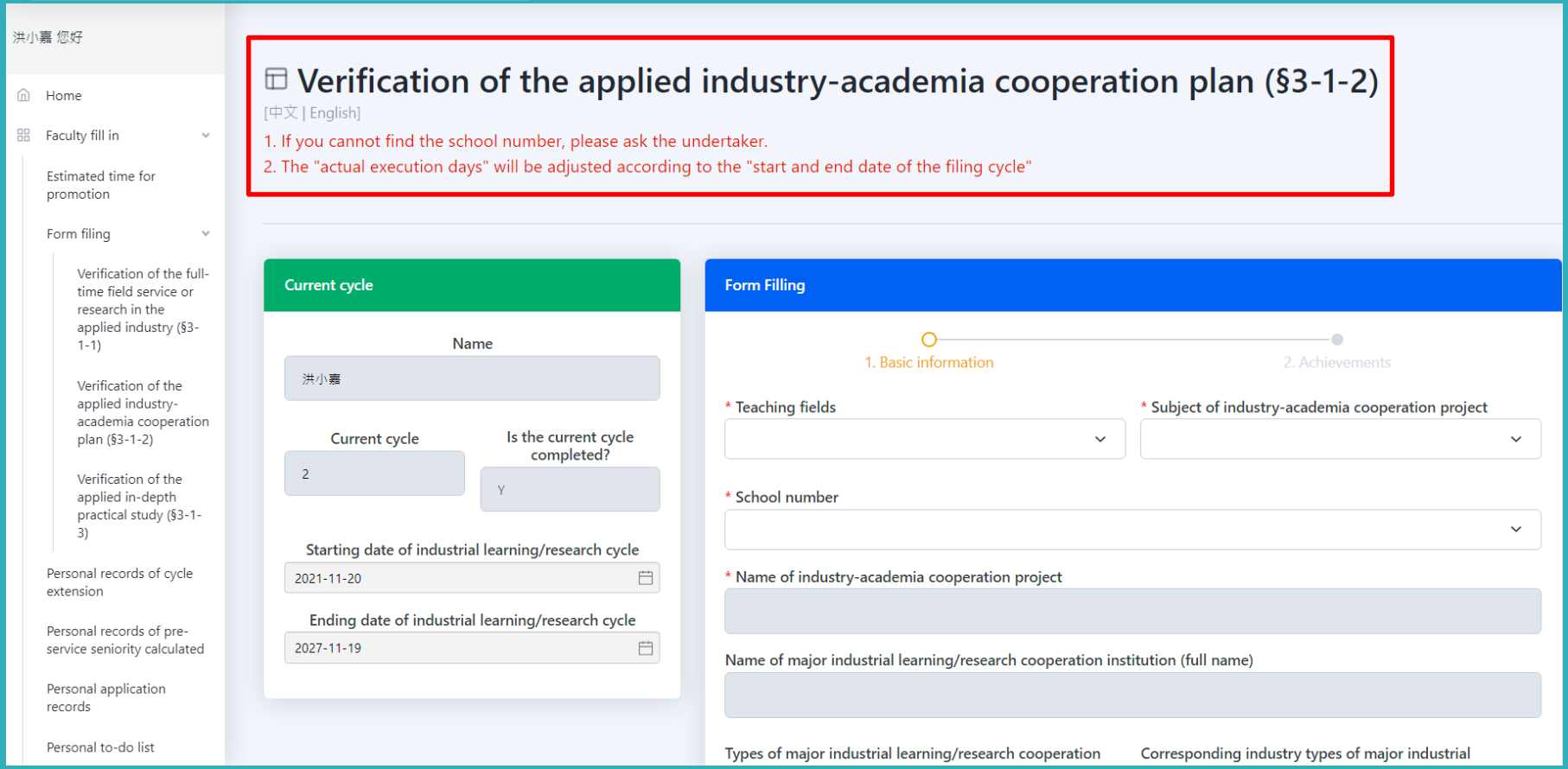


User interface

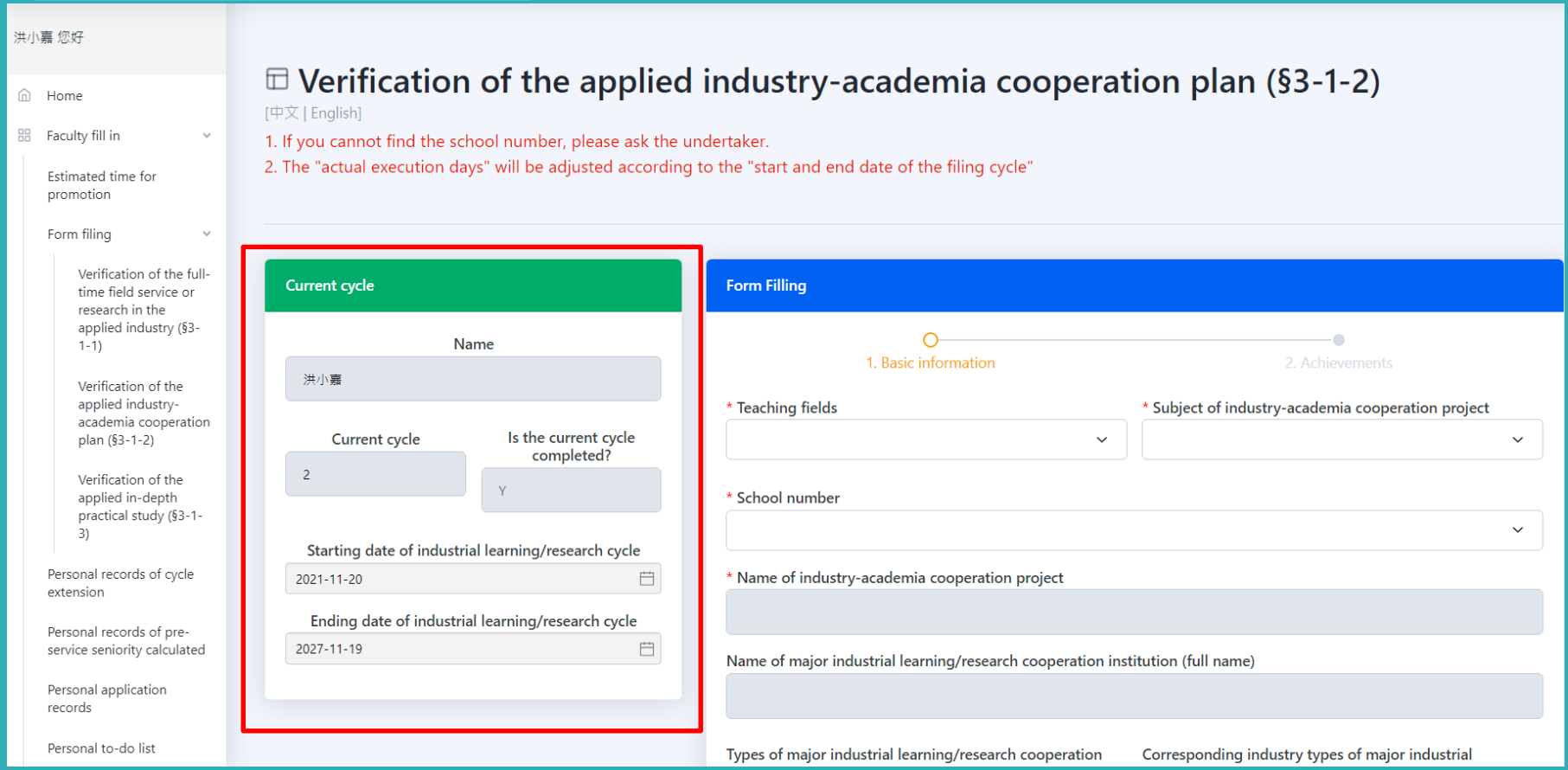
1. Verification of the full-time field service or research in the applied industry
2. Verification of the applied industry-academia cooperation plan
3. Verification of the applied in-depth practical study



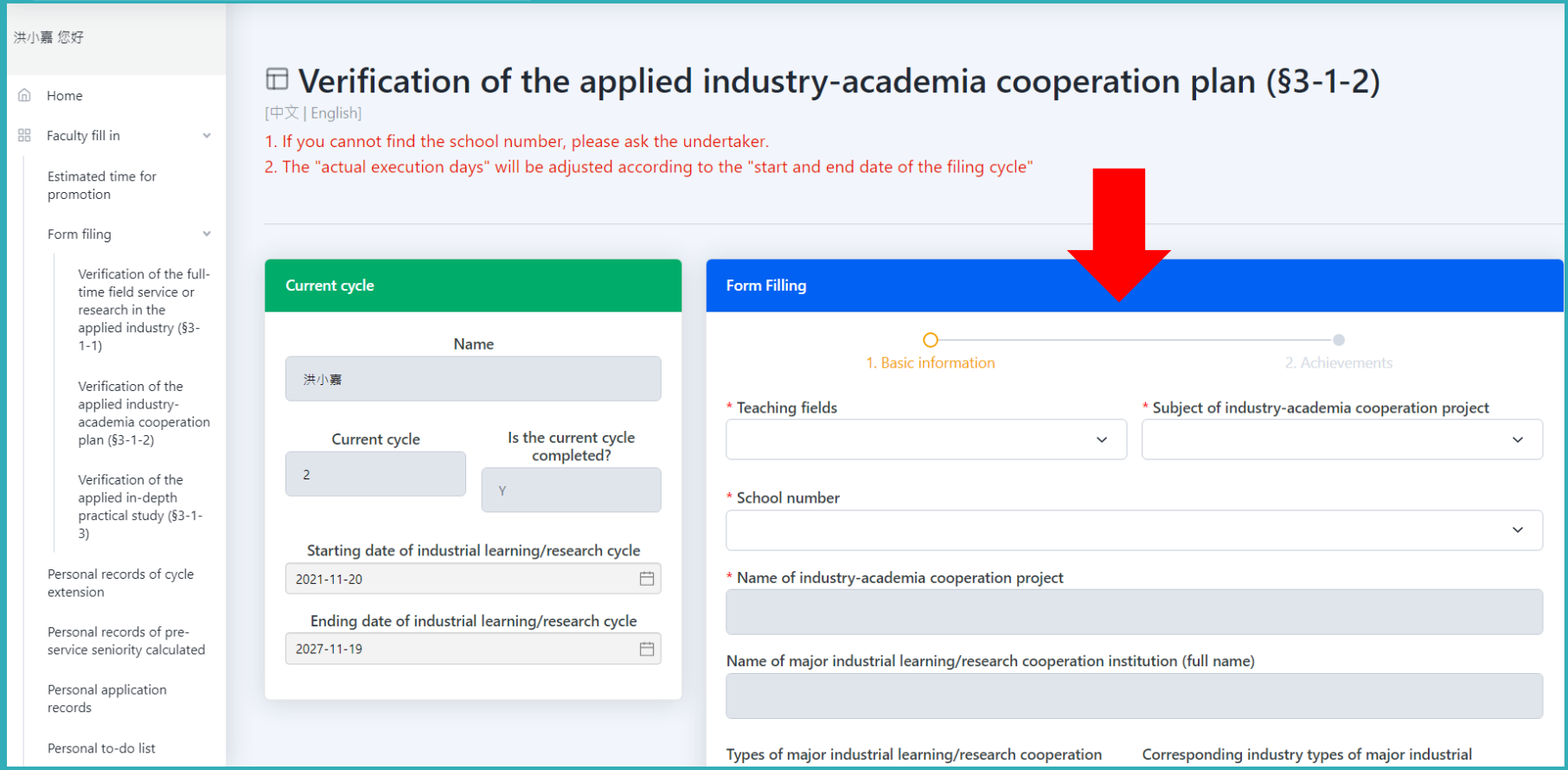
User interface



User interface

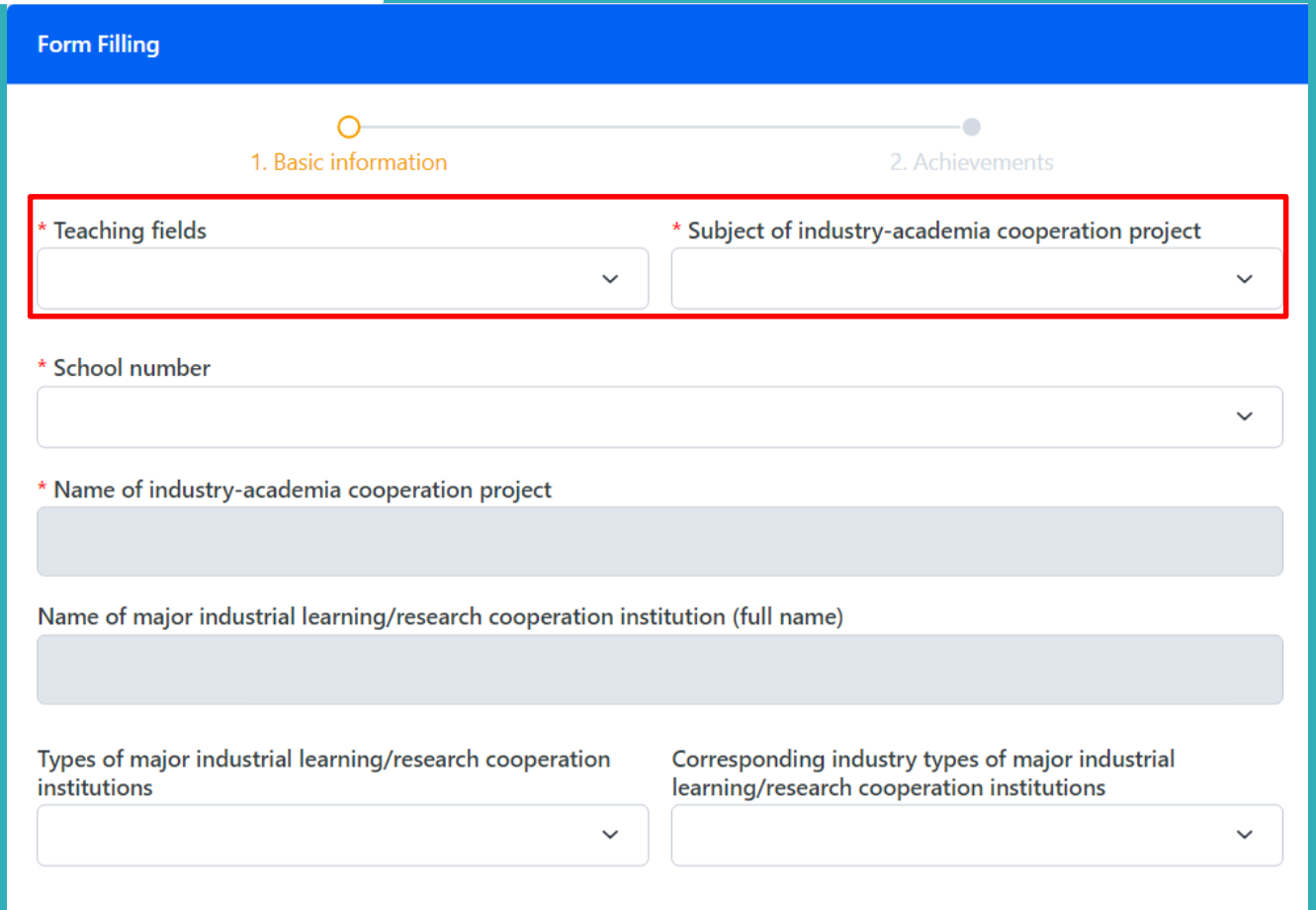


User interface



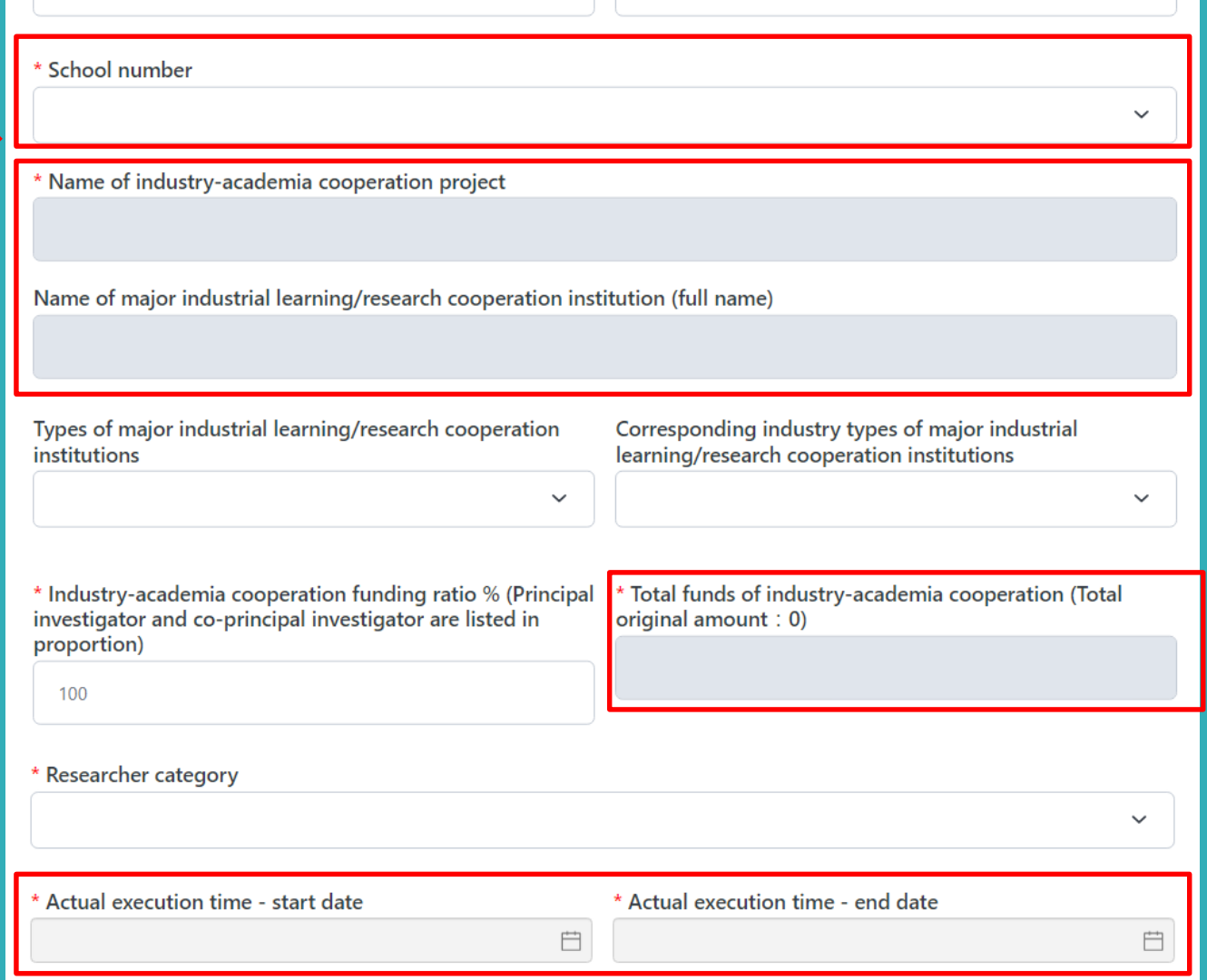
User interface

Fill in manually



User interface

Select from the drop-down menu to automatically populate partial information from the industry-academia cooperation case.



User interface

Fill in manually

* School number

* Name of industry-academia cooperation project

Name of major industrial learning/research cooperation institution (full name)

Types of major industrial learning/research cooperation institutions

Corresponding industry types of major industrial learning/research cooperation institutions

* Industry-academia cooperation funding ratio % (Principal investigator and co-principal investigator are listed in proportion)

100

* Total funds of industry-academia cooperation (Total original amount : 0)

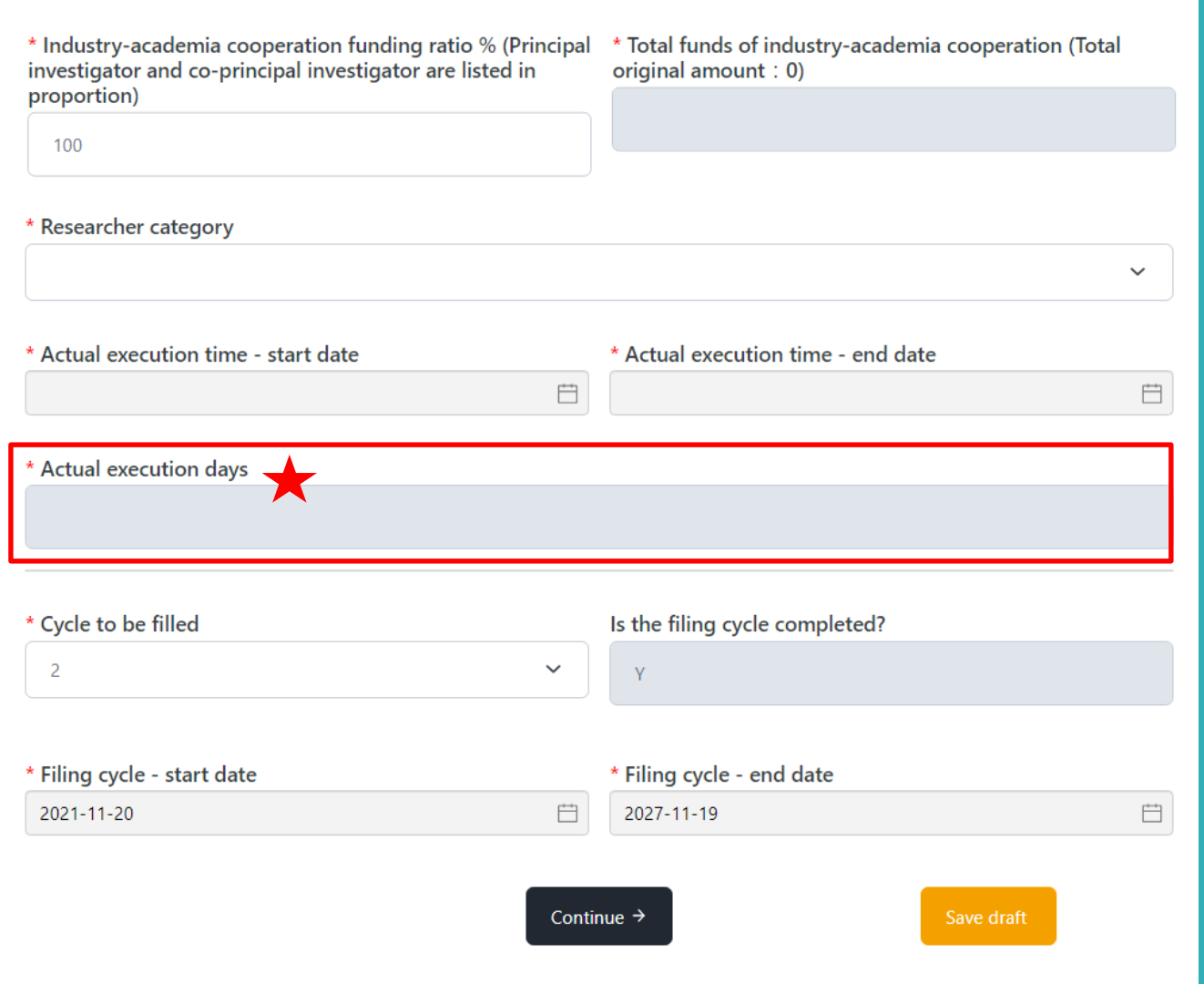
* Researcher category

* Actual execution time - start date

* Actual execution time - end date

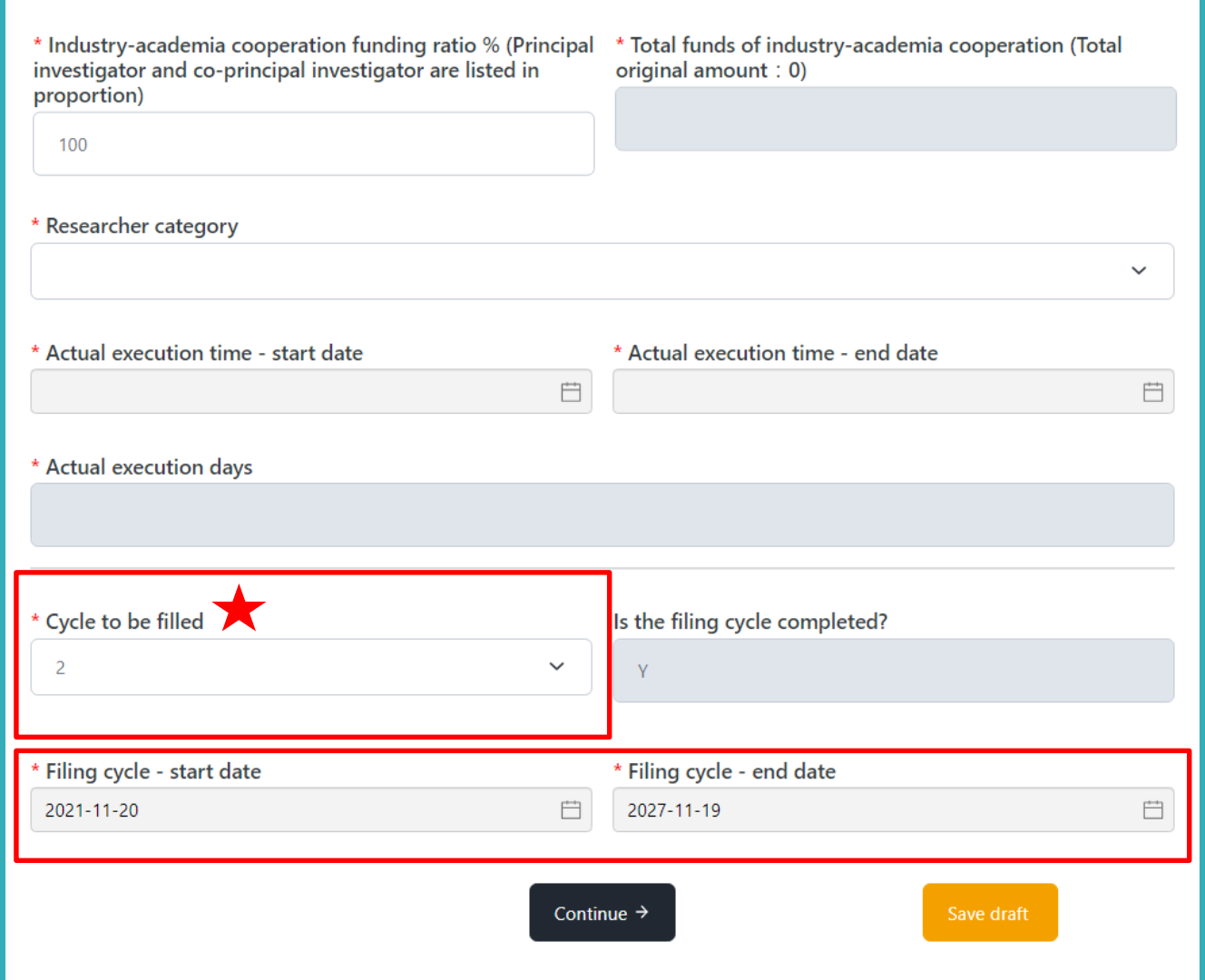
User interface

The system automatically calculates the actual completed number of days.

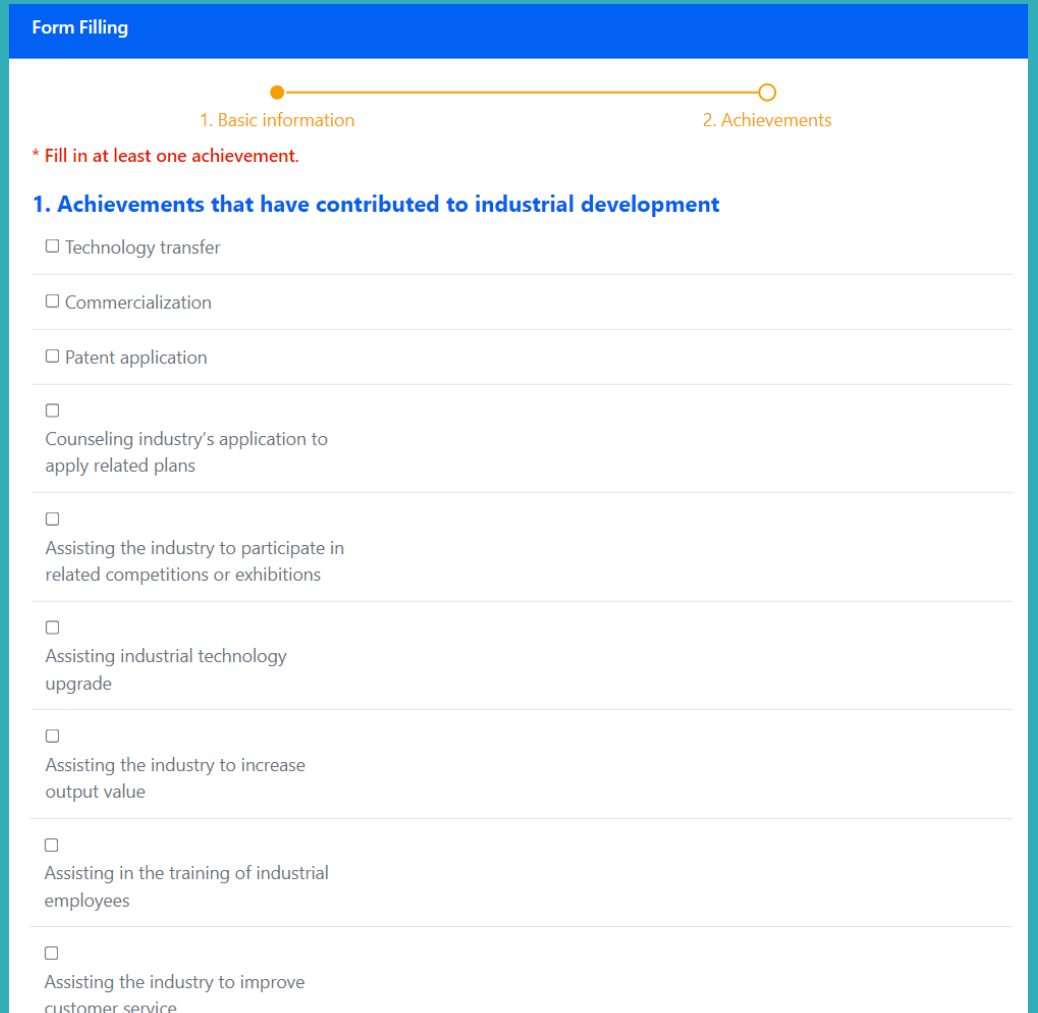


User interface

Teachers can choose which cycle (if more than one cycle) they wish to fill in.



User interface



User interface

- [ ] Assisting the industry to participate in related competitions or exhibitions
- [ ] Assisting industrial technology upgrade
- [x] Assisting the industry to increase output value
- [ ] Assisting in the training of industrial employees
- [ ] Assisting the industry to improve customer service

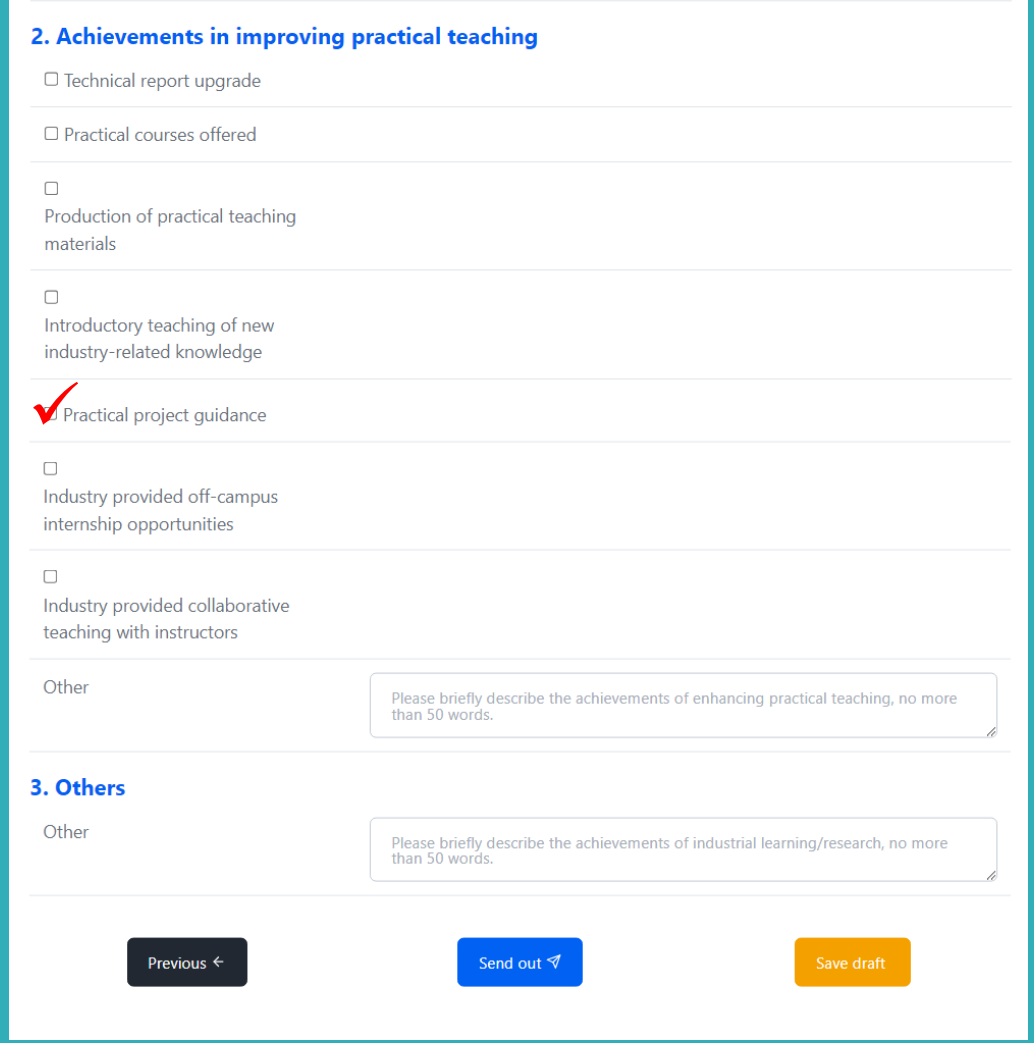
Other

Please briefly describe the achievements of contribution to the industrial development, no more than 50 words.

2. Achievements in improving practical teaching

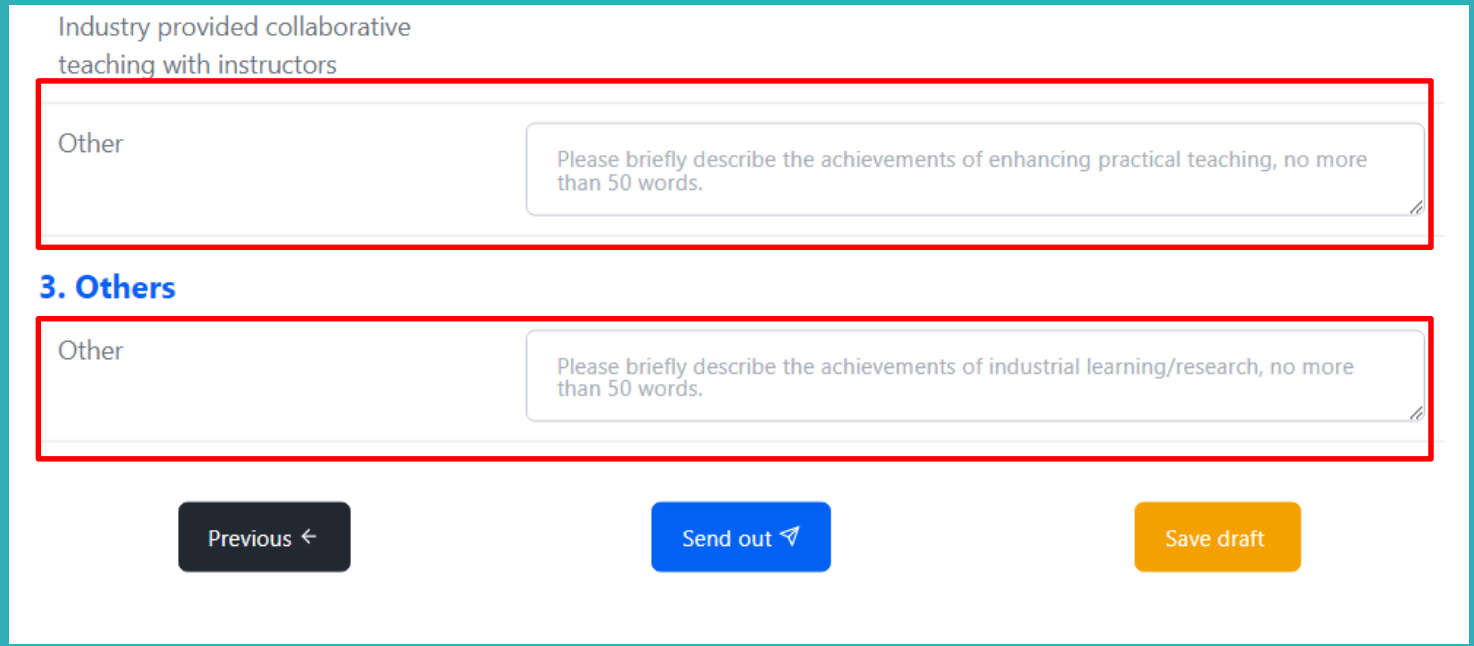
- [ ] Technical report upgrade
- [ ] Practical courses offered
- [ ] Production of practical teaching materials
- [ ] Introductory teaching of new industry-related knowledge
- [ ] Practical project guidance

User interface

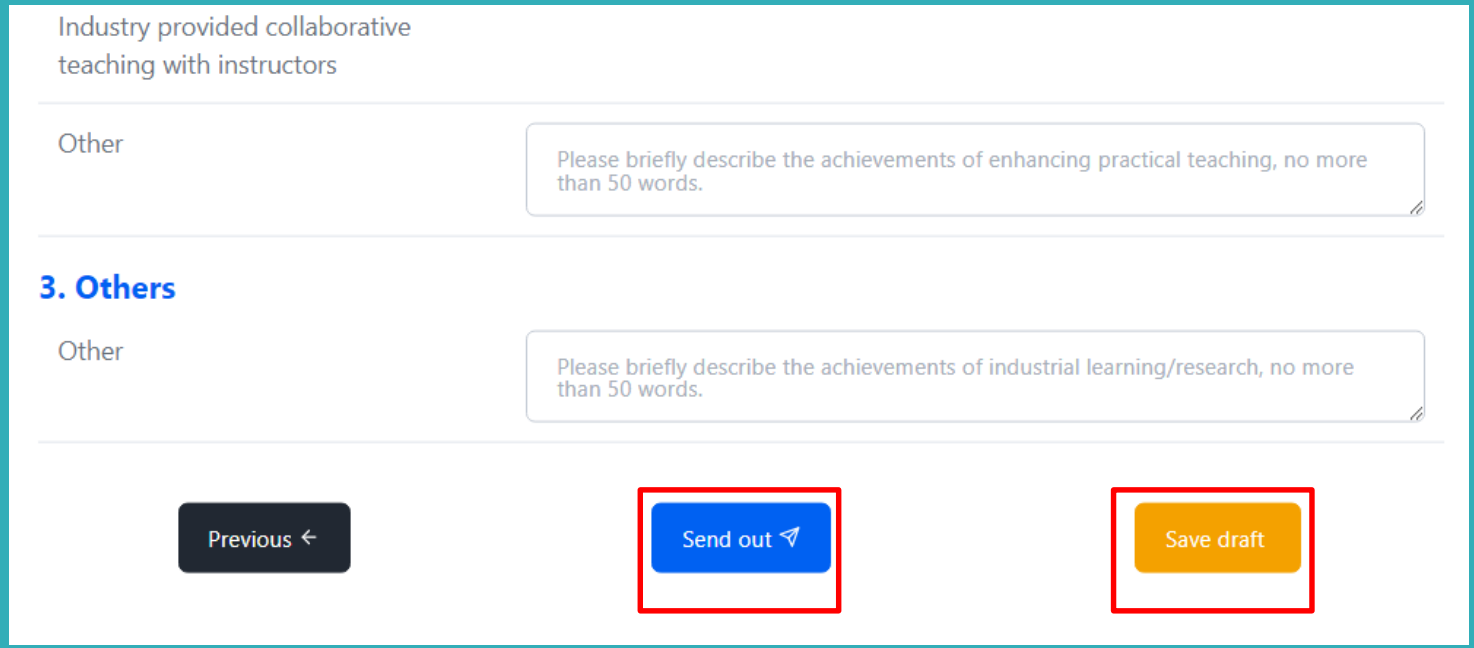


User interface

Describe in 50 words



User interface



Temporarily save to the “Personal to-do list”

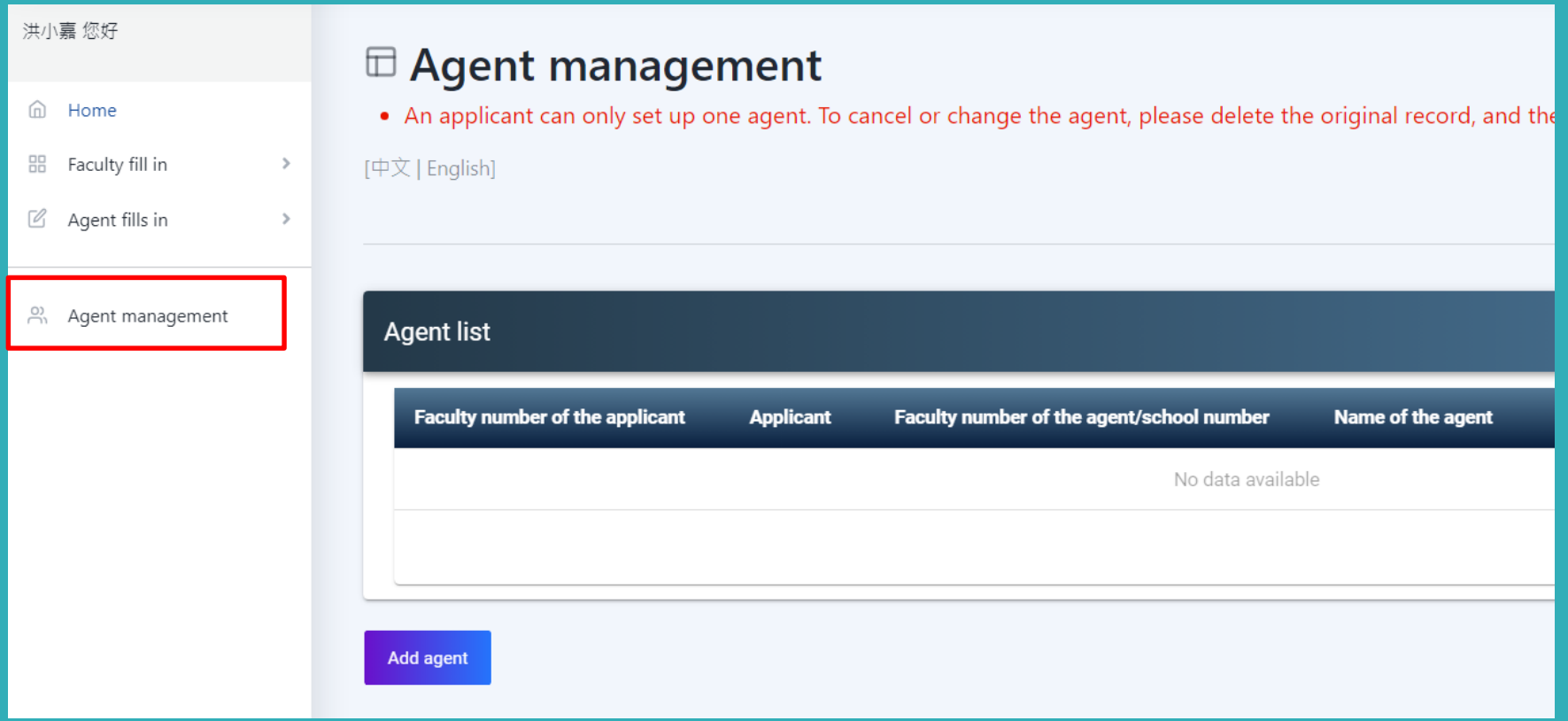
Introduction of the new functions-Authorize an agent to fill in

1.How to authorize?

2.How the agent fills in after being authorized?

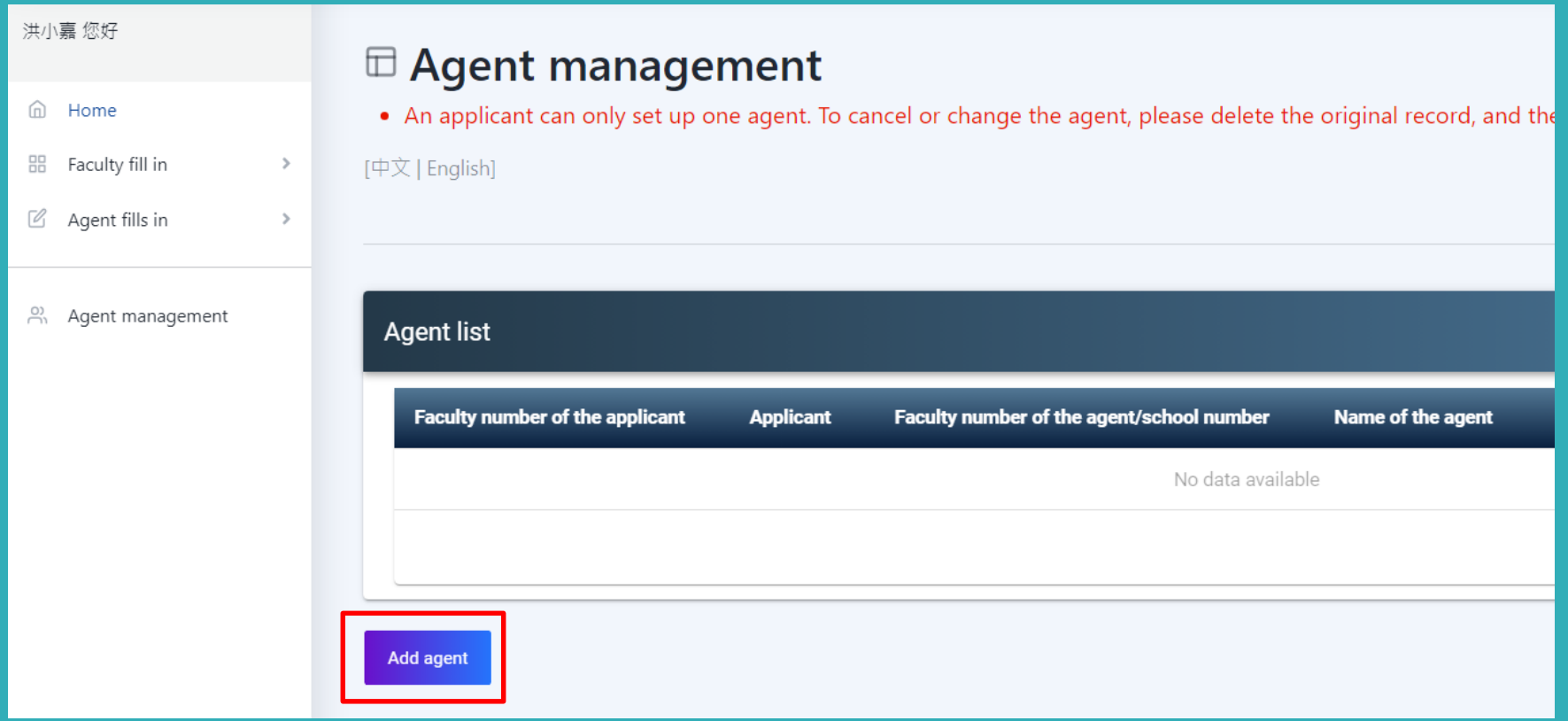
User interface

1.Set up agent



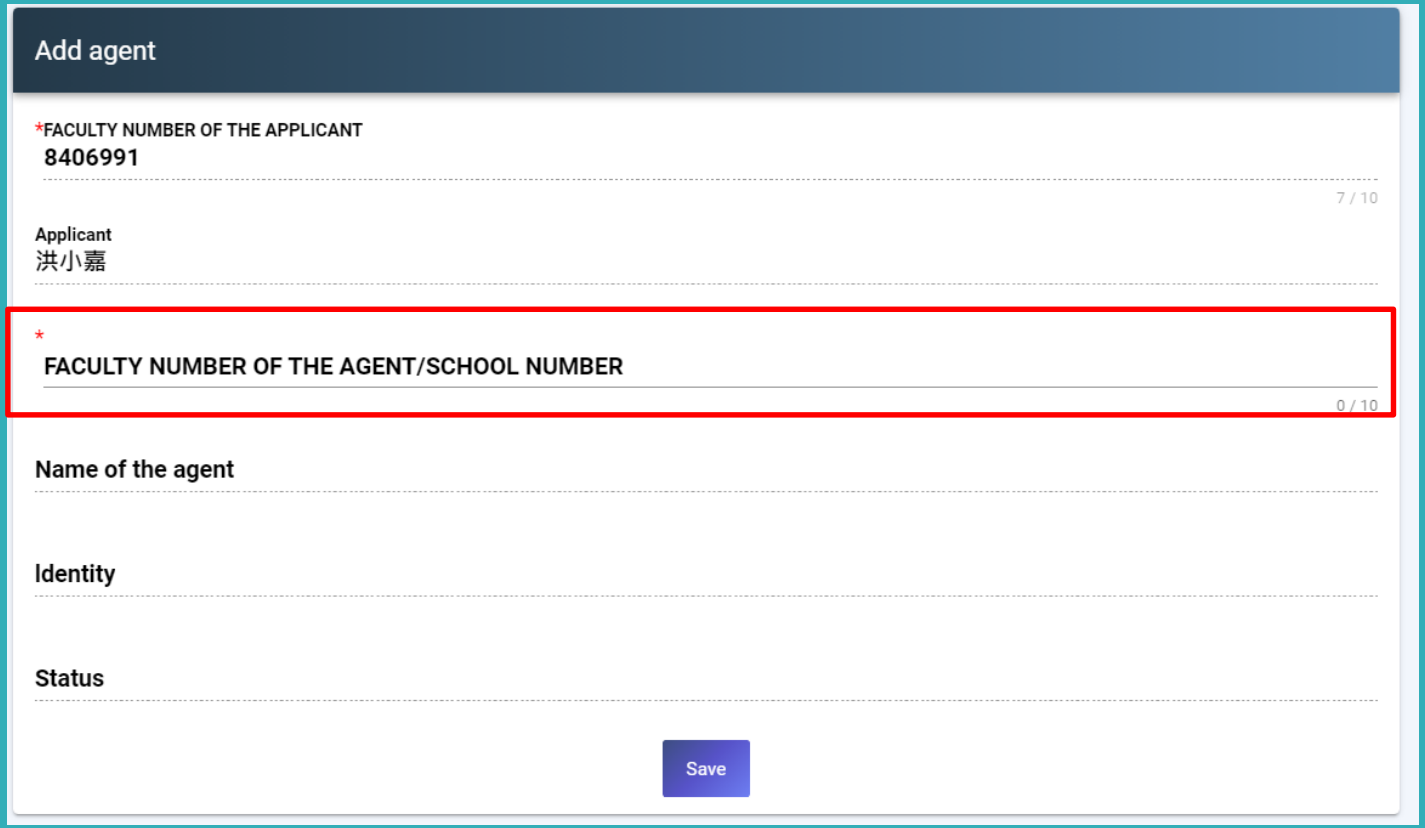
User interface

1.Set up agent



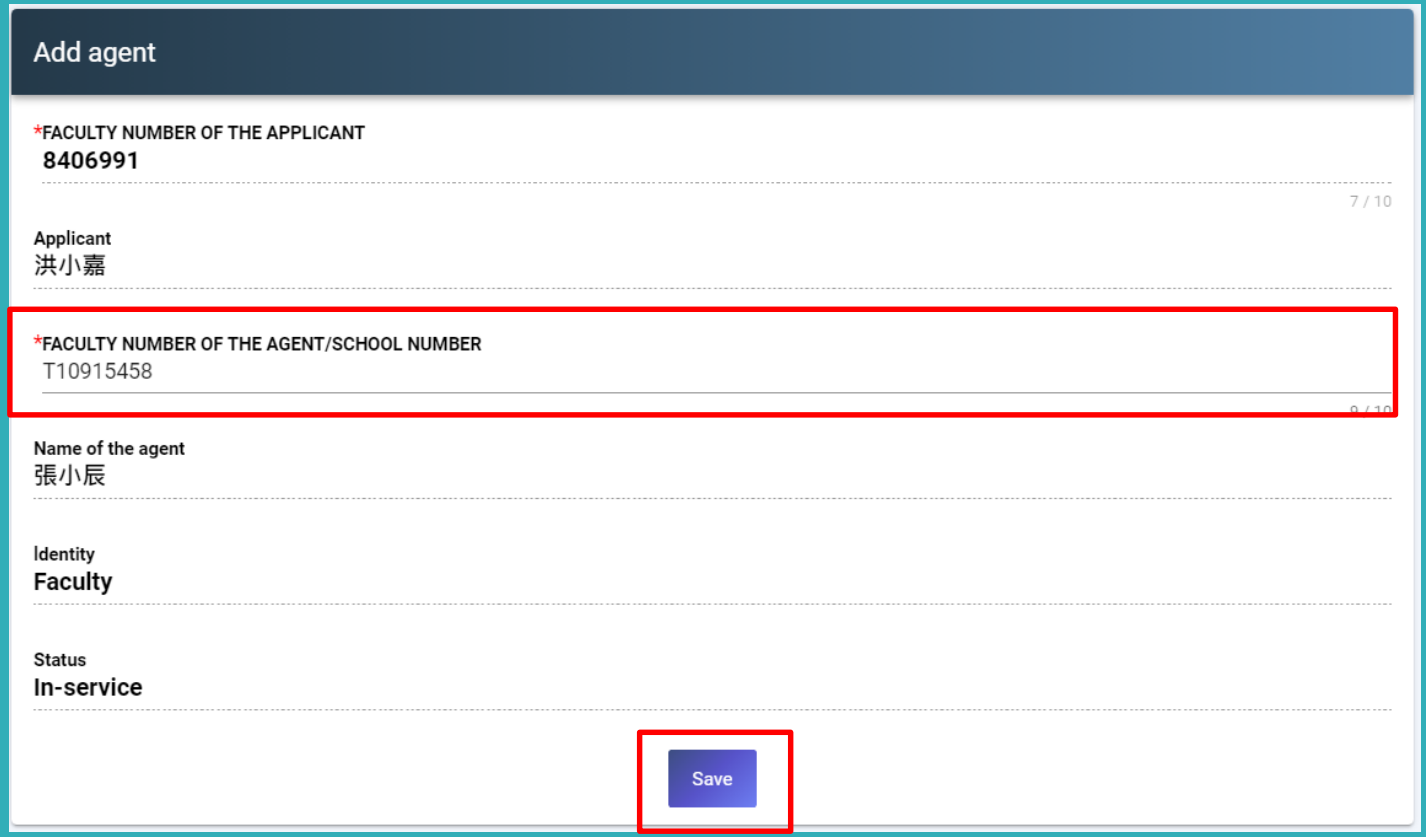
User interface

1.Set up agent



User interface

1.Set up agent



User interface

1.Set up agent

Agent management

- An applicant can only set up one agent. To cancel or change the agent, please delete the original record, and then set up the new agent.

[中文 | English]

Agent list

Faculty number of the applicant	Applicant	Faculty number of the agent/school number	Name of the agent	Email of the agent	Identity	Status	Delete
8406991	洪小嘉	T10915458	張小辰	CAS@yuntech.edu.tw	Faculty	In-service	

Rows per page: 10 1-1 of 1

Authorization successful

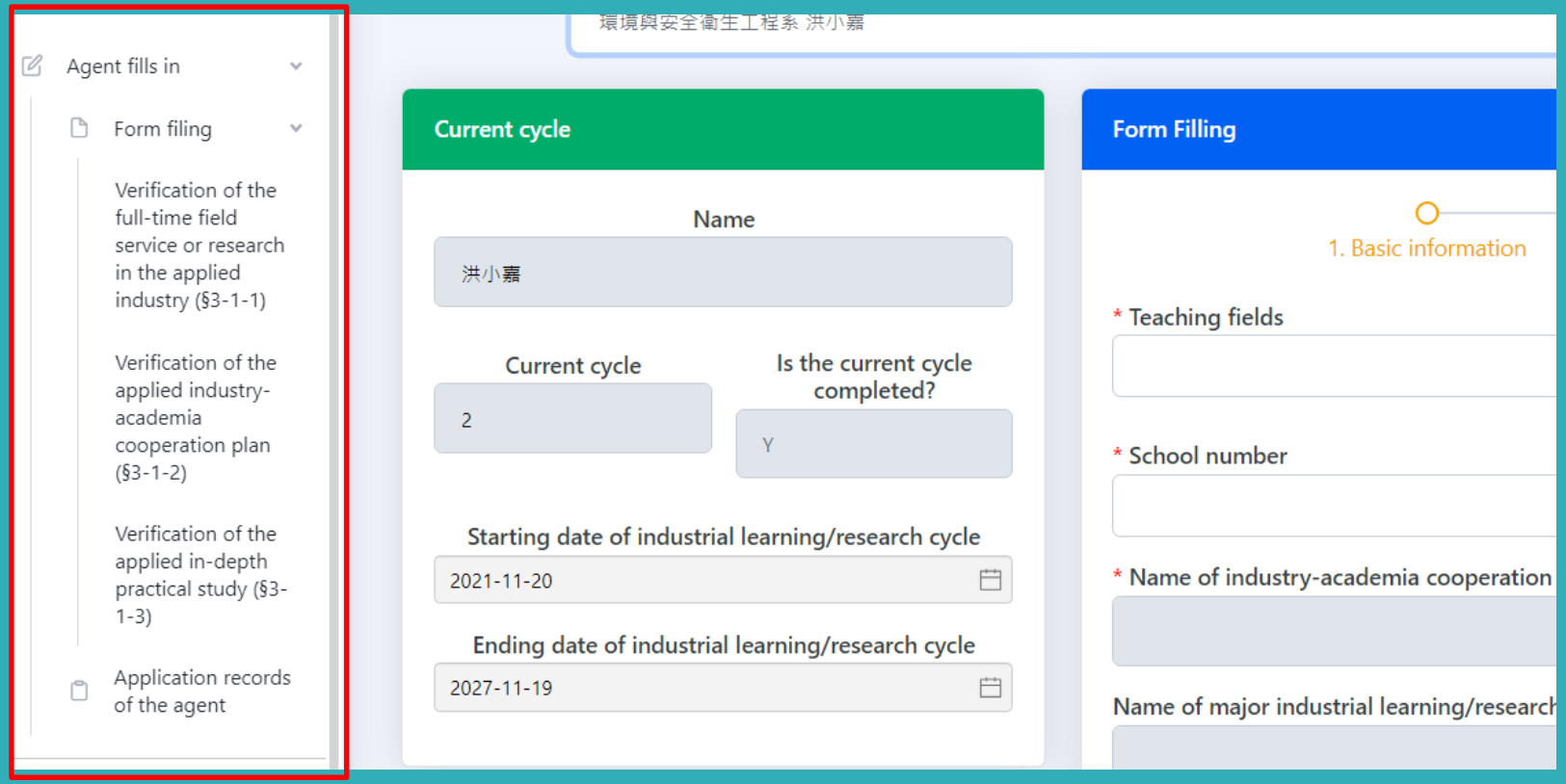
Introduction of the new functions-Authorize an agent to fill in

1.How to authorize?

2.How the agent fills in after being authorized?

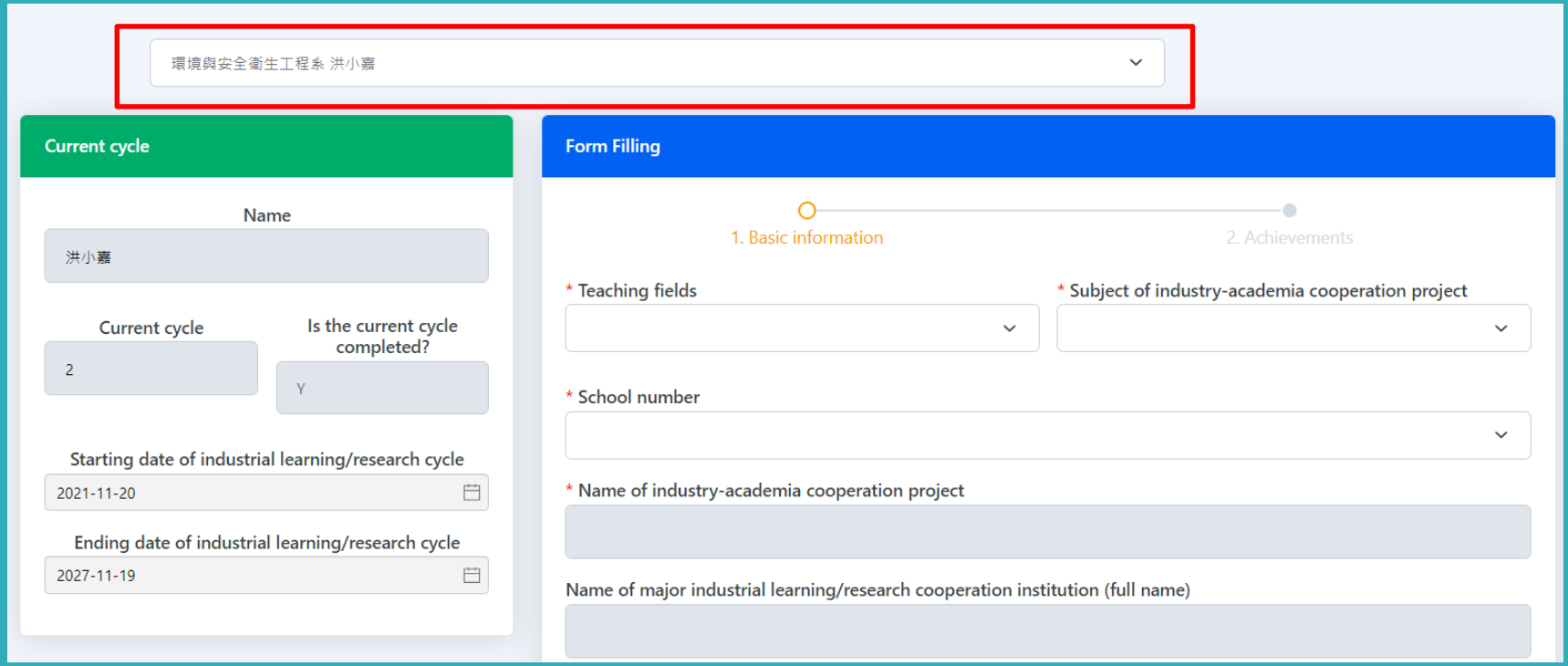
Agent interface

2. Agent fills in



Agent interface

2. Agent fills in



The agent fills in the form in the same way as the teachers

Q&A

Thank you