

# Ezparking: User Testing Plan and Result

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

## User testing result

### non-technical user:

test case	comment
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 not aware that you can select a parking lot and navigate with Google Map, and the second is not aware of the limited order of recommended parking lots.
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, but it does not have much influence.

### technical user: Adam

test case	comment
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.

## **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.