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Master Plan

- 1) HUC Engineering College Buildings
- 2) HUC Medical College Buildings
- 3) HUC Dental Medicine College Buildings
- 4) HUC Business Administration College Buildings
- 5) HUC Administration Building
- 6) HUC Library Building
- 7) HUC Laboratory Building
- 8) HUC Male Student Hotel
- 9) HUC Female Student Hotel
- 10) HUC Teaching Staff Dormitory Building
- 11) HUC Club House
- 12) HUC Sports Building
- 13) HUC Dentistry Educational Hospital
- 14) HUC Medicine Educational Hospital
- 15) HUC Food Court
- 16) HUC Outdoor Theatre
- 17) HUC Indoor Theatre
- 18) HUC Research Center





Master Plan





Engineering & Design College

Components of the project:

Engineering College:

It contains the following departments that serve undergraduate and postgraduate students:

- 1) Bioengineering
- 2) Computer Science
- 3) Electrical Engineering
- 4) Environmental Science & Engineering
- 5) Materials Science & Mechanical Engineering

Design College:

It contains the following departments that serve undergraduate and postgraduate students:

- 1) Architecture
- 2) Urban Planning and Design
- 3) Interior Design

Foot print area = 7,180 M²

Gross area = 43,088 M²



- (A) Engineering college
(B) Design College
(C) Laboratories and Workshops



Engineering & Design College





Engineering & Design College





Medical College

Components of the project:

Medical College:

It contains the following programs that serve undergraduate and postgraduate students:

- 1) Medical (MD)
- 2) Master's Degree Programs
- 3) PhD Degree Programs



- (A) Academic Teaching Facilities
- (B) Clinical Teaching Facilities
- (C) Educational Hospital

Foot print area = 3,224 M²

Gross area = 19,344 M²



Medical College





Medical College





Dental Medicine College

Components of the project

Dental Medicine College:

It contains the following programs and departments:-

1. Academic Departments
 - 1.1. Developmental Biology
 - 1.2. Oral and Maxillofacial Surgery
 - 1.3. Oral Medicine, Infection, and Immunity
 - 1.4. Restorative Dentistry and Biomaterials Sciences
2. DMD Program
3. Advanced Graduate Education Programs
4. PhD in Biological Sciences in Dental Medicine

Foot print area = 3,224 M²

Gross area = 19,344 M²



- (A) Academic Teaching Facilities
- (B) Clinical Teaching Facilities
- (C) Educational Hospital



Dental Medicine College





Dental Medicine College





Business Administration College

Components of the project:

Business Administration College:

It contains the following programs and departments: -

- 1) MBA
- 2) Executive Education
- 3) Doctoral Programs



Foot print area = 6,850 M²

Gross area = 41,120 M²

(A) Academic Teaching Facilities



Business Administration College





Business Administration College



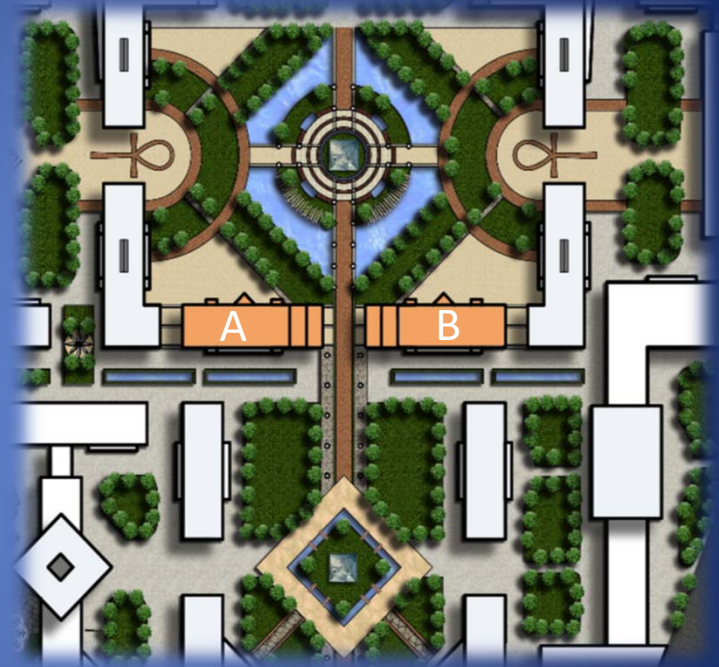


Main Administration Building

Components of the project:

Administrative services

- 1) Main administration building
- 2) Student affairs, registration, graduate and postgraduate services
- 3) Department of International Cooperation and Foreign Student Affairs
- 4) Governmental administrative services



- (A) Main Administration Building
(B) Students Services

Foot print area = 2,224 M²

Gross area = 13,344 M²



Main Administration Building





Main Administration Building





Main Administration Building





Main Administration Building





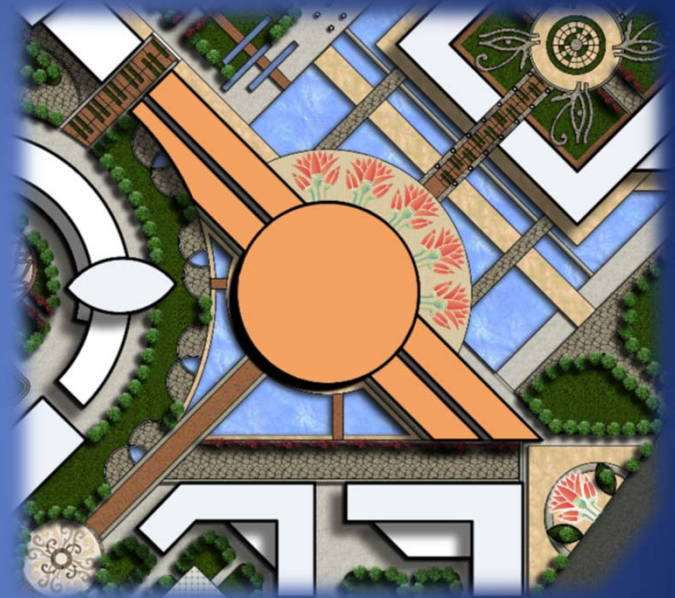
Library

Components of the project:

Central Library:

The architectural form of the Central Library is considered as the icon of HUC, it takes the form of the raised sun at the middle of Horus wings as a symbol of civilization and protection.

It contains several reading halls, research cabinets, books storage, digital library and museum

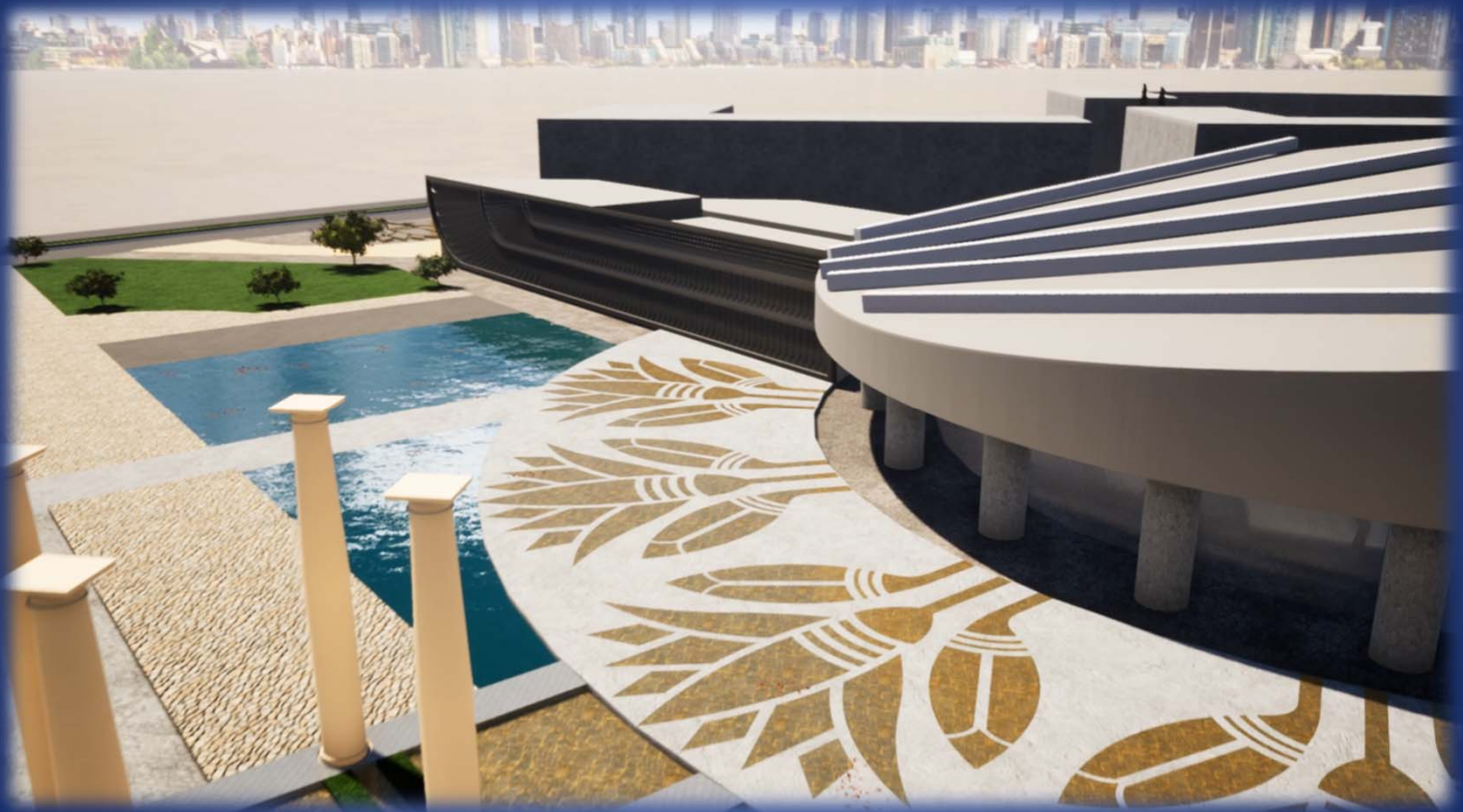


Foot print area = 10,730 M²

Gross area = 59,150 M²

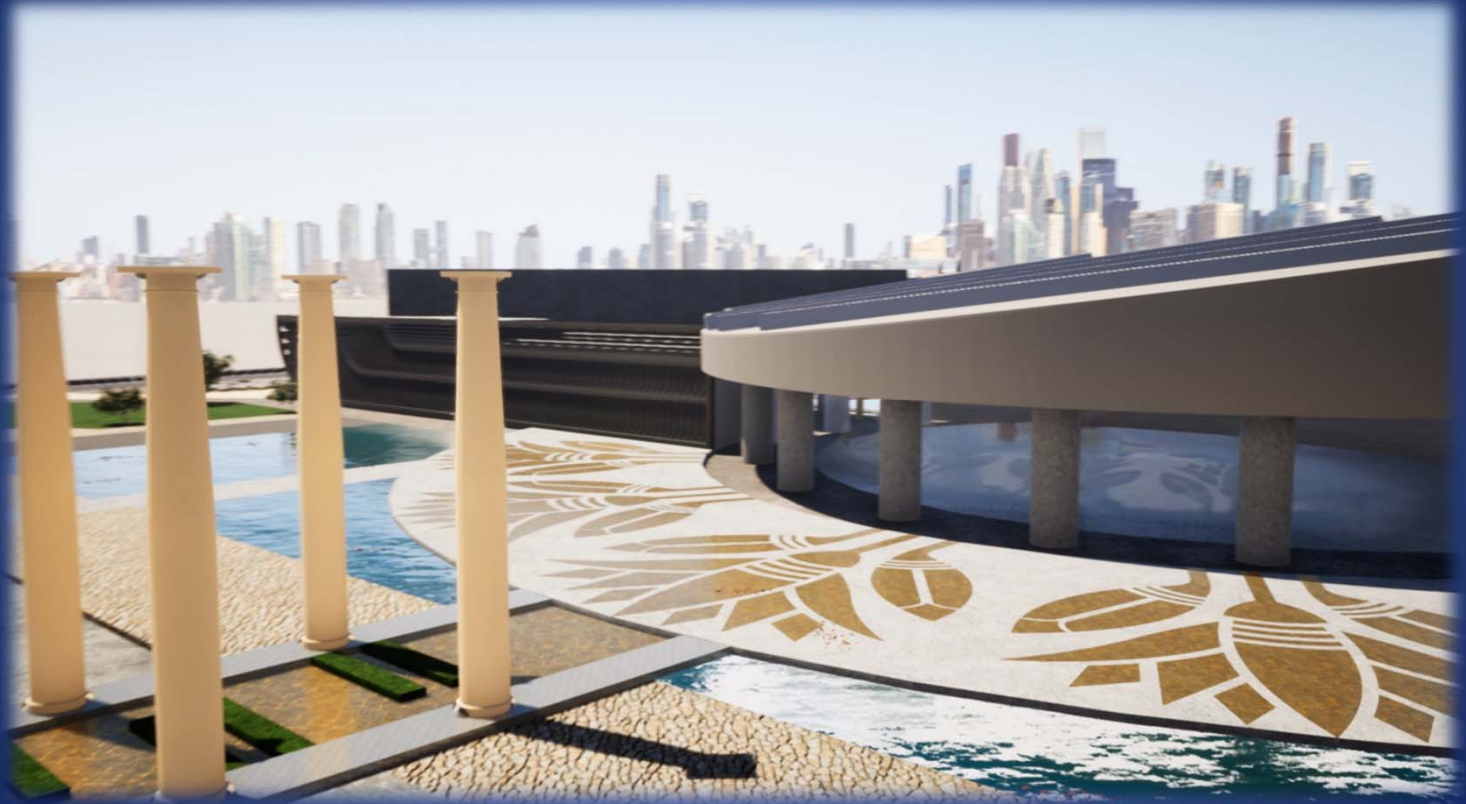


Library





Library





Library





Laboratories and Research Center

Components of the project:



Laboratories and Research Center:

The Research Center serves the medical and technology research. It contains oncology, histopathology and medical research to help the community all over the world.

The other building contains technology labs which serve the post graduate researches in engineering fields.

We used Horus eye at landscape as a symbol of health and life protection



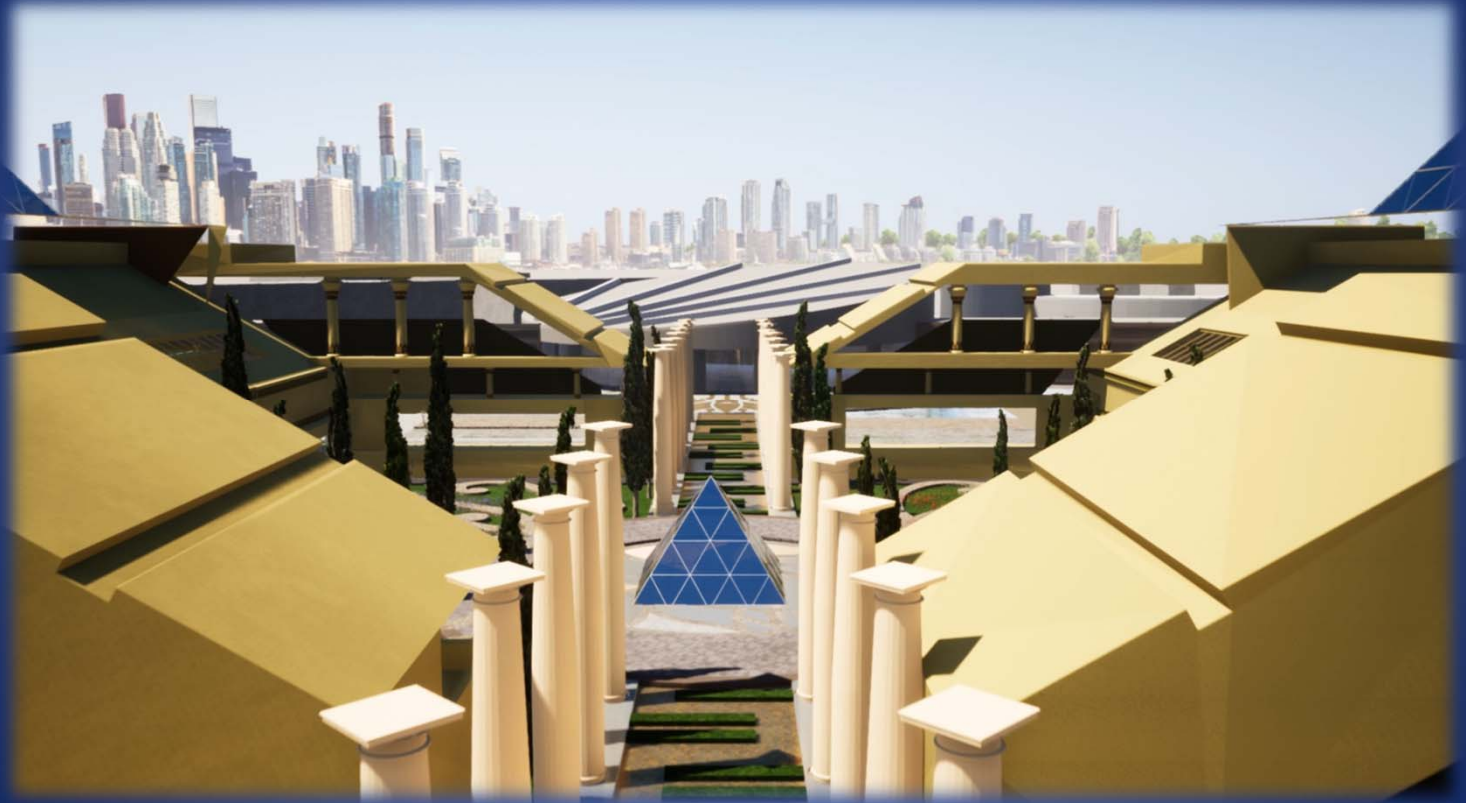
- (A) Research Center
- (B) Laboratories

Foot print area = 6,440 M²

Gross area = 38,640 M²



Laboratories and Research Center





Laboratories and Research Center

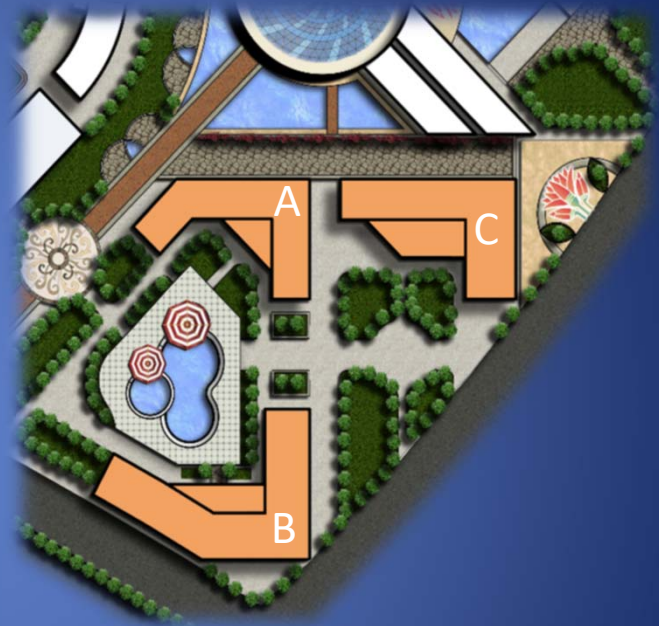




Hotels Buildings

Components of the project:

- 1) 5-star hotel containing 300 male student rooms
- 2) 5-star hotel containing 540 female students rooms
- 3) 3. Suite apartments for HUC members with capacity of 230 suites
- 4) All necessary hotels services such as restaurants, shopping mall, swimming pools, etc.



(A) Male Hotel

Foot print area = 2,000 M²

Gross area = 16,000 M²

(B) Female Hotel

Foot print area = 3,480 M²

Gross area = 27,840 M²

(C) Staff Hotel

Foot print area = 2,270 M²

Gross area = 18,160 M²

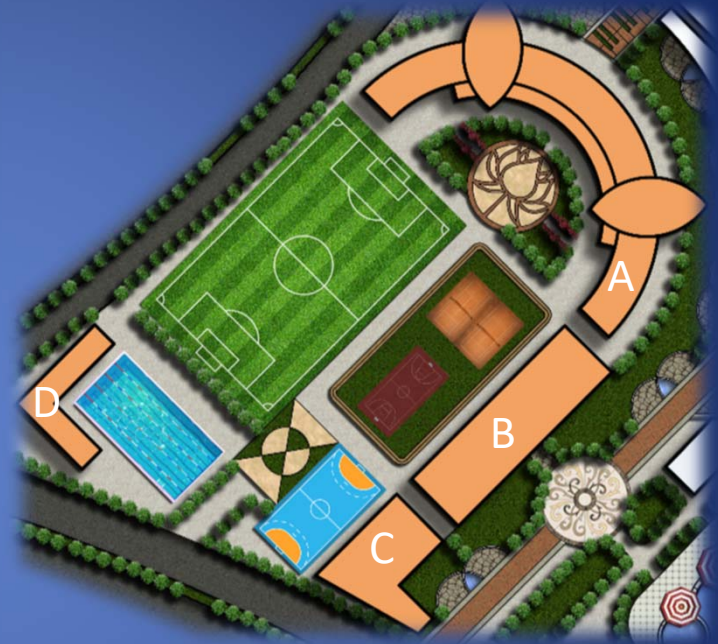


Sports Club Buildings

Components of the project:

Entertainment and sports services

- 1) Sports fields and swimming pools
- 2) Social Club House
- 3) Health Club and Spa
- 4) Indoor Sports and Gym



- (A) Club House
- (B) GYM
- (C) Health Club
- (D) Lockers

Foot print area = 8,726 M²

Gross area = 52,360 M²



Dentistry Hospital

Components of the project:

Dentistry Educational Hospital, It contains the following departments: Out-Patient clinics, Emergency, Labs, O.R., ICU, In-Patient rooms



Foot print area = 6180 M²

Gross area = 37,080 M²



Medical Educational Hospital

Components of the project:

Medical Educational hospital (400 beds) It contains the following departments: Out-Patient clinics, Emergency, Radiology, Labs, 12 O.R., Laparoscopy, Endoscopy, ICU, CCU, In-Patient rooms



Foot print area = 9,304 M²

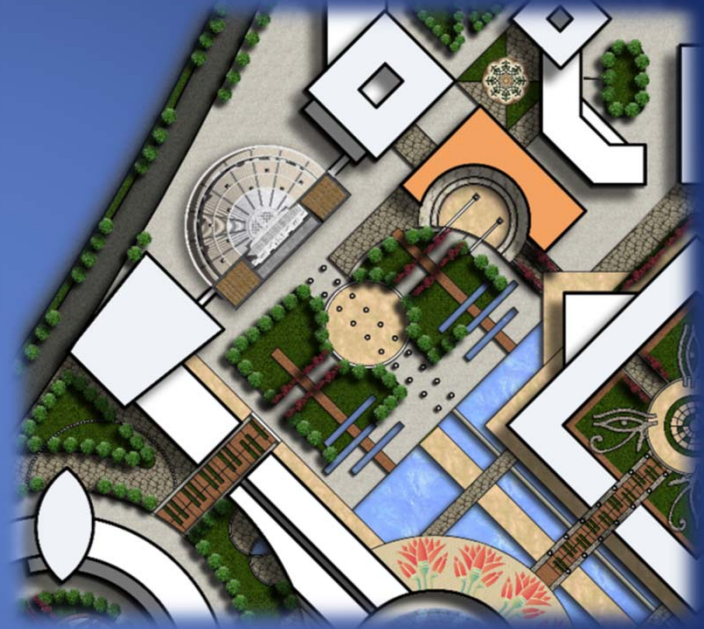
Gross area = 55,824 M²



Food Court

Components of the project:

Food Court service area



Foot print area = 1,537 M²

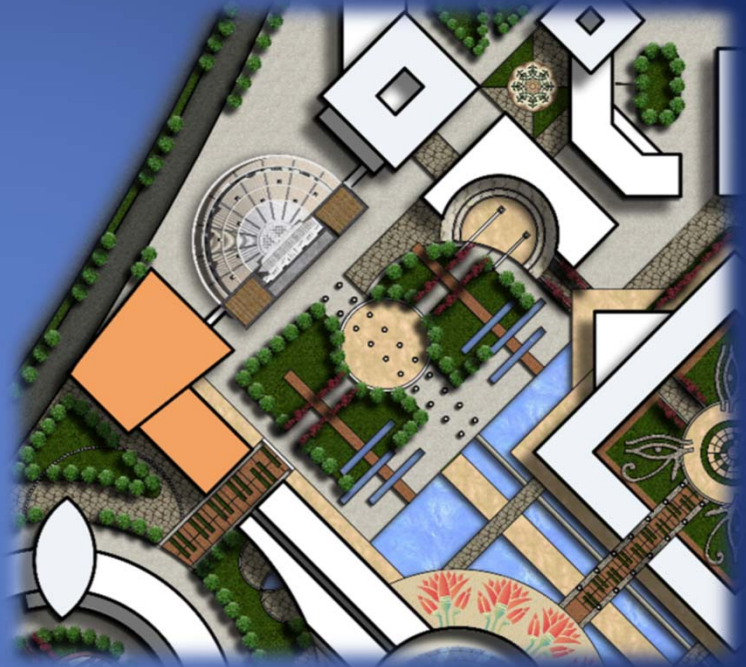
Gross area = 3,074 M²



Theatres

Components of the project:

- 1) Indoor Theatre
- 2) Outdoor Theatre



Foot print area = 3,312 M²

Gross area = 19,872 M²



Services

The university campus serves all the necessary additional services such as parking area at the basement of the whole area, places of worship, services for maintenance, firefighting, and ambulance services, and all the elements of landscaping, afforestation and water bodies necessary to give intimate and human nature of the project.

In the end, we aim to create a new integrated society that not only aims to provide scientific service at the highest level but also creates an appropriate environment for creativity so that each of the graduates of this university becomes an ambassador for progress and renaissance in his original society.





Main Concept (Night View)





Areas of Buildings

Ser	Buildings Names	Area in M ²
01	HUC Engineering & Design College	43,088
02	HUC Medical College	19,344
03	HUC Dental Medicine College	19,344
04	HUC Business Administration College	41,120
05	HUC Administration Building	13,344
06	HUC Library Building	59,150
07	HUC Laboratories & Research Center Building	38,640
08	Student Male Hotel @300 Rooms	16,000
09	Student Female Hotel @540 Rooms	27,840
10	HUC Teaching Staff Hotel @230 Suites	18,160
11	Entertainment & Sports Services Buildings	52,360
12	HUC Dentistry Educational Hospital	37,080
13	HUC Medical Educational Hospital	55,824
14	Food Court Service Area	3,074
15	Indoor Theatre Building	19,872
16	Outdoor Theater Building	22,500
17	HUC University Museum	7,000
	Phase# 1 Total Area	493,740

HUC University in Cairo

Thank You...

