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## Design Study about the Parking lot as an Urban Park

주차시설의 도시공원화에 관한 연구

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## ○ Abstract

도시로 발달되며, 도심 속 사람들을 위한 장소는 점점 더 없어지고 있다. 자동차가 중시되는 현황에서, 자동차와 관련된 문제들을 단순히 교통과 기름, 환경오염 등으로 바라보지 않고 조금 더 새로운

, , 7.4% 44.9

차장이 차량으로부터 비어지는 시간에 사람들의 공간으로 사용될 수 있는 가능성에 대하여 연구하

대부분 도시외곽에 위치한 자연에 접하여 계획된 공원들이 많기에 생활권 공원의 측면에서는 많은 부족함을 보이고 있다. 이에 이 논문에서는, 현재 도심 속 부족한 생활권 도시공원의 새로운 장소로

Rebar

에 엄청난 이점이 될 것이다.

This thesis seeks to the possibility for usage of new flexible urban park according to frequency of parking usage. Modern cities have become high-density and high-rise more and more, because of excessive developments. And also, they have been developed as car-centric way, so public space for people are disappeared increasingly. In the car-centric present situation, the problem of the car must not be just limited to traffic jam, oil trouble, and environments pollution. There is necessary looking at the problem of the car in a new way. This thesis tries to view the matter about the car, focusing on the occupied space by the car. The most typical facilities are road and parking lot. In this thesis, the parking lot is selected as the research object. The parking lot, which has located all around in the high density city, has possibility to be new public space in the city. To take advantage of the possibility, the research about the parking properties is as follow. First, the parking lot is recognized as the almost non-activity space. Although it is used physically, through occupying the space, there are not occurred events continually. Second, the area about 44.9 km<sup>2</sup>, which is 7.4% of whole area of Seoul, has been role as simple storage for the car. Last, the parking lot, made for smooth use about the car, is also a contradictory space. These helps understand that the parking lot is handful wide space within the city but it is not efficient for the aspect of the space usage. On the basis of these, differs from the precedent researches, the purpose of this thesis is to seek possibility for use the parking lot as human space, when parking is empty. In the aspect of the program solution, the urban park is noted. In the present urban condition, the contribution of the park, to changing the quality of urban life, has being more and more increased. The role of urban park within the city is being acquired the role as social space for increasing of citizen's living quality, beyond providing the natural green space simple. As above, though the necessity and importance of the urban park are emerged, in contrast securing the space for creating a new park is difficult status. Compared other city, the present park rate in Seoul looks like sufficient. But most all parks are located bordering mountains or Han River. So, in the aspect of neighborhood parks, Seoul city's park rate related people's life is too scant. Accordingly, this thesis proposes a method for using the parking space as new space for neighborhood parks, which are scant within city. This thesis should propose the method of changing the parking lot, as the urban park. This method is not a simple radical transformation. With the keeping the

existing function of parking, the method is aimed at the proposal that the space could be used as park according to frequency of parking usage. The concept of hacking is used for architectural method of this thesis. In the context of architecture and urban, hacking is allowing design and creative process to the user. That means to suggest an alternative for misused space and to generate architectural spaces previously unimagined by the designer of the architecture or urban. At this time, hacking is mainly proposed for the concept of an alternative making a new public space in high-density urban area, with the target, those who have been lost public space by automobiles or buildings in city. As cases studies for adapting similar concept, rebar's two projects, related with parking, have been analyzed. On the basis of these analysis, I have noticed that the design project should be adopted the reversible, module system, but also improved the storage method and harmony with the existing structure. In the design chapter, the Lotte mart parking lot in Seoul station is selected the site of this design project. Macro and micro analysis about the Seoul station and definition about the scenario of urban park in this site is implemented. The purpose of this thesis, changing parking lot as the urban park, might be the fragmentary approach to dealing with the one of urban problem. However, the parking lot can be changed to be attractive, because of its characteristic, such as plenty space and wide base location in the city. If the parking space could be changed the embracing public space for people, it would be great advantage of city. In this respect, this thesis proposes a possibility for use the parking space as urban park.


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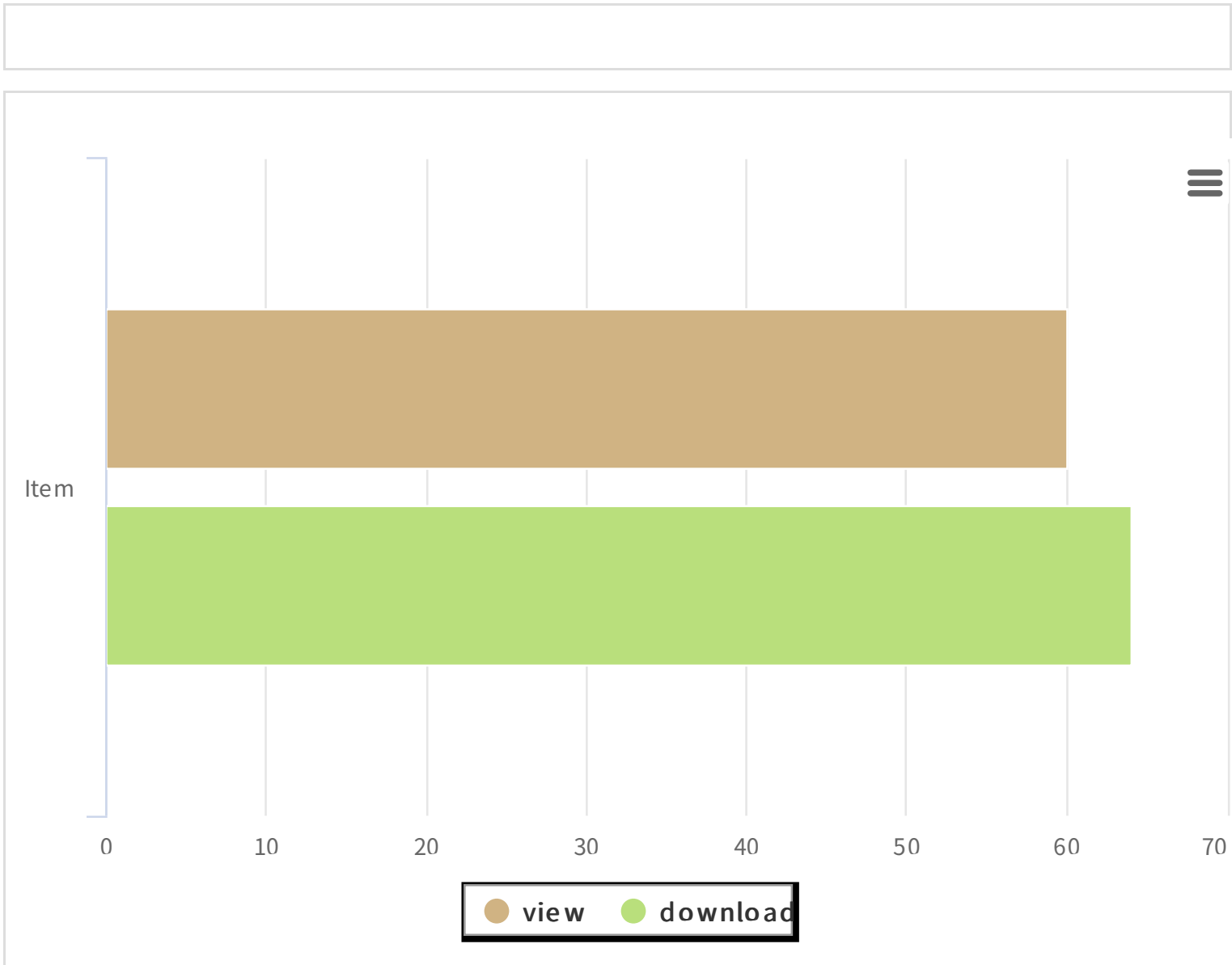
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