# The impact of the futuristic Centre on the level of Bahrain: A Case Study Analysis of Futuristic Centre in Kingdom of Bahrain

**[1]Ashraf Nadheer, [2]Lulwa Abdulaziz**

[1]Engineering College, Department of Architectural & Interior Design Engineering, Gulf University, Bahrain

[2]Engineering College, Department of Architectural & Interior Design Engineering, Gulf University, Bahrain

**Abstract**

Within its Vision 2030, the Kingdom of Bahrain aspires to provide every Bahraini citizen with the means that enable him to embody his full energies, dignified and vibrant leadership, and a safe life. The center provides 3 important sections in the life of the individual, which are the smart library, youth skills development, and business incubators. Therefore, these sections can give the most important topics, which is to help Bahraini youth to cultivate the fruits of the future and move towards a smart environment equipped with technological and technical development, which results in an increase in the level of competition that requires increased productivity and innovation. As a result of the technological advancement that the world is going through, there were some voids and changes in one of the departments, such as the abandonment of offices and the lack of visits to centers for developing youth skills, due to the extent that some centers stopped. On this basis, the paper included some of the questions, which are is there future center in Bahrain that focus on the needs of youth within any age group in 2018-2020? What are the limits of future center that include the talent and abilities of youth people in Bahrain in the year 2018-2020? What are the factors that make youth people leave public library in Bahrain from 2018 to 2020? What are the appropriate facilities from the Bahraini youth to reach the smart and futuristic world! Some of the common standards within the smart library, youth skills development and business incubators, were analyzed, and consider the literature review related to prepare objective. And through the questionnaire that he posed to a group of people of different ages, some of the answers were obtained quantitatively and Qualitative. Achieving the essential role of designing the future center in line with the vision of 2030. This requires new features and distinctive facilities in which each department of this center is distinguished. Providing a 24-hour smart library that the student can benefit from afterwards for purposes and raising the technological and technical level in it. Skills development Young people by setting up all the aids and facilities that contribute to the growth of the fruit of youth creativity and innovation. Business incubators through which they provide facilities to prepare talented businessmen or young people in the market in the future.

*Keywords*: Futuristic Center - Modern Generation - Bahrain Vision 2030 - Design - Smart Library - Capacity Development - Business Incubators - Youth Energy

## Introduction

As the Kingdom of Bahrain, as a people aspire to transform from an economy that depends on the oil revolution to an economy that can withstand global competition, whose features are drawn by the government, and whose development is being spearheaded by the pioneering private sector. The Bahraini people are from the middle class who live at a high standard due to increased productivity and high paying jobs. Both our society and our government will adopt the principles of sustainability, competitiveness and justice, which are fundamental principles of Bahrain Vision 2030 in order to provide every Bahraini citizen with the means that will enable him to embody his full energies and a generous and energetic leadership. Safe life. In light of Vision 2030, the citizen is the primary goal in this paper, which is the establishment of the Future Center, which includes all age groups, the most important of which is the youth category. Where the center contains a smart library, a skills development center and a business incubator, through the facilities the young man can reach a prestigious level in Bahrain in terms of achieving its goals, and this is reflected in the growth of Bahrain.

## Research Terminology

- Futuristic: strange and very modern, or intended or seeming to come from some imagined time in the future.
- Center: A large area that includes a number of departments inside, which could be shops, clinics, etc.
- Business incubators: The platform is a platform that contains highly skilled creators, designers and entrepreneurs. Help them develop their creative work to create an environment that matches their innovations.
- Smartt Library: The smart library is available 24 hours, and books can be accessed throughout the day. The smart library includes all the devices that make it easier for the user in terms of lighting and devices and moving from one space to another.

- Developing youth capabilities: focusing on the talents and tendencies of people towards a certain direction, and helping to grow this talent to reach global innovation and creativity.

## Importance of the Research

- Helping Bahraini youth to grow their future.
- Bahrain is heading towards a smart environment that is suitable for the future generation in 2030.
- Instilling high confidence in Bahraini youth under each age group.
- Creating an integrated center that aims to support the Bahraini youth and provide all facilities.
- Increasing the level of competition that requires increased productivity and innovation.
- Securing equality and equal opportunities for Bahrainis in the labor market.

## Objectives & Aims of Research

Develop an appropriate design for the futuristic center that includes three main goals that contribute to the growth of the youth in terms of the smart library, the development of youth skill and the business incubator and Put The interior design Criteria of Futuristic Center that achieved the following aims: Create a smart public library with facilities up to 2022 such as cafes, modern technology and access to e-books 24 hours a day. Establishing a youth skills development center that includes all age groups in order to contribute to raising their scientific and practical skills among Bahrain's youth, which will be reflected in Bahrain's development. Establishing an integrated center for a business incubator that contributes to helping Bahraini youth achieve their goals, reach a competitive stage at the global level, and raise the level of the economy.
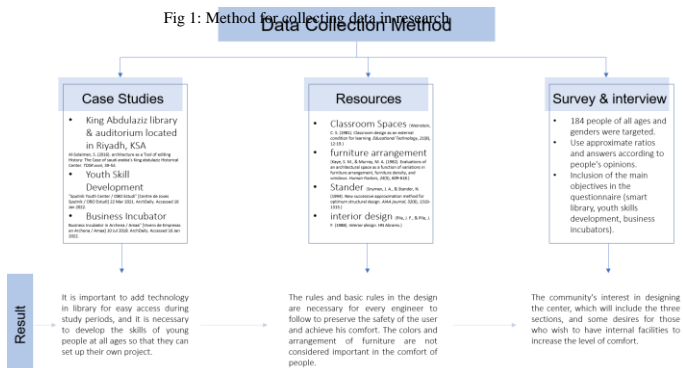
## Research Problem

Based on the research and the questionnaire that I conducted on different age groups in Bahrain, there were some problems about the place of study in the library , in terms of the interior design and the facilities available in the library, and the time specified for the library is not appropriate during exam periods, as people would like their library It includes facilities that attract them, such as cafes, restaurants, restrooms, spending 24 hours in a safe space With an attractive and comfortable interior design, in addition to natural lighting from the skylight , and easy access to books . Where some of the tweeters on social media expressed their need for developed offices, and it was in the context Sheikha Al-Rashid, 19 years old, tweeted in 2021 on Twitter: There should be a library that is available 24 hours. And Huda tweeted in 2021: Why not in Bahrain a huge, high-end library project? It is in the center of Bahrain. Its design is distinctive and comfortable to the eye. It has reading areas, study areas, prayer rooms, toilets, Wi-Fi, long working hours and 24 hours during exams, an annual subscription for students, and an indoor café. Also, most students visit youth development centers in the school stages, but after graduation there is not enough space to develop the Skill of young people in terms of their talents. As for heading to entrepreneurship, there are many young people in fear of leaving the official job and heading to the world of innovation and creativity under the supervision of business incubators to reach the global competition in innovations. This is due to the environment surrounding the young man, which can affect him, in addition to the fear of failure.

## Research Question

- Is there future center in Bahrain that focus on the needs of youth within any age group in 2018-2020?
- What are the limits of future center that include the talent and abilities of youth people in Bahrain in the year 2018-2020?
- What are the factors that make youth people leave public library in Bahrain from 2018 to 2020?
- What are the appropriate facilities from the Bahraini youth to reach the smart and futuristic world

## Methodology



Fig 1: Method for collecting data in research

In this paper, which talks about the establishment of a futuristic center for youth, there will be a qualitative and quantitative analysis. The qualitative approach aims to understand the phenomenon within its framework, and does not care about generalizing the results, while the quantitative measures the phenomenon, and analyzes its data to extract and generalize the results. So, the qualitative explains the phenomena in a structural way, while the quantitative depends on the interpretation of the phenomena using numerical and statistical methods.

**Research Limitations**

• Objectivity boundaries: The project deals with the role of youth centers in the Bahrain initiative as a country that urges interest in the future of youth under any environmental conditions and to reach the level of global competition in youth creativity and innovation.

• Spatial boundaries: Bahrain

• Time boundaries: 2022

**Literature Review**

Khaled Al-Harbi, aged 22, mentioned in Al-Watan magazine in 2017. The books in the public library are old and unattractive. The library for me is a quiet place to study. The bad thing is in the library when it closes early in the evening. As a student, I demand a library that is available 24 hours. Dr.Safaa Ibrahim Al-Alawi / Al-Watan Magazine: Caring for children's potential from a young age is a necessary matter that requires the development of societies and even nations, and through these children industries and cultures flourish due to their extraordinary talents. In 2006, UNESCO expressed the capacity-building of the individual towards certain jobs in a proper, appropriate and effective manner to maintain that personal capacity. The ability is a way to influence society in a positive way.

In 2009, the United Nations Development Program) UNDP (defined individual capacity development as "the process by which individuals, organizations and societies obtain, strengthen and maintain capacities to set and achieve their development goals over time."

"Strategically empowering youth people to awaken the built capacity and potential for the benefit of themselves and their community" (Matthew Morton and Paul Montgomery, 2010). It is a diverse procedure by which it is planned to achieve different things (Altman & Feighery, 2004; Freeman, 2005; Jennings & et al, 2006; Matthew Morton and Paul Montgomery, 2010; Solomon et al., 2006).

Business incubators are classified in different and diverse ways, and the first of them is etiquette, which symbolizes the incubator theory machine. "Mittal and others" were afraid of the availability of business incubators in all countries of the world, but there is no integrated theory symbolizing the applicability of this system, so they disclosed their desires that Nursery scientists conduct descriptive studies of incubators, due to the available empirical literature, to construct general theories of effective incubation that will add to, extend and challenge the general principles. Hackett and Dilts help in the literature on business incubators and are reviewed systematically, as Hackett and Dilts reached the conclusion that the focus should be on the incubation process rather than the incubator facility and composition. The aim is to raise the level of assistance behind the development of new projects that contribute to the development of society.

**Commenting on Scientific References**

Literary references deal with three important topics: the smart library, youth Skill development and business incubators. These topics are among the most important things that must be provided in the Kingdom of Bahrain, which motivate the progress and intellectual and creative development of the Bahraini youth, as these three axes seek a main goal, which is to establish an integrated futuristic center that contributes to the growth of the Bahraini youth in all fields and create Competitive opportunities in society at the Gulf and global levels.The current studies agree with the studies that were presented in the scientific review in terms of the general objective, which is the effect of the design of public offices on the student through the facilities that are provided, the importance of the library during study periods, and the services provided by the library to the student. As for the development of youth Skill, it was and still is important in the Kingdom of Bahrain, where UNESCO previously expressed the importance of developing children's abilities and talents, which through it positively affect the country itself. Especially by providing aid and facilitators to people with small projects, we can see in Bahrain business incubators for food carts and others, and our goal as a futuristic center can raise the level of assistance underlying the development of modern projects for progress and development in society.

**Study Results and discussion**

The role of libraries is important in society, and their role of services they provide and the relationships between the library and the user change significantly. Therefore, Little assumed in 2013 that the traditional services in the library could be modified. On this path, some answers were obtained through the questions I posed to different age groups to reach a solution that suits the modern generation intellectually and technologically to return to use the library and not to abandon them.

At first, some general questions were listed, such as determining sex, as mentioned in table (1) where the largest proportion of the answers was for females by 76.1%, while the response rate of males was 23.9%. And then determining the age group on three

categories as shown in table (1) and the answers of young people with an age period from 15 to 25 years are considered the highest. And finally, from the general question, which is to determine the educational level of the groups in the table (1) , if they are a high school graduate, university student or bachelor, master or PhD.

| | Total number of respondent | Total number of respondent as % |
|---|---|---|
| **Gender** | | |
| Male | 44 person | 23.9% |
| Female | 140 person | 76.1% |
| Total Both Gender | 184 person | 100% |
| **Age group** | | |
| 15-25 | 116 person | 63% |
| 26-36 | 33 person | 18.5% |
| Above 37 | 33 person | 18.5% |
| **Educational level** | | |
| School | 51 person | 27.7% |
| College student | 79 person | 42.9% |
| Bachelor | 51 person | 27.9% |
| Master | 2 person | 1.1% |
| PhD | 1 person | 0.5% |

Table 1: Summarize the answers related to the general questions

Regarding the specialized questions included in the future center, they were initially related to public library: How often do you visit the public library? What is the purpose of the visit? What attracts you in public library? And what are the facilities that you would like to have in public library? Based on this question, 184 answers of different ages were counted as qualitative and quantitative.
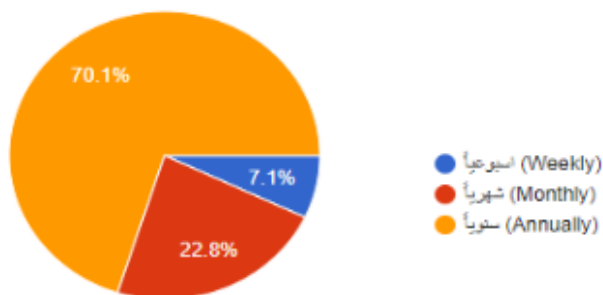


Fig 2: How often do you visit the public library?

We can notice that the percentage of visiting public library has begun to decrease in these years, which leads to their abandonment, as the percentage of visiting the public library annually, that is, people rarely go there by 70.1% as mentioned in Figure (2), and this symbolizes the lack of interest of the student or researcher to public library.
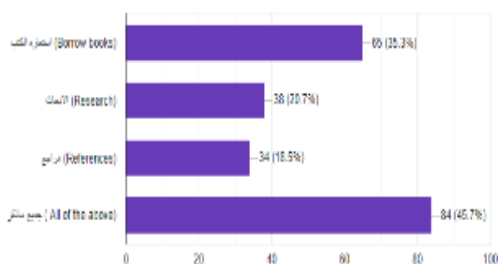


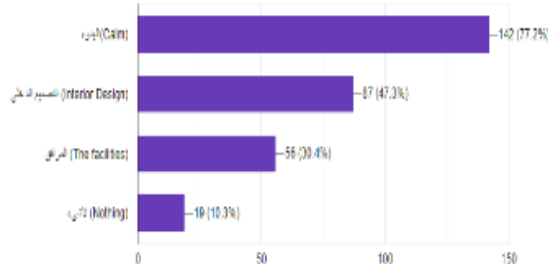Fig 3: What is the purpose of the study visit?



Fig 4: What attracts you to public library?

Despite the needs of the student or researcher to the library, whether for research purposes, references, or others, as mentioned in Figure (3), and as mentioned in Figure (4), most of the attraction to it is due to the general calm in the scribes, which allows the student or visitor to focus on work or reading However, the percentage of visits to them is low due to several important reasons, including the interior design and the facilities provided by the library... etc., as the current progress The one in which the society or the student passes in particular does prevent him from going to the library to study, but rather he prefers to sit in cafes or restaurants because of the facilities they provide to him , for example: coffee, food, a special section for studying in quiet spaces, open 24 hours. It is possible to see some of the views of people in different age groups regarding the facilities they would like public libraries to provide in the table (2)

| Facilities would you like to have in public library | | |
|---|---|---|
| Functional | • Reading space<br>• Research and studies department<br>• Children's books and reading section<br>• Cinema for documentary | • Private study spaces<br>• Private capsules<br>• Electronic library<br>• Meeting rooms |
| Service | • Restroom<br>• Mosque for prayer / prayer rooms | • Space for printing |
| Entertainment | • Garden<br>• Cafe / Restaurants<br>• Spaces for advanced learning<br>• Spaces to support youth for public offices | • Environment to suitable for attracting people<br>• Corner for photography with books<br>• Cinema |
| Other needs | • Attention to interior design<br>• Comfortable space | • 24 hour use of the library<br>• outdoor sessions |

Table 2: Summarize the answers related to the youth people's opinions about facilities

As for the second part of the futuristic center, it is related to a question that focuses on developing youth skill and the importance of this section on the youth and its impact on society. The questions revolved around: Did you know that there are youth Skill development centers in Bahrain? Through which we can see the percentage of people's knowledge of youth skill development centers in Bahrain. Have you visited a center to develop your abilities and talents? And at what stage did you visit the center? Through these questions, we can limit the percentage of people in the community who have a background in skill development.
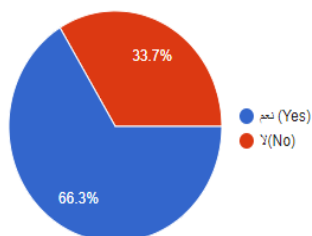


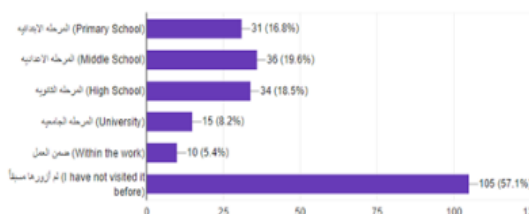Fig 5: Did you know that there are youth development centers in Bahrain



Fig 6: If the answer is yes, at what stage did you visit the center?

Within this context, figure (5) represents the percentage of people who have a background in the youth skill development centers that Bahrain provides to people of all ages, where we can see the people's knowledge of these types of centers with a rate of 66.3%, which is good. But it is inversely related to the percentage of visiting those centers, where the table (3) shows the percentage of people who visited the skill Development Center in order to develop their talents, a very small percentage, which is 34.2%, and we can notice that the school stages lack interest in developing student talents. Figure (6) shows that the middle stage is the stage where students visit the centers for developing youth skill, and it can be a result of the middle stage's interest in the growth of the student's fruit within any talent direction it seeks in the future.

| | Total number of respondent | Total number of respondent as % |
|---|---|---|
| **Do you visited a center to develop your abilities and talents** | | |
| Yes | 63 person | 34.2% |
| No | 121 person | 65.8% |
| Total | 184 person | 100% |
| **In your opinion, does Bahrain develop the skills of young people and incubate their work in the future** | | |
| Yes | 94 person | 51.1% |
| No | 11 person | 6% |
| I do not know | 35 person | 19% |
| Sometimes | 44 person | 23.9% |
| Total | 184 person | 100% |

Table 3: Summarize the answers related to development of youth skill in Bahrain

As for the last part in the futuristic center is business incubators, so there was a question linking the development of youth capabilities to business incubators because of the strength of the relationship be-tween talent and work or private project. On this basis, the following question was raised: In your opinion, does Bahrain develop the skills of young people and incubate their work in the future? Is the Bahraini youth facing difficulties in creating the project he desires? What are the problems faced by the young?
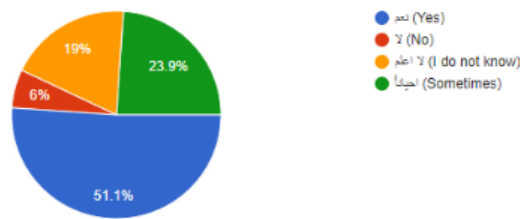


Fig 7: In your opinion, does Bahrain develop the skills of young people and incubate their work in the future

We can notice in figure (7) Bahrain's interest in linking the development of youth skill and the incubation of their future works, and this is good at this time, as the talented person has a great passion for challenge and fierce honest competition towards any work resulting from love, the work resulting from Love is the result of a great talent, so it is important to develop these talents and incubate their work, which creates global competitive opportunities in the future. But some young people sometimes face difficult problems with their projects, whether they are small or large, as shown in the table (4), and the problems faced by the young man can be financial problems, administrative problems, marketing problems and spatial problems.

| | Total number of respondent | Total number of respondent as % |
|---|---|---|
| **Does the Bahraini youth face difficulties in creating the project he desires** | | |
| Yes | 65 person | 35.3% |
| No | 8 person | 4.3% |
| Sometimes | 111 person | 60.3% |
| Total | 184 person | 100% |
| **The problem the young man is facing** | | |
| Financial problems | 81 person | 44% |
| Administrative problems | 34 person | 18.5% |
| Marketing problems | 41 person | 22.3% |
| Spatial problems | 45 person | 24.5% |
| All of them | 96 person | 52.2% |
| Total | 184 person | 100% |

Table 4: Summarize the answers related to Business incubator in Bahrain

Figure (8) shows that Bahrain does not contain futuristic centers that include three main objectives that the research contains, and if any, the rate was very weak 12.5%, and this explains that the people are not aware of these centers in Bahrain, and as a researcher, I have never seen a center that includes These three categories are in one space, meaning that the center includes the student from infancy until reaching the competitive level at the global level. as the center is an integrated chain linked to each other, it can be clear that as the smart library is needed by every student and researcher in the community, and during any stage of the student there is a talent within him, so it is necessary to develop and develop this talent, but in future it is possible to the futuristic center incubates talented projects and provides them with assistance and facilities.
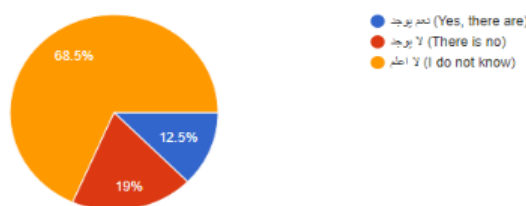


Fig 8: Is there an integrated center in Bahrain that includes a smart library, youth capacity development, and a business incubator

also shows the percentage of 51.1% of the people who have an idea to put forward their own project, but we may prevent them from listing the factors that cause problems during its application, as we mentioned earlier for the sake of financial or marketing problems...etc. In table (5) the people's interest in establishing a future center that includes the three goals, which are a smart library, developing the capabilities of youth and business incubators. This is due to the youth's interest in a sense of creativity and intellectual and technological expansion, and even creativity in the arena to the growth of the person's fruit from childhood until reaching the required level in society, the economy and even creativity.

| | Total number of respondent | Total number of respondent as % |
|---|---|---|
| Is it important to link library services and youth development centers with business incubators | | |
| Yes | 148 person | 80.4% |
| No | 36 person | 19.6% |
| Total | 184 person | 100% |

Table 5: Citizens' demand for the establishment of the futuristic center in Bahrain

## Conclusion

To achieve the essential role of designing the futuristic center in a way that is compatible with the vision of 2030, this requires new characteristics and distinctive facilities in which each of the departments of this center is characterized, and accordingly, this study aims to (striving to create a distinguished generation that is subject to global competitions in creativity and innovation), and we reached the following results:

Smart library: The smart library provides all the facilitation to the student or visitor in terms of borrowing books, reading, or even inquiring about them. It can be accessed anywhere, through the library's website, in addition to providing a library that develops the child's mind and creativity towards reading. And creating for the visitor or student an environment appropriate to the current time, for example Skylight cafes and the use of the library 24 hours with a high security staff so that the student can sit in it for a longer time during exam periods. In addition to public facilities such as prayer rooms and bathrooms, a library for stationery and printing on a 24-hour system.

Youth skill development: We can expand the youth development department to a higher level by providing all the facilities in which the Bahraini youth can be creative, such as the theater for acting, the Arts and Creativity Hall under the supervision of the biggest artists, halls for workshops and work, talent exhibitions, a studio for people with talent for singing. Rooms for technological creativity, fashion, design and decoration rooms.

Business incubators: Business incubators through which facilities are provided that prepare talented or young businessmen on the market in the future, where we provide offices for rent, consulting offices, commercial registry, law office, bank, part based on advertising and the most important of which is the provision of an administrative office.

## Recommendations:

- Use the criteria to Design the interior spaces for a Futuristic Center that fit with Bahrain vision 2030.
- In the design of the future center, the sustainable design percentage will be 70% in terms of the use of recycled materials used in the design that reduce environmental emissions, the use of natural light in the daytime in a large amount by the skylight in the spaces, in addition to solar energy in the center.
- Paying attention to the design of the interior facilities in terms of facilities or design style that help the student or any visitor spend more time in the center.
- Integrating technology into the facilities used, such as offices and others, to facilitate access to the goal, and technological progress is an important element in the modern generation and is safe with Covid-19
- Paying attention to the tendencies of highly skilled students and their development through facilities that contribute to their efforts to submit to the competitive level in the Arab Gulf and even the world.
- Work on the establishment of a dedicated yard for electric cars, where they can be used inside the building and transported with a security driver, in order to maintain the safety of visitors.
- The use of electronic sensors in most areas, for example: there are vacancies in classrooms, vacancies in rented offices...etc. Sensors are also provided in the bathrooms and lighting.
- Adopting small business owners, talents and small projects, providing them with services that contribute to their success through courses with senior businessmen, and providing their own office space in the center to enhance the element of communication with the commercial market.
- Striving in most of the center's facilities on a 24-hour basis, such as the smart library, cafes or restaurants, the mosque and bathrooms, to increase the student's chances of reviewing and studying during the exam period without hindrances, and providing a security staff. for the center.

- The necessity of activating the cooperation system between the 3 centers in the futuristic center, by linking the smart library facilities with developing the skills of youth and business incubators.
- Providing facilities in which the female category is more interested, based on their interest in the departments that will be available in the futuristic center.
- Providing all facilities that contribute to the establishment of their own project in terms of intellectual property, spaces for the formation of the project, financial and administrative facilities, and providing a staff for marketing and advertising.
- Attracting young people aged 15-25 in most facilities because of their interest in creativity and innovation in several areas, which contributes to enhancing their spirit of competition.
- Providing a smart library open 24 hours, which provides students with a safe place to study at different times during exam periods and easy access to books and academic articles remotely (online).
- Raising the level of safety for visitors in the futuristic center through the security staff, internal and external monitoring devices 24 hours a day.
- Linking the development of youth skills in the futuristic center with the academic stages, which increases opportunities to explore their talents and raise the creative level of students.
- Attracting females in the three sections (smart library, youth skills development, business incubators) located in the futuristic center, which consider Bahraini women an important and effective component of society, which contributes to achieving its goals and ambitions.

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