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Adaptation of Urban Public Spaces for the Disabled People and Elderlies (The Case study: Imam Khomeini Street, Parsian City)

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Introduction

One of the problems that exists in every human society today is the smooth presence of people with disabilities and the elderly in society and, in fact, their movement in urban spaces. An environment in which civil justice is observed and all citizens, especially vulnerable groups, can use this space. One of the most important problems of urban spaces is its inadequacy in relation to the disabled and the elderly, who are part of the vulnerable citizens of any city. This study, considering the case study of Imam Khomeini Street in Parsian city in Hormozgan province, has tried to provide the ground for its realization in Parsian city by analyzing the current situation, how to adapt it to people with disabilities and the elderly and solving the problems of each of them. Brought, In this regard, the most important objectives of the research are:

1. Identify the necessary standards to improve the conditions of the urban environment for the disabled and people with disabilities
2. Investigating the issues and problems of Imam Khomeini Street in Parsian city from the perspective of adaptation for the disabled and the elderly
3. Providing the necessary solutions to improve the environmental conditions of Imam Khomeini Street and make it suitable for the disabled and the elderly

Methodology

In this research, an attempt has been made to define the urban space and the purpose of adapting the urban space for the disabled and the elderly by descriptive-analytical method and relying on field observations and library studies, including books, magazines, articles, texts, etc. From the method of more libraries to collect information related to theoretical topics, research background, rules and regulations, etc., and from the field observation method in the case study mentioned how the structure of sidewalks, streets and public places in this place are examined and analyzed. Taken and used. Finally, strategic planning (SWOT) was used and in this method, strengths and weaknesses on the one hand and opportunities and environmental threats on the one hand were presented to the disabled and the elderly and strategic proposals were presented to reduce problems and improve it.

Results and Discussion

This study examines the strengths, weaknesses, opportunities and threats of Imam Khomeini Street in the SWOT table.

Evaluation table of internal and external influential factors in Imam Khomeini Street (SWOT table)

Threat (T)	Opportunity (O)	Weakness (W)	Strength (S)
<ul style="list-style-type: none"> - Non-standard height of urban furniture, suitable for the needs of the disabled - Ignoring the presence of the disabled in the urban space - Inadequate health facilities for the disabled - Ignoring the rights of disabled citizens - Inability of the disabled to use public transport - Lack of health services appropriate to the needs of the disabled - Lack of adequate security for the disabled and the elderly in the city - Inadequate lighting in the range - Lack of proper flooring for the disabled on sidewalks and accident hotspots 	<ul style="list-style-type: none"> - The possibility of providing services for the disabled - Allocating places for the disabled with appropriate signs at intersections and... - Adapting the sidewalk to the movement of the disabled - Paying attention to the entrances of the uses for the movement of the disabled without obstacles - The possibility of developing sidewalks, uses and public places for the proper use of these places by the disabled - Creating a standard ramp in banks for the disabled to use its services - The possibility of establishing a constructive interaction between the municipality and welfare 	<ul style="list-style-type: none"> - Do not install warning signs on sidewalks and public spaces - Improper connection of the street with the sidewalk - The movement of motorcyclists on the sidewalk and the decrease of safety on the sidewalk - Narrow width of some sidewalks - Existence of empty space between the sidewalks and creating obstacles in the movement of the wheelchair - Barrier to some uses in the middle of the sidewalk - Improper placement of trees on sidewalks and disturbing them for the disabled and other people - Existence of improper level difference on the sidewalk instead of the ramp with a suitable slope - Variety of use of materials in floors and sidewalks that confuses the disabled, especially the blind - Ignorance of flooring - Lack of proper ramps between the street and the sidewalk - No WordPress footer at user input 	<ul style="list-style-type: none"> - Existence of various activities in the area - Having most of the uses in the range

According to the information obtained from the table and according to the goals, strategies and policies that can be proposed, solutions to improve the situation of this street and make it more presentable for the disabled are provided.

Objectives, Strategies and Policies for the improvement of Imam Khomeini Street in Parsian

Politics	Strategy	Target
Remove the edge of the table at the entrance and exit of the sidewalk to allow the wheelchair to pass	Providing the necessary arrangements for the presence of all sections (especially the disabled) of the society in Imam Khomeini Street	Inclusiveness of space and effort for the presence of the disabled
<ul style="list-style-type: none"> - Encourage riders to slow down at intersections - Maintain the safety and tranquility of the disabled by creating a separate lane for cycling 	Provide safety and security for the disabled against the rider as well as against the pedestrian	Provide security and safety for the disabled along the street axis
<ul style="list-style-type: none"> - Flooring continuity along the way - Using suitable materials with the needs of the disabled along the axis of Imam Khomeini Street 	Creating a suitable floor for the presence of the physically disabled on the street	Suitable flooring for the disabled
<ul style="list-style-type: none"> - Construction of ramps with materials appropriate to the needs of the disabled - Increase the width of the ramp to pass the wheelchair - Ramp design with a maximum slope of 8% 	<ul style="list-style-type: none"> - Remove stairs - Resolving the difference between the floor level of the street and the entrance of the building in accordance with the needs of the disabled 	Possibility of disabled people using public buildings along the way

Conclusion

This research was carried out in order to improve Imam Khomeini Street in Parsian city and the problems in this street have been studied. According to the problems mentioned and the photos provided, the results are as follows: In the city, there are many problems related to the movement of the disabled and the elderly and the presence of these people in the urban space. Lack of proper ramps or bridges between the sidewalk and the street, reducing the width of the walkway and blocking the sidewalk due to the progress of the building or the passageway of some uses, inadequate flooring and the use of various floor materials that confuse the blind, as well as furniture Urban (signs, lights,

charity box, benches, obstacles to prevent motorcycles, ...) On the sidewalk, the difference between the unauthorized level on the sidewalk and the street, etc., are all such problems on Imam Street, which cause insecurity on the sidewalk and cause harm to the disabled. To solve this problem, items such as sidewalk width, pedestrian height, longitudinal slope and width of the sidewalk, height change and unevenness of the sidewalk surface, etc. should be adapted according to the criteria mentioned in this article. This unfavorable situation requires careful and coherent planning to improve the current situation and increase safety and comfort, and thus create a lively and happy environment with the presence of the disabled and the elderly

Finally, according to the SWOT table, solutions and suggestions are presented, which include improving the sidewalk, creating standard ramps at the entrances of the uses, installing escalators between the street and the sidewalk, repairing the floor and installing warning signs for the blind, installing standard urban furniture.

Keyword: Adaptation, Urban Space, Street, Disabled, Elderlies, Parsian City.

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