

Global PBL for ESM, CSE and ICE

| Date | Place | Partner Organization | Students' Major and Grade | Participants' Information | SIT Instructor |
|-------------------|-------|--|--|---|---|
| Mar11 ~Mar18,2021 | JAPAN | Suranaree University of Technology Universiti Tunku Abdul Rahman Institut Teknologi Sepuluh Nopember Tarlac Agricultural University | <ul style="list-style-type: none"> Department of Engineering Science and Mechanics Department of Computer Science and Engineering Department of Information and Communications Engineering Undergraduate 2nd grade Undergraduate 3rd grade Undergraduate 4th grade | (SIT) Students 13, TA 1, Professor 4 (Suranaree University of Technology) Students 18, Professor 2 (Universiti Tunku Abdul Rahman) Students 6 (Institut Teknologi Sepuluh Nopember) Students 6 (Tarlac Agricultural University) Students 6 | TAKASAKI Akito (Department of Engineering Science and Mechanics) KIMURA Masaomi (Department of Information Science and Engineering) MORINO Hiroaki (Department of Information and Communications Engineering) HORIE Ryota (Department of Information and Communications Engineering) |

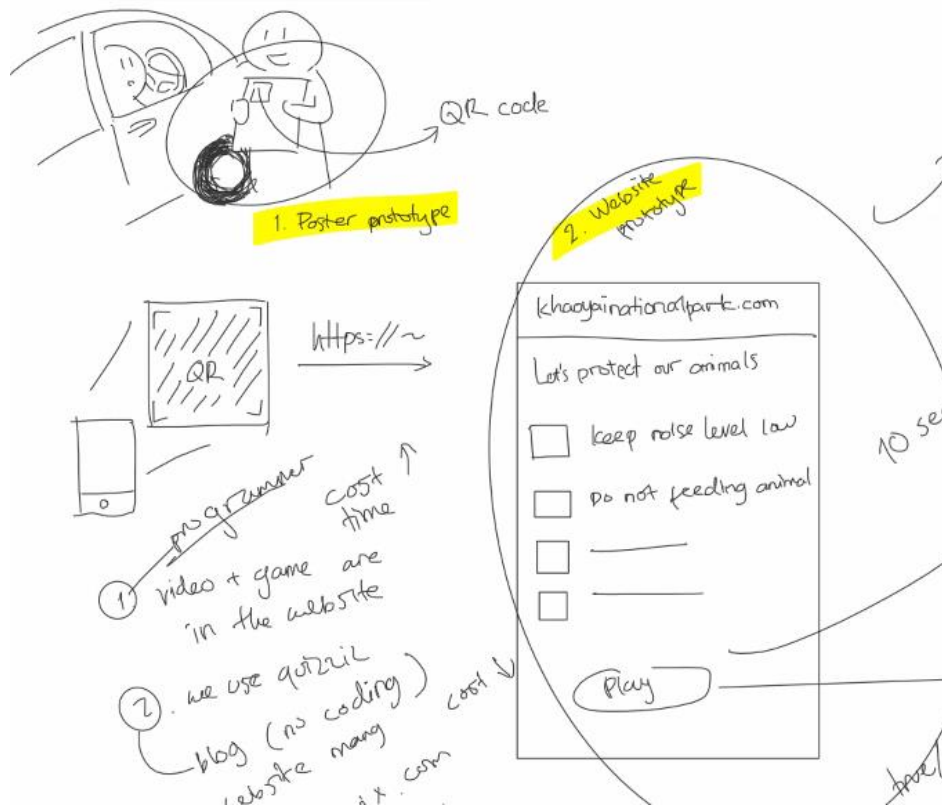


Image1 A note for a team discussion

The new corona epidemic has made it difficult for us to realize global PBLs on site. This year's version of global PBL at Suranaree University of Technology (SUT) was held online. Its theme was to discover problems in Khao Yai National Park in Thailand (a national park relatively close to SUT) and to propose engineering solutions to them. The SUT students in each team participated from the site of the national park and the campus of SUT, and the SIT students had online discussions with them. Although there was a difficulty for them to discuss online in English, they had a very fruitful discussion because of the rich lectures on problem setting, how to design a solution and presentation techniques.

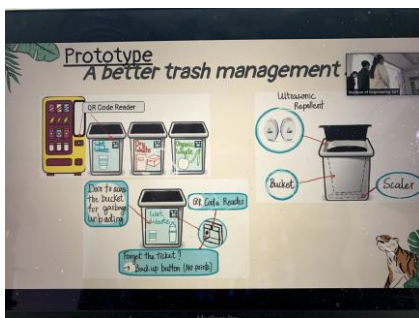


Image2 An example of prototype ideas

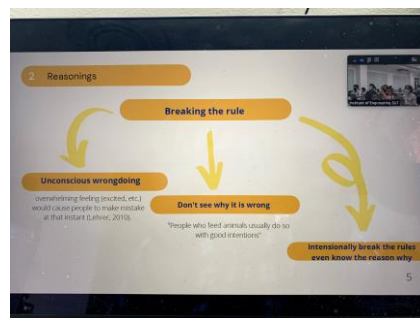


Image3 A discussion of problem causes

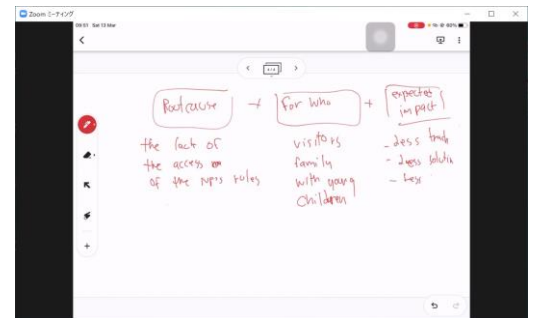


Image4 Root cause candidates