

Ezparking: User Testing Plan and Result

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User Testing Plan	
Project Name	Ezparking
Date Produced	2023/3/2
Data Revised	2023/3/9
Test Goal	Through the use' experience of our application, find out the bugs and latent defects
Test Plan	Let the users play and explore our finished application in the client side application and admin management application respectively
Testing Outline	<ol style="list-style-type: none"> 1. Let the non-technical user play around with the client-side app to find the logic problems and collect feedback on UI design 2. Guild non-technical users to play the function in detail to find the bugs in each function 3. Invite a technical user to play around with the client-side app and our backend administration app to find potential problems 4. In the end, we will go over the experience with the user and allow them to ask any questions they still have.

User testing result

User 1:

test phase	comments
client app	The client is mostly functional and can normally select the options provided by the software. However, there are two problems in the parking selection interface, one is there is no indicator showing the recommended rank of the parking lot, and the second is the drop-down menu on the first page is not necessary and does not make sense.
control system	Most of the features worked fine
General feedback	The software is mostly completed, although the aspect of guiding the use is relatively poor, it does not have much influence.

Changes Made:

- Fix the dropdown content on the first page
- Add the indicator to the parking lots ranking page

User 2:

test phase	comments
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client app	The navigation icon is not obviously clickable, and some of the icons are not functional. better to remove those unfunctional icons and make the navigation icon looks clickable
General feedback	Other than the given problems, everything else is working well

Changes Made:

- Change the icon name to 'Navigate now' and add the indicator
- Remove unnecessary parts and change the icon to 'Home'

User 3 : Adam

test case	comments
client app	Also ignore the navigation function and can understand how to use the software.
control system	Most features work fine, but adding a new parking lot or building doesn't add any options on the client side.
General feedback	Most did well, but there were still some problems.

Changes Made:

- Fix the problem of synchronization in the backend

User testing conclusion

Users found several problems in our project for example, the dropdown list does not look clear on the very first page, the ranking parking lots list does not clearly indicate with is the most recommended, the distinction between clickable buttons and icons is not clear, and some of the icons, which are not functional, are displayed in the page. For these problems, we made corresponding changes and tested them. The latest version now contains all the changed features and is ready for delivery. This user test helped us find many potential problems and inconveniences in our program. After collecting feedback from users, we made corresponding changes and got positive results.