# gPBL on developing web applications

| Implementation period | Implementing country | SIT's implementation partner organization | Target students | participant | SIT instructor |
|---|---|---|---|---|---|
| 2020/02/17 ～2020/02/28 | Japan | **Posts and Telecommunications Institute of Technology Institut Teknologi Sepuluh Nopember Hanyang University** | ・Department of Computer Science and Engineering ・Undergraduate 2nd grade、Undergraduate 3rd grade | (SIT) Students 13, TA 2, Professor 3 (Posts and Telecommunications Institute of Technology) Students 10 (Institut Teknologi Sepuluh Nopember) Students 4 (Hanyang University) Students 2 | SUGIMOTO Tooru(Department of Information Science and Engineering)、IGASRASHI Harukazu(Department of Information Science and Engineering)、MANABE Hiroyuki(Department of Information Science and Engineering) |



Image1 all participants photo

Students from Vietnam, Indonesia, Korea and Japan formed mixed groups, and worked on the common task of analyzing data provided by an IT company, visualizing the company's problems by Web applications and suggesting solutions.

Participants struggled to use practical Web development technologies such as PHP, Laravel and JavaScript by teaching and cooperating with each other, and finally all teams successfully completed the Web applications that draw many beautiful charts. They also thought about the company's problems based on the analyzed data, and suggested various unique solutions.

In addition to group work, company tour, interim presentations and final presentations were made, and participants enhanced their skills to become global engineers.



Image2 group work



Image3 group work



Image4 group work