Appendix 1. Interview with the client, Ms Dean

Me: Hello, as we agreed, I am planning to create new system for the boarding house registration system. So, would you like to briefly explain how the current registering system works?

Ms Dean: Currently, we use Kakao Talk, and every time there is a registration, students are supposed to text me where they are and when they are going to be back. However, sometimes students forget, and I put up some messages and I receive a lot of messages at one time. So, there is a lot of data to keep track of. Also, there is a live document where then I transmit what the students have told me on the Kakao Talk.

Me: Can you explain the problems that you experience with the current system with the hard copy document?

Ms Dean: The document is usually okay, but it is not very streamlined. So, there is a lot of revision and crossing off and adding things by following up the student's locations. Also, it is ordered alphabetically for each year group, so it is hard to identify the students offsite at once.

Me: Then, what features would you like for the new registration system?

Ms Dean: It would be nice to be able to have some sort of visual representation, like a spreadsheet where I can see where students are at a given point and what time they are expected to be back. Also, it would be helpful if the students could enter their location to the system by themselves, eliminating the process of writing down the data from the Kakao Talk to the system. I would appreciate if it is easy to input and edit the data in the system.

Me: Okay. Thanks for your time.

Ms Dean: Thank you.

Appendix 2. Interview with the user of the system (student), Kyle

Me: Hello, I would like some of your opinion of a new system for the boarding house registration system that I am about to develop. First, what do you think about the current registration system?

Kyle: It is inconvenient to text our locations, especially since the locations that we are allowed to go are restricted. Also, during the registration times, the messenger alert from every member of the boarding house is disturbing.

Me: Then, will you prefer a website-based system where you can enter the location online directly to the staffs?

Kyle: Yes, only if it has an easy user interface, such as buttons for each location so that we no longer have to type the locations every time.

Me: Okay. Thank you for your response.

Appendix 3. Photograph and screenshot of the current registration system

Scotin Circe An Sec	Sat	+ 22 Ava	学6 TEMP 456 20:45 TEMP 22.3 Comments
Skitic Kyungyeon Min	201	obir	1
Street De Hye Chon	07	Katie Kyungyeon Min	N
S Alleen Hyun So Lee S Alleen Hyun Shin S Alleen Hyu	03	Erica Da Hye Chon	1
Alleen Hyun So Lee			
Servined Sookyong Sung	05	Aileen Hyun So Lee	345 N 365
St. 2	90	Janis Juyoun Park	11/
Same Park Survey	3728	Alison Hyeyun Song	11/
Heiseon Kim Surie	38,	Seyfried Sookyong Sung	//
Falley Hyun Seo Yoo	60	Janice Seung Min Yoo	13.w 36.b
Candy Ji Hyung Ku	0	Hailey Hyun Seo Yoo	1 8.38
1 ay Won Evelyn Yoon 1 a ay a 5 a ay a a ay a ay a ay a ay a	5		1 4.8 1
Lucia Yoonseo Lee	2	Layla Sunivoo Bu	1 536.4
Marie Nakung Song	3	Jay Won Evelyn Yoon	11
Marie Naklung Song	-	Luella Yoonseo Lee	///
Erika Naryn Kim	3	Marie Nakjung Song	136.9/
Inwon Choi		Erika Naryn Kim	7
Sarah Park Sar	1		
Sarah Park Lucia Xingyuan Jin Routh Nac 31, 9 Catherine Shengxi Wu See Hyun Shin Olivia Jieun Seung Sun Yang S		Ji Won Choi	11/
Lucia Xingyuan Jin Quant Dato 31.9 4.91.7 4.81.2 8.6 Catherine Shengxi Wu Seo Hyun Shin Olivia lieun Seung Suin Yang Suin Yang Jun Suin Yang Jun Hee Lee Theseon Kim Suin Heesen Kim Suin He		Sarah Park	(31.8/MV
See Hyun Shin		Lucia Xingyuan Jin Roum Door	349 1 23.7 + Polla 36
See Hyun Shin Olivia Jieun Seung Suin Yang Juyeon Ahn Erin Moon Joshee Kim Jun hee Lee Hyeseon Kim V SL SL SL SL SL SL SL SL SL		Catherine Shengxi Wu	367/
Sun Yang V 20.4 37.1 Sun Yang V 36.7 C 1/4 55 Juyeon Ahn Sun Yang Sun Yang Sun Yang Juyeon Ahn Sun Yang Sun Yang Sun Yang Jun hee Lee V Sun Yang Sun Yang Hyeseon Kim Sun Yang Sun Yang Sun Yang		Seo Hyun Shin	1
Suin Yang Suin Yang Luyeon Ahn Frin Moon June Lea June Lee J		Olivia Jieun Seung	//
Juveon Ahn Erin Moon Frin Moon July 91 - 91 - 31 - 51 - 51 - 51 - 51 - 51 - 51 - 5		Suin Yang	1 Cus /
Frin Moon Jiwon Choi (Janice) Jun hee Lee		luyeon Ahn	128 1
31,51,51 31,71 31,71 25,91	405	Frin Moon	7
Johne Kim Jun hee Lee		iwon Choi (Janice)	1
diwon Jang Hyeseon Kim Y 26.9		oohee Kim	1
dwon Jang Hyeseon Kim 2, 8, 9		un hee Lee	1
Hyeseon Kim \ S.C.9\ V		Won Jang	
. ///// /		Vaccon Vin	1
		Poscoli Mili	
413 GRAD- Miriam Davies	6,	RAD- Miriam Davies	

