

# Solutions for Disability' Problems in Saudi Arabia

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## Abstract

In general, the disabled situation in Saudi Arabia is pitiful. Many people with physical disability suffer from losing their rights. They are subjected to discrimination, neglect, unemployment, and isolation. The local response has a lack of advanced and reasonable insights to handle this type of problem. It is a reality; the current position is critical. However, each problem has a solution, this paper explains several solutions to the problem of disabled in Saudi Arabia. In the United States, the situation of the disabled is very good, which deserves to be the best example to follow. There are some solutions that can help to improve the disabled state in Saudi Arabia. Law, awareness, automatic doors, parking, accessible pedestrian signals devices are remarkable factors to resolve to this complex issue.

## 1. Introduction

In February 2013, a Saudi journalist wrote an article concerning people with disability situation in Saudi Arabia. He described their conditions in terms of suffering and included some of the disabled complaints. Someone said, "The public are still not used to seeing disabled people in public places, socializing or working outdoors." Then, someone else said, "We also face a problem when we want to park our cars." (Muhammad, 2013)

Nowadays, the suffering of the disabled is dramatically increasing and complaints are spreading in social media. The government is responding to the issue but it focuses on providing equipped facilities and social service such as health centers. The disabled can find the support inside these buildings, which definitely are the only places that are equipped for them. However, these services are not enough. Since the society is not prepared to accommodate the disabled, this viewpoint isolates them from the society. Thus, the government response is traditional and even makes the problem worse. Therefore, this paper illustrates valuable information that helps to improve the disabled situation.

### 1.1 HISTORICAL BACKGROUND 2

During the 19<sup>th</sup> century the disabled situation was good in the Islamic World. Prior to 1900, the Ottoman Empire controlled the Islamic World and it collapsed in 1923. In 1932 King Abdul-Aziz Bin Saud has established Saudi Arabia. At that time, conditions were not stable due to successive wars and extreme poverty. As a result, the situation got worse. Many necessary amenities sequentially declined.

The paper explores the history of attitude towards the disabled people through ages in western society and the eastern Islamic society. It describes the disabled situation particularly in Saudi Arabia these days. More over the paper shed light on the current situation of the disabled in Saudi Arabia. It addresses both the positive and negative aspects. Finally, it recommends some strategies to be considered to solve the disabled problem.

The attitude toward the disabled in the western societies was negative. It begins in the 14<sup>th</sup> to 16<sup>th</sup> century, the dark ages, and continues through 18<sup>th</sup> and 19<sup>th</sup> century (El-Hady, 2011). While the attitude for the disabled in the Islamic World was very good, (M. Miles, 2000) it was negative in Europe at that time. The disabled in the western societies throughout that time, suffered from being killed, segregating and neglecting. Disabled Muslims enjoyed a decent life. No wonder, Muslims at that time followed the Islamic teachings, which endorse fair and respectful rights for the disabled (Al-Mousa, 2010).

#### 1.1.1 Disability History in Western Society 3

During the 14<sup>th</sup> to the 16<sup>th</sup> century the attitudes towards the disabled changed. It begins with the fact that disabled people were killed and segregation from community (Idiots, Imbeciles, 2013). Paradoxically, the attitude gradually changed and improved. It changed dramatically to being accepted, accommodating and engaging in society these days. These gradual changes happened because of some factors such as the lack of awareness, neglecting and traditional social requirements. There are some factors that affect disabled peoples' situations in different societies. Lack of awareness is the most common circumstances that influenced disabled.

In 14<sup>th</sup> to 16<sup>th</sup> century, people with disability have been treated brutally and aggressively. Whether they were born with the disability or they got the disabilities in an accident they were they were treated cruelly, especially those with severe disability forms. In Greece, civilization was based on taking good care of health as a

religion perspective. Children who were born with a physical or mental disability were taken to a deserted area and left to die (Disability, 2013); or they have to be killed after they were born (Idiots, Imbeciles, 2013). In other words they were not welcomed. According to the New York Times Newspaper, there are some examples that explain peoples' attitudes towards disabled people. Archeological studies showed the analysis of ancient bones found out that some of them were children, teenagers, and adults. They found bones belong to a person who had a missing arm, damaged eye and some injuries in 45,000 years ago. In 100000, years ago, they found a skeleton that showed a serious form of dwarfism with short hands. 7,500 years ago, some analysis found bones for a boy who developed harsh abnormalities of his spinal. 4,000 years ago, a woman has a neuromuscular disease associated with lack of legs, which prevented her from walking (Chew, 2012). Figure lays an example of some remaining bones to a disabled person, in which the skull was large and hands were short.

Prior to 18<sup>th</sup> century in Europe, people with disability had been perceived and treated in a negative way due to ignorance. They suffered from segregation and contempt. They were not accepted because of their disabilities. They were classified as a lower class along with homeless in the society. In addition, some with certain types of disability were intensely stereotyped and discriminated against and isolated as a result (El-Hady, 2011). At that period of time, there were warriors who were disabled in war battles. Some of them were wounded while the others were blind. Blind people play an important role with recording war events. They were excellent in drafting poetry. Therefore, they composed long poems that described wars and recording events at that time. These categories of disabled people had a better position in society. As a result of poets' contribution to recording events of battles into nice pomes, the attitude towards disabled changed. During this span of time, it was first time that the society thinks about the rehabilitation of some people with some types of disabilities. Education, training and rehabilitation were advanced efforts to be mentioned. The care about the disabled concentrated on rich families (Persons, 2001).

This negative attitude lasted to the 19<sup>th</sup> century and the segregation became worse. With the Industrial Revolution in Europe, the living conditions have changed. Many factories were established. There was a high demand for workers. The labor market required the workforce to be healthy and capable of working. Unfortunately, the handicapped were rejected and perceived as less worthy. In addition, in order to take care of disabled people and improve their situation, they were sent to home care. With the medical institutions growth and concentration of care in these institutions, the disabled became completely alienated from society (The history, 2007).

### **1.1.2 The Disabled Situation During the High Centuries of Islamic Civilization**

Muslims had some stunning achievements for the disabled in early stages. In the Middle Ages during 970 AD, Muslims had achieved significant movements concerning the disabled (Al-Mousa, 2010). Regardless of the categories of disabilities, Muslims were the pioneers in improving the disabled situations whether in the intellectual or physical side. Blind people were allowed to study in educational institutions along with other people. Al- Azhar University was a vibrant hub of knowledge in Egypt, which was the best example of teaching blind people several types of sciences at that time. This movement spread all over the Arabic World (Al-Mousa, 2010).

During 15<sup>th</sup> to 19<sup>th</sup> century, people with disability were welcomed to work in public facilities. For instance, deaf people and dwarfs have different jobs in the Turkish Ottoman court. "Their signing system became popular, was used regularly by hearing people including successive Sultans, and was reportedly capable of expressing ideas of whatever complexity" (M. Miles, 2000). In addition, dwarfs or people with small size treated equally. They were even privileged to do certain jobs. Entertainers, deaf people and dwarfs had high demand globally due to their good reputation. They were viewed as talented who were capable of working in entertainments. They gave jokes and joy for the public and Sultans; sometimes they played with the young royal members and made them happy. As a result, these happy situations helped them to have self-confidence and feel accepted in the community.

#### *1.1.2 The Current Situation of Disabled in Saudi Arabia*

The current situation of Muslims with disability has varied dramatically due to several factors. The earliest years of the 20<sup>th</sup> century have experienced successive wars and extreme poverty. When Saudi Arabia has established by King Abdul-Aziz Al-Saud, there was no much effort towards improving the conditions of the disabled. Nowadays, the disabled status has improved in some areas because of the technology and it is getting worse in other areas. It has two aspects: positive because of the significant efforts and negative due to the lack of knowledge. The positive situation is represented by the government efforts as well as the welfare organizations. There is a verity of services to people with disability in Saudi Arabia such as equipped facilities, building health centers and other social services. In contrast, the disabled are subjected to segregating and neglecting because of unawareness of the community, which cause all negative reactions towards the disabled.

The government provides general social and material services for people with disabilities along with welfare institutions. These efforts are at the highest level of performing. Disabled people will benefit from these services in several ways. These governmental and organizational services and favors are offered for both genders in and categorized to support all ages children, adults and elderly. For instance, in traveling, there is a discount up to 50% for the disabled person and including their dependents. For the disabled with missing parts of body, they gain a substitute for them such as artificial part. In some sectors, disabled are welcome to work. Since they are capable of performing, they have should be treated equally. They are normally allowed to be employed along with non- disabled. In some important institutions, there are certain parking and exits for disabled. Educational institutions open doors for the disabled who have hearing, visual and speech deficiency to learn. There are many advanced facilities that accommodate disabled people with mental disabilities. They enjoy high form of supervision and rehabilitation and take good care of. Each disabled person has financial support as monthly subsidies.

Saudi Arabia offers three types of facilities in order to ensure a decent life for people with disabilities. First kind of facility is about medically equipped buildings for treatment and rehabilitation. Some of these facilities are for people with mental disability while the others are for physical disability rehabilitation. The Ministry of Health nowadays provides and supervises 18 health centers all over the kingdom. Facilities that focus on a social rehabilitation is the second facility that Saudi government provides for disabled. These facilities have been operated and supervised by the Ministry of Social Affairs. Each social center aims to teach the handicapped a wide range of social, educational and vocational skills. Therefore, they become qualified and can have an independent life. These educational institutions are spread throughout Saudi Arabia regularly. In addition, non-profit organizations offer assistance for people with special needs. A good example is the Jeddah Institute for Speech and Hearing (JISH). It is for people with disability in speaking and listening. It was established in 1993 and highly prepared with modern equipment (Social, 2013).

At a glance, these are plentiful services that have been provided by the government and Non- profit organizations. Nevertheless, these efforts make disabled people subject to segregation in society (Country, 2002). The disabled can find support only in these health centers and facilities provided which definitely are the only places that are equipped for them. Although the facilities and services provided are good enough, they do not to meet the needs of the disabled regarding engaging them in social activities in the society. What makes the situation worse the society is not prepared to accommodate the disabled. Consequently, this perception isolates them from the society.

The handicapped in Saudi Arabia are prone to seclusion, unawareness, and lack of public equipped accommodation through society (Huda, 2009). People with disability are not fully engaged in society because of some intellectual and material barriers. As mentioned before, the government makes effort and spends money to embrace disabled people, but that affects them in a negative way. People with disability become subject to isolation in these institutions, and cannot participate easily in the current society. They disappeared from general public. Sometimes people feel that there are no disabled people in the community or they think that numbers of disabled people are very few

In fact, there are some services provided for the disabled people in Saudi Arabia, however they are not as much as they are in other developed countries such as the USA. For instance, there are special exits and entrances, parking lots, but they are not common in every institution. The society usually is not equipped for them. Transportations, public and private sector institutions, public accommodation, and special telecommunication should necessarily be available for the disabled to allow them to work. When it comes to entertainment, there are no sufficient parks that fit their need. Disabled people most likely cannot approach and enjoy themselves by their own (Al-Mansour, 2012). When it comes to work, opportunities of hiring disabled people are very rare. Due to the lack of equipped institutions, the handicapped are hindered to find jobs, thereby many of the disabled are compelled to avoid approaching public institutions such as schools, universities, hospitals, companies and so on. No wonder that most disabled people are not as qualified to have jobs as non-disabled.

Lack of awareness plays a huge role. It causes some people to act inappropriately towards the disabled and careless about their facilities. People are less educated concerning dealing with disability and careless about their rights. They are subject to normal people gazing at them everywhere, which give the disabled hard time. When the disabled go to public places they find that normal people feel sorry about them. Some people give them charity, which also make them feel uncomfortable (Muhammad, 2013). Some people show mercy and treat them friendly just because of their impairment. These are just some examples of how disabled people may feel inferior because of the normal peoples' perception to them. In addition, some people are careless towards disabled people accommodations. Some government buildings have a special path only for the handicapped use. When the handicapped visit government institutions in order to manage their affairs, they suffer badly in obtaining the services that were specified for them. In the case of hustle for example, some of non- disabled park their cars on that path of the disabled. It definitely blocks their ways and hinders their movements from place to

another. The handicapped with wheelchairs especially cannot move easily. What makes matter worse, there is no law that punishes normal people when they give disabled people hard time. For example, there is no ticket from the police for this type of violation in Saud Arabia (El-Hady, 2011).

Roughly speaking, there are many facilities for the disabled that are equipped with advanced devises all over Saudi Arabia. The government and charity organization make significant efforts to rehabilitate the disabled. They provide a verity of services in order to ensure decent life for people with disability. These efforts are remarkable, however it causes some negative impacts. Disabled people are subjected to segregation, neglecting, and losing rights because the lack of awareness. Since each problem has solutions, there are some vibrant and practical solutions to review.

### 1.1.3 Solutions

In order to improve the situation of disabled people in Saudi Arabia, there are many things to be considered. With the industrial and scientific movement in the United States, Americans become the pioneer in most the latest development in different walks of life. They stand for the disabled rights and improving their positions. There are extraordinary models of caring of disabled people. Law initiations and enforcement is one of the compelling solutions in the United States that target the disabled people. American with Disability Act (ADA) for example is an amazing law that ensures the disabled rights. People reaction towards disabled people also is often reasonable. There are some tangible solutions to take good care of disabled such as electronic doors, parking, and accessible pedestrian signals devices.

#### 1.1.3 American with Disability Act 2

ADA defined the disability as a person with mental or physical deficits that hinder their ability in perusing vital actions in daily life. The disability for many Americans means people who have a form of deficit such as blindness, dumbness, speechless and be seated. Nevertheless, that definition has changed to include American veterans. Disabled people in the US are of two types: some got the disability when they were born and some others got disabled as a result of war. American with Disability Act (ADA) is a system that imposes disabled rights and avoids being discriminated against based on their deficiency. It is a comprehensive law. It renders services to all those with several types of disability. Deaf, dumb, blind, people with depressive disorder can benefit from this law. When it comes to work, this system was legislated on 1990 to protect employee with disability's right. It serves employees who heal from preceding type of disability and that lameness who may have discrimination (Hyland, R, 2013).

ADA focuses on disabled people to have equal opportunities in every thing along with non- disabled. It also ensures that disabled people practice their daily life independently. It enacts regulations in several fields that are important for them. ADA guarantees that individuals with disability have employment's rights. Buses, gas or train stations and every thing related to transportation have to be accessible for individuals with disability.

Moreover, public residencies have to be designed according to special criterions that serve disabled people. In addition, all government institutions have to be equipped to accommodate individuals with disability. Some people with a visual deficit use special devices to communicate. These devices require special forms of telecommunications services. These services have to be provided in all states for the disabled by the ADA. (Americans, 2006). Finally, disability is interpreted differently. The important part is that disability includes all types of impairment whether physically or mentally that hinders the ability of performing. It includes the disabled who got the disability from war or born with it. ADA is a perfect system that serves and protects the disabled rights and ensures the equal chances in every thing.

#### 1.1.3 Automatic Doors 3

There are electronic doors and exits for people with disability. These doors have different shapes, widespread in the US and provided for emergencies. An automatic door is designed to operate by electricity. It requires electricity of 120V AC to operate (Automatic, 2008). These doors have different ways to work. Some door open and close by detection systems, while others have buttons. Doors with hand controls works when disabled person hits the button. The button has different shapes such as square, circular and some has both as is shown in figure 2. It can be hanged over walls beside the doors as figure 3 illustrates. It can be installed outside anywhere as well.

Automatic doors can benefit disabled people who use wheelchairs, blind people, and senior people in daily life. It helps many physically disabled people to enter and exit places independently. Each of these buttons has two features: they are big enough for the disabled to touch and easily accessible because they are located lower on walls of building. Therefore, it becomes easy to recognize and touch by blind people. For other disabled people with wheelchair can touch the buttons. They do not need to stand up for their wheelchairs to push the buttons.

In the US, most buildings are equipped with these automatic doors. They are extremely widespread in most institutions that disabled people frequently visit. It can be found in different places such as industrial,

educational, health, governmental, commercial, and entertainment environments. What is astonishing is that these buttons are commonly used not only in the basic buildings, but also in entertainments. A remarkable example is at Walt Disney World. There are automatic doors and exits in most buildings. Even there is a special lane only for individuals with disability. In transportation, buses and boats also are well designed to carry several types of wheelchairs. Guests with disability have full accessibility to transportation (Walt, 2013).

The second characteristic of automatic doors is that they are secured and manageable. They have a security system, that makes them sensitive to people crossing and existence. It does not close while someone is there. They are designed to work smartly and safely for emergency situations (What are, 2003). Likewise, they are fixable. The speed of the speed of the door can be easily adjusted. In case of emergency, there is no worry of losing power. Since these doors are working by electricity, each door has a back up battery. That battery is fully charged and ready all the time. The electronic door eventually is a tangible machine that works successfully in the US (Automatic, 2008). Many disabled American can benefit from the automatic doors and move easily from one building to another. It has some features such as widespread, flexibility, safety.

#### *1.1.3 Accessible Pedestrian Signal Devices 4*

One of the good principles of (ADA) system is to assure providing an affective communication to the disabled who are blind or have lack of vision. Accessible pedestrian signals devices (APS) have been designed as a respond to ADA. Since blind people are not capable of crossing, these devices are designed to serve disabled who cannot respond or recognize visual signals. APS give the disabled verbal instructions. APS are designed in an advanced and accessible form so they can be helpful and easy to use.

In street crossing case, there are accessible pedestrian signals devices that ensures safe crossing of the disabled. APS are devices that are located lower on the traffic signs to produce distinctive voices that draw attention to lead the disabled while crossing. These devices are widespread in the US and have multiple shapes. Each appliance includes a button, which is around two inches in width, audible to be heard, tangible arrows that leads to walking directions. Figure five easily illustrates these details. In almost every intersection there are APS with signs on it to help disabled cross streets safely. The proximity allows the disabled to reach to buttons easily. Disabled pedestrian can only push the button before crossing in order to activate the traffic. It saves time and effort. It has a tangible arrow that indicates to the crossing direction. Sounds that come out of these devices are the same, but different in time to help determine which street is available for walking. These devices must be hanged on each traffic pole. These buttons guarantee that the disabled can have full usability of these devices (Barlow, 2009).

APS are advanced technologies that are installed in most traffic lights in the US. These devices work incredibly and many Americans with visual deficit can cross streets safely. Each device has to be designed strictly according to specific regulations. These regulations aim to guarantee safe crossing. It would be a significant move to make if these appliances are installed in Saudi Arabia in order to help the disabled people.

#### *1.1.3 Parking Lots 5*

As some physically disabled are using automobiles, they need parking lots. There are many accessible parking areas allover places in the US. At glance, people with disability can find a parking space in the governmental, industrial, public, commercial accommodations. The law enforces these institutions to provide fully equipped and organized parking areas. The Department of Justice in the US enacted new laws beneath the American with disability Act. These regulations involve all necessary facilities that people approach in daily life and typically includes parking. The new regulations are about new criterions that determine the maximum and minimum requirements and guidelines that the parking areas have to be designed. The number of accessible parking spaces and how parking would be are such an example. Figure 6 is a simple example that explains how parking areas should look.

The disabled in the US have priority to park their vehicles in parking designed especially for them. People who have long term or short term of physical disability that hinders their ability of walking can use these parking. These regulations enacted to ensure the person with disability has full and comfortable access to parking areas. It is an organized process. No one has the right to park their car in these parking except the disabled. To make out the best use of the disabled parking areas, people with disability should have placards. They allow them to park in accessible parking area any time, so they can ensure only the disabled who can use these parking. Motor Vehicle Department can provide these cards along with license plates in all states. Both cards have the International Symbol of Access ISA (National, 2013). ISA is a symbol that has a wheelchair person form what is known globally (The international, 2013).

Temporary cards are free and will not last for long. It is valid approximately for six months. There are some requirements for individuals with short-term disability to have this card. He or she has to have a doctor. The doctor must write a report to explain the patient's condition and determine when and how long the medical condition will last. When the card expires, the patient has to renew the cards as soon as possible. People who

have a permanent condition of disability also should have license plates. In addition, people with permanent condition of disability should have permanent placards that can be available for around three years. For the disabled to be eligible for this card, he or she has to have a medical report that explains the disabled condition (Weiss, 2010).

Parking in the disabled space is unethical behavior. It is a great thing when most people avoid using the disabled parking. Laws are very strict when it comes to illegal behaviors. Even a person who parks in the disabled spot if someone calls a police, police will respond in minutes and make him step side. In each society there are some people who break the rules. No wonder to see some people who are not parked in these special parking spots or abuse using place cards. In order to control this process, the U.S. government imposes punishments for those who commit this type of violation (Clary, 2012). There are several levels of police tickets. That is varying about the degree of the person's mistake. It begins little and increases gradually. It is also different from one state to another. California tickets system is a good example to review. A fine begins with \$250 to \$500 for the first violation. For the second time the fine will be between five hundred dollars and seven hundred fifty dollars. For third offenses, fines will be seven hundred fifty dollars to one thousand dollars. For more violations, the offender should deal with court (California, 2011). Finally, there is accessible parking for the disabled all over the US. The disabled acquired these parking spaces by law. In fact, there are some regulations for parking to be on design. Most people respect this right for the disabled and leave these parking spots only for the disabled to use. There is a special card for the disabled to use, so it becomes easy to recognize. More than that, there are tickets for violations and it varies based on the size of the mistake.

### Conclusions and Recommendations

The disabled have suffered from abusing through the history in Western communities while they have a decent life in Islamic societies in old reigns due to some factors such as high civilization. Paradoxically, these days the disabled in the U.S. and Western communities have a decent life in general while disabled people are marginalized and segregated in the Islamic societies especially Saudi Arabia. In Saudi Arabia people with disability still complain about losing their rights due to some reasons. People in Saudi Arabia need to be educated in dealing with the disabled. The government also should initiate law for the disabled and enforce it. It will be very helpful if there are APS devices, automatic doors, and parking areas for the disabled. Implementing these solutions is very significant to solve the disabled situations.

People with disability in Saudi Arabia need to be engaged in society and communicate with non-disabled people. In order to engage the disabled people, there are several suggestions that are highly recommended.

- 1- I believe working with group results in a stunning work, in order to help the disabled I can found an organization of volunteers to work together to raise the community awareness to words the disabled people in the society. To gain peoples' trust for the organization, I have to make this effort legal by being members in the Social Services Center in my city.
- 2- My team and I can organize monthly visitations to hospitals and houses of the disabled. Our goal here is to make them happy and make them feel that they are welcomed and engaged in the community. We can check up on them and discuss a variety of subjects.
- 3- I will collect information about the disabled people and add them to a list in order to keep in constant contact with them. I have to widen the circle of the disabled people, and so I can reach out to the biggest number of the disabled.
- 4- I can create a family friendship program. The family will be a friend of a disabled person so they can visit, contact and enjoy them regularly. If I find some families I have to prepare a simple course about dealing with a disabled person to educate these families.
- 5- In the social centers in my city, I can organize symposiums to educate people about the disabled treatment, rights, and other important aspects. By the end of the speech, I will make announcement about the idea of the family friendship program and offer my contacting cards to the audience.
- 6- There is some successful disabled, I can host them in the center and share some of their experience to people so that people will appreciate the disabled people.
- 7- My team and I can design an easy creative video clips that explain how to treat the disabled, their rights, and how talented the disabled people are.
- 8- We can use the social media and the Internet such as Facebook, what's up, and tweeter to promote the goals of the organization and familiarize the community with disabled issues.
- 9- In Saudi Arabia as an Islamic and conservative country, it is not acceptable for girls to look for a husband. There are some non-disabled girls who agree to marry a disabled person, so I can play the mediation role in this field. I can gather the girls' information in a private way.

- 10- In the current situation, many disabled people still suffer in marriage. I can raise awareness campaigns about marriage from handicapped. Since there are social centers in each neighborhood my team and I can perform this campaign in these centers.  
A-I can deliver a lecture to discuss some aspects of this type of marriage such as income and reproduction.  
B- There is some nondisabled who marries from disabled person and has a staple life. I can invite some successful couples to talk about their life story and allow the audience to ask questions.  
C- by the end of the meeting, I can offer the ideas of marry a disabled person and offer my contact information to the audience in case someone is interested.
- 11- In Saudi Arabia there is an Awareness and Guidance Association, which provides financial and moral support. My team and I can organize a festival with a variety of educational and entertainment activities that engage the disabled and non disabled.
- 10 – In each school in my city there is activity time so my group and I can visit schools and raise awareness activities that are related to the disabled. I will coordinate also with the principal of the school and the teachers to take students to visit the disabled in their schools. So they can interact with them and make friendship.
- 11- I can coordinate programs between universities and some creative and influential disabled people to be hosted to share their story of success with college students.
- 12- Some of the disabled have special talents in handicraft. It is a good idea to ask them to work together to organize an exhibit to show their work and share their experiences. I will encourage each disabled to give a brief overview about their work. This is going to be a very good opportunity to interact with nondisabled people. I can rely on them to make some work done as a way to make them feel that they are equal to non-disabled.
- 13-I can visit some companies and institutions and explain that some physical disabled can work in such jobs that do not required movements and I offer my business card so I can be easily approachable.
- 14- Some companies and institutions offer job opportunities for the disabled but they do not make announcements publicly, so I can visit them and offer help by offering them to provide disabled employees who are capable of doing certain jobs.
- 15- I will transfer my experience here in the USA regarding dealing with disabled to my community. Since most agencies in my country have a suggestion box, I will suggest some admirable solutions that I have seen in the U.S. for the disabled in and ask the social center administration to approve them
- 16- I will try to reach out to the people in power through TV shows. There are some vital TV shows on the first Saudi channel that discuss society issues. Sometimes, some princes and philanthropists watch these shows and provide assistance when they watch touching situations of the disabled. Furthermore, I can make calls or participate in these TV shows to draw the society attention to the disabled needs.
- 17- I will use my connection of friends to raise awareness towards the disabled people. I have friends who are professors at universities. I can ask them to draw their students' attention to the disabled needs and promote the activities for the disabled organization.
- 18- I can qualify some members of my team to learn a sign language so they can help me when I deal with the deaf and dumb. Sometimes, when I deliver symposium or activities, there are deaf and dumb. My sign language specialist can translate my speech to the disabled.
- 19- Since most of blind people have a strong memory, I can organize annual competition for memorizing the Holy Quran and the Prophetic Hadiths from the Sauna to the disabled and non disabled. Since the Awareness and Guidance Association can financially support me, I can reward the winners to motivate them. Moreover, media should cover this event for this media coverage will highly motivate the disabled and make them feel appreciated when they appear on newspapers and reportage.
- 20- My organization and I can make electronic and a hard copy magazine that discusses subjects about the disabled in a variety of fields and offer it for free.
- 21- I will redeem and promote the image of the disabled in the community. My group and I will design a tree and type some positive messages about treatment of the disabled and how talented they were as the leaves of the tree. We are going to send it as a gift for popular places that the disabled frequently visit. Thus, they will feel appreciated by the community when they see it.
- 22- In order to improve the work in the organization, I will ask people in general to give me a feedback about any activities that we do for the disabled.
- 23- I will target the place that are crowded with people such as malls, festivals, and mosques and introduce the disabled, their needs and importance in the community.
- 24- There are some disabled people with autism who are active only on tweeters and Facebook. I will introduce these disabled to other non-disabled so that they will make friends and get involved.
- 25- Some pygmies, short people, find difficulties finding their fashions of clothes. I will work to specify a supermarket that takes care of providing these disabled with their style of clothes.

26- I will organize sports activities for the disabled to entertain them. Since the social centers are large, my team and I can prepare sports activities such as running, basketball and footballs. We can also provide balls with bells for blind people.

27- I will present a simple course to rehabilitate on how they deal with their disabilities. The number of temporary disabilities in Saudi Arabia is expected to increase due to the high rates of car accidents. Most of them need awareness about how to deal with their new temporary situations.

28- Some humanitarian businessmen felt very happy to donate and finance small projects. I can offer them some suggestions such as installing electronic doors in some buildings that disabled people usually visit.

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Figure 5: <http://www.access-board.gov/research/pedestrian-signals/bulletin.htm>

Figure 6: <http://adata.org/parking>



Figure 1 remaining for a killed disabled (Chew,2012).



Figure 2: Shapes of buttons (Sweets, 2013).



Figure 3: buttons can hang out side (The automatic, 2013).



Figure 4: Buttons are easy to tech (Doorconcepts, 2013).



Figure 5: Pushbutton-integrated APS (Barlow, 2009).

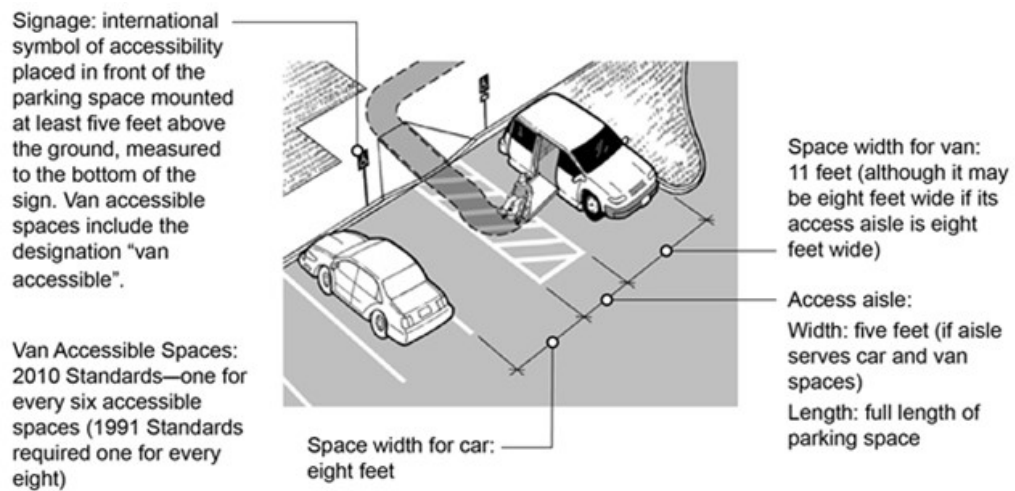


Figure 6: Parking details (National, 2013).