**Customer statement of requirement**

I am a student of Sias. I met some problems in campus life that brought me great inconvenience. In order to better manage the campus express, the school had set up some express delivery points, so I had to pick up my expressage at the express delivery points. You know the campus of Sias is very big. The worst thing is that the delivery points in our school are very scattered, and each express delivery point has its own running time. Last semester, I bought a lot of books on the Internet. The seller sent me express from different courier companies, such as ZTO Express, YTO Express, SF Express and so on. I had to rush around at different express delivery points on campus to get my expressages. Especially in the peak period of online shopping, such as the Double 11 shopping carnival, every express point had a long queue. I even stood in line for 20 minutes at one delivery point last year. Sometimes it takes so long time to pick up the expressage that I'm late for class. Because of the conflict between my class time and business hours of express delivery points, I cannot get my express delivery in time. Such things always make me tired.

Because of these reasons, I very much hope that there is a 24-hour the self-pick-up cabinet under dormitory buildings. The courier will deliver it to the self-pick-up cabinet under each dormitory building according to the dormitory building number on the shipping address. All my expressage will be put in this cabinet. When my expressages is placed in self-pick-up cabinet, I will receive a message containing the pick-up password (which can also be viewed in small programs or applications). I can use the self-pick-up cabinet under the dormitory building at any time, and enter the pick-up password to take away my expressages. I don't have to worry about waiting for a long time to pick up the express, losing the expressages or missing the business hours of the express point.

On the other hand, I have a very tight schedule this semester, 11:40 A.M. after class, and 1:00 P.M. will be class. This an hour is the peak time for dining in the canteen. In order to have lunch as soon as possible I often choose to order a good takeaway and let the deliver guy put the takeout downstairs so that when I get back to my dormitory, I can have lunch at once. That will give me more time to do some other things, instead of wasting my time waiting in line in the canteen. But these takeaways do not have a reasonable place to lay up them. I found that my takeaway was taken away by someone else when I returned to the dormitory after class. I cannot find my lunch so that I have to go to the afternoon class hungrily. This is not uncommon, I often hear complaints about this situation, but so far there is no good solution.

I hope the self-pick-up cabinet can also be used in takeaway storage, I can book a cupboard at the self-cabinet software in advance to store my takeaway and get a password for opening the self-pick-up cabinet, and then when I order the takeaway on line, just need to note my opening password to seller, so that when the deliver guy can put my takeaway into the self-pick-up cabinet. When I leave class at noon, I can go straight to the self-pick-up cabinet to get my takeaway and then end the rental of this self-pick-up cabinet. If this situation was true, I would no longer to worry about my takeaway being taken away by someone else.

In this software, I hope that its page design can be simple and clear, so that I can know at a glance what it is expressing or what should I do. And the software is divided into three parts. The first part is to receive express or takeaway. First, courier or takeout personnel use the cabinet or application program (mobile phone number + password) to authenticate, then scan the express list to confirm my mobile phone number, and select the size of the cabinet (takeout can choose takeout cabinet with thermal insulation function), and finally the cabinet door opens and closes automatically to complete storage. I can input the pick-up code or two-dimensional code on the cabinet display screen. The system will automatically open the cabinet door after successful verification in the background, and then I can take my takeaway or expressages.

The second part is to send express, I can choose to send express in the cabinet or application program, enter my ID number + destination address information of express delivery, select the size of cabinet, and then cabinet automatically opens the cabinet door to complete storage. When my express is stored, the courier will get my express message and password. Then he used the courier code to open the cabinet door to collect the courier and sent the courier number to me by the software.

The third part is self-use, I can freely choose how long l wants to use, and it required advance reservation before each use. I can book the self-pick-up cabinet on the mobile phone application, and then choose the size and utility time of the self-pick-up cabinet l want to use. When making an appointment, it needs to input the user's cell phone number so that the application can send the cabinet password to me. During this period of time after the reservation successfully, I can through this password to use self-pick-up cabinet at any time. We should pay special attention to that after exceeding the appointed time; the fee will be added in a certain proportion, so it require to pick up on time.

