As a way to ensure that our system would be accepted in real life. We managed to find 20 of our university colleagues and asked them to use ParQU system. Afterwards, we also asked them to fill a short online survey in order to get their feedback about what they think of the overall system. During this process, we received many comments on the user interface of the application and website to improve the user experience of our system. All the comments were taken seriously, and some were critical that they have been incorporated in the revision process of the system design and in subsequent further system improvement. For instance, one comment was that the application views were fixed and not scrollable when the mobile device’s keyboard was on. The keyboard would obscured the rest of the items on the screen and the user had to scroll down the keyboard in order to see the other screen items. Another comment we received is that the buttons do not appear clickable. For this, we added a fading effect such that when the user clicks the button, the button is animated with a fading effect. Some of the student suggested to add in the application the descriptions for each service provided in the website to give them overall idea about the system so we added the “more details” option in the side menu. Another suggestion was to add additional services such as having valet parking. In contrast to "self-parking", where users find a parking space on their own, users' vehicles are parked for them by a person called a valet. This feature will be one of the future works (refer to section 9). These were most of the comments received by the 20 users and what we have done in order to improve the application design and user experience. After looking at the users’ survey answers (Appendix xx) we can conclude that their experience with ParQU system was good overall.

One comment, for instance, on the page views as they were fixed and not scrollable. In other words, when the mobile device’s keyboard was on, it obscured the rest of the items on the screen and the user had to scroll down the keyboard in order to see the other screen items. Another comment we received is regarding the buttons. The buttons do not show that it is clickable. For this, we added a fading effect, as when the user clicks the button, the button is animated with a fading effect. Some of the student suggest us to add some description for each service as in the website to give them overall idea about the system. For this we added “more details” option in the side menu. Another suggestion was about adding additional services such as having valet parking. In contrast to "self-parking", where users find a parking space on their own, users' vehicles are parked for them by a person called a valet. This feature will be one of the future works (refer to section). These were most of the comments received by the 20 users and what we have done in order to improve the application design and user experience. After looking at the users’ survey answers (Appendix xx) we can conclude that their experience with ParQU system was good in overall.

We managed to find 20 of our university colleagues and asked them to use ParQU system. After that, we also asked them to fill a short online questionnaire in order to get their feedback about what they think of the overall system. During this process, we received so many comments on the user interface of the application and website to improve the user experience of our system. All the comments were taken seriously, and some are critical and have been incorporated in the revision process of the system design and in subsequent further system improvement.

Acceptance Testing Questions

* How easy did you find ParQU to be? Rate on a scale of 1–5 (1 being very complex, 5 being very easy)
* 1
* 2
* 3
* 4
* 5
* Is the user interface of the Android application pleasing to look at and work with? (Rate the UI design on a scale of 1–5 based on design preference)
* 1
* 2
* 3
* 4
* 5
* Is the user interface of the website pleasing to look at and work with? (Rate the UI design on a scale of 1–5 based on design preference)
* 1
* 2
* 3
* 4
* 5
* How often would you use this service if it was provided to you in real life?
* Each day (or more)
* About once a week
* Once a month
* Sometime a year
* Never
* Which feature(s) of ParQU is the most useful for you and why? (Select all that applies)
  + Checking availability of parking spots
  + Get direction for a specific parking spot
  + Create Reservation
  + Extend Reservation
  + Cancel Reservation
  + Showing current occupancy trend (Histogram)
  + The number of people currently looking in a certain zone
  + and why (Comment box)
* Please highlight any feature(s) that you feel is missing from the system
  + Comment Box
* Was there something you did not understand about ParQU?
  + Comment Box
* What are the alternatives that you would be considering along with ParQU?
  + Comment Box
* Would you recommend this app to your colleagues and friends? (1 being never, 5 being definitely)
* 1
* 2
* 3
* 4
* 5
* Please provide any additional suggestions and comments
* Comment Box