



SAYED **KASHIF** J A DAFEDAR

TEXAS A&M UNIVERSITY

M.ARCH 2009



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INTRODUCTION

I am a Graduate student at the Texas A&M University, graduating in fall 2009. I would like to work as an integral member of a project team. I would also like to learn the innovative

ways of green architecture in practice. My computer knowledge allows me to translate conceptual information into easily understandable visualizations and graphics.

Education Background

2007 -2009

Master of Architecture

Texas A&M University

College Station

2001 -2006

Bachelor of Architecture

University of Mumbai

Mumbai

Professional Experience*

June 2008 –August 2008

RTKL Associates Inc. Dallas

Intern

June 2006 – March 2007

Rizvi College of Architecture, Mumbai

Visiting Lecturer

Jan 2009 – May 2009

College of Architecture, Texas A&M

University

Research Assistant

Nov 2005 – March 2007

Elm Designs, Mumbai

Junior Architect

Aug 2007 – Dec 2008

Center for Housing & Urban

Development, Texas A&M University

Graduate Assistant

Proficient in the use of

3DStudio Max, Revit Architecture, AutoCAD, Coral Draw, Coral Photo Paint, Adobe Photoshop, Sketch UP, Coral Rave, Archi CAD, Adobe Premiere, Macromedia Flash, Macromedia Director, HTML, CSS, and general knowledge in operating many other graphic software.

** please refer the resume for further details.*



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FALL 2008

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- ARCH 607** - ARCHITECTURAL DESIGN
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YEAR 1

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- ARCH 606** - ARCHITECTURE DESIGN
 - 2.B DANCE ACADEMY
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FALL 2007

- ARCH 605** - ARCHITECTURE DESIGN
 - 1.B SCHOOL FOR YEAR 2020
 - 1.A THINKERING SPACE



BIM & INTEGRATED PRACTICE

Dr. MARK CLAYTON

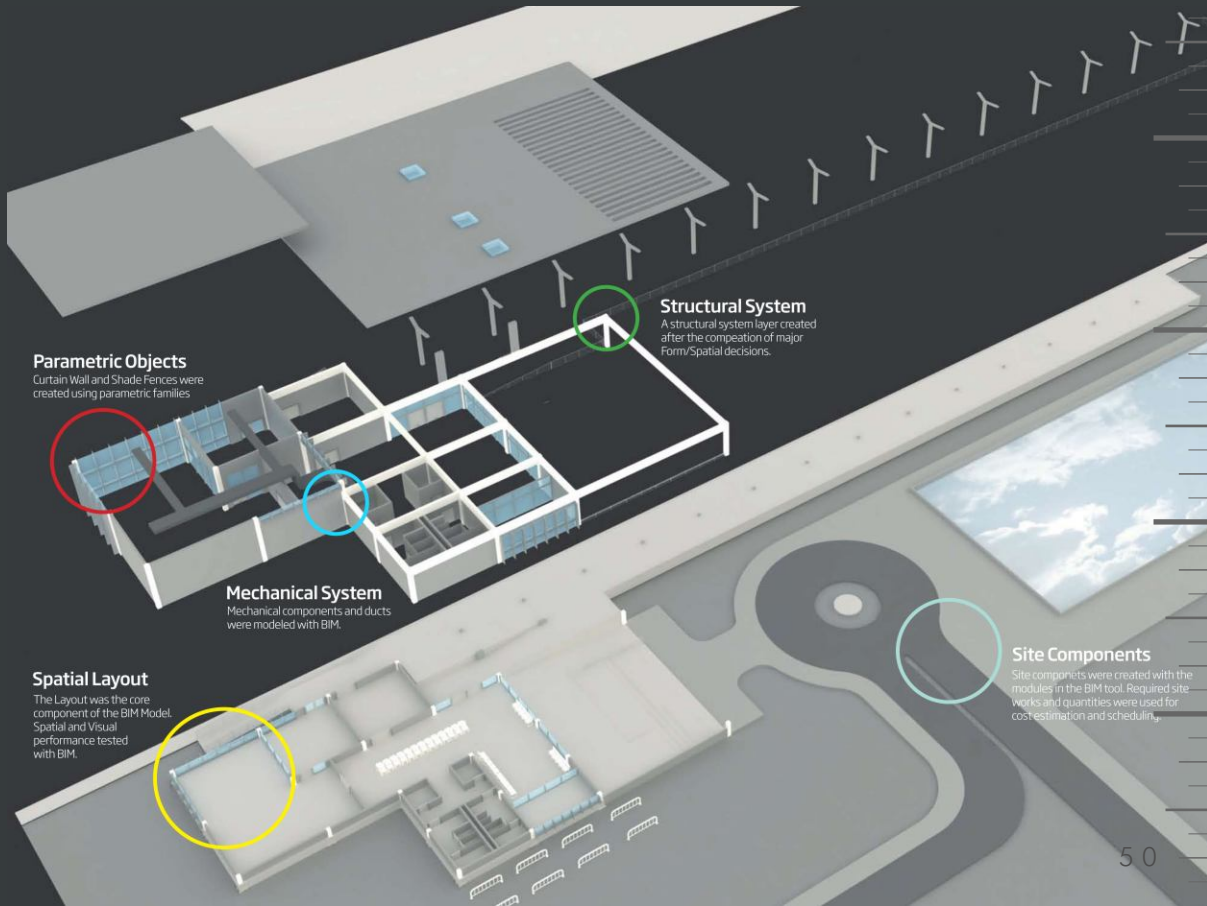


The design brief was to create an Amtrak railway station for college station. The project was an integration of various architecture consultations at the very beginning of the project. As architecture students we were the architects in the IP (Integrated Practices) team. The final form has 3 components that are interconnected,

the main building has two linear forms that addresses the desired spatial layout as well as creating a visual and functional variation. Canopy components and details in the main building provided a good case for implementing parametric models and components. The building is located at the extension of the monumental site of

the campus in order to provide accessibility to main campus and other facilities. Orientation of the main interior spaces gives visual connection to the historic site. The

design inherited the features of existing buildings in the historical site of the campus also followed the TAMU campus planning and master plan guidelines.



Parametric Objects

Curtain Wall and Shade Fences were created using parametric families

Structural System

A structural system layer created after the completion of major Form/Spatial decisions.

Mechanical System

Mechanical components and ducts were modeled with BIM.

Spatial Layout

The Layout was the core component of the BIM Model. Spatial and Visual performance tested with BIM.

Site Components

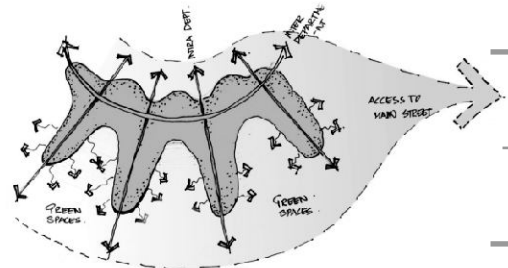
Site components were created with the modules in the BIM tool. Required site Works and quantities were used for cost estimation and scheduling.

MULTI SPECIALITY CLINIC

Prof. KIRK HAMILTON



In this studio we worked with Prof. Hamilton to design a multi speciality healing complex. The design is comprised of a clinic, a healing center and other supporting facilities. The design was based on 'Evidence Based Designing'. According to the principles of EBD we first find research in the specific field and based on the reviews of the specific evidence we incorporate it in our design. One of my specific evidence was the USGBC certification. In the design I specifically wanted to incorporate passive and active means of energy efficiency.

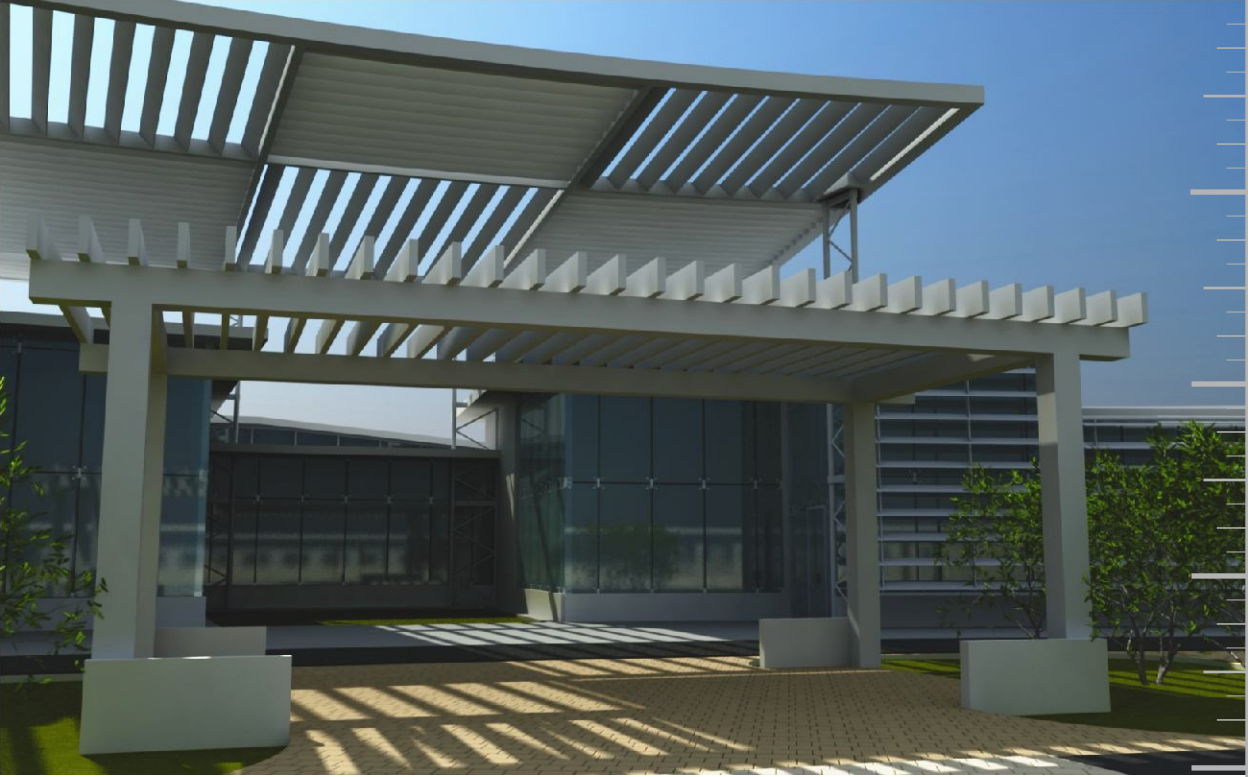


DESIGN CONCEPT



MASTER PLAN

CONCEPTUAL PLANNING





ARCH 607 - ARCHITECTURE DESIGN

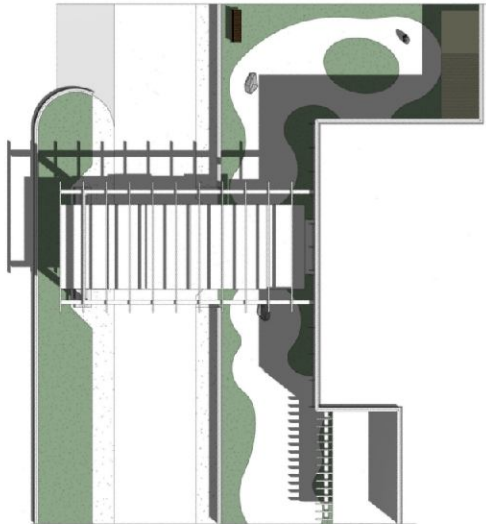
RECEPTION OF A CLINIC

Prof. KIRK HAMILTON

The clinic reception was a week long design project. The project was designed to test the qualities of the individual designer. As students we had

to use the best of our skills to complete the project. The reception included waiting areas, a reception counter and some spill-out spaces for the patients.





SITE PLAN

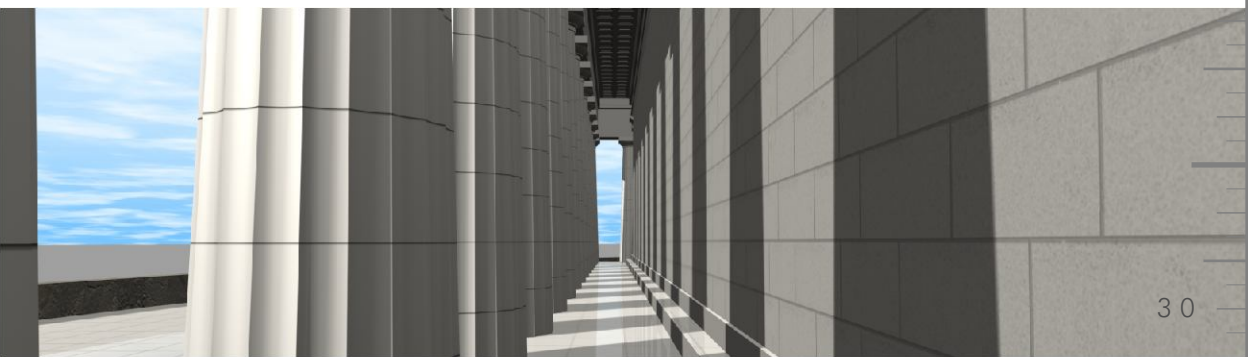
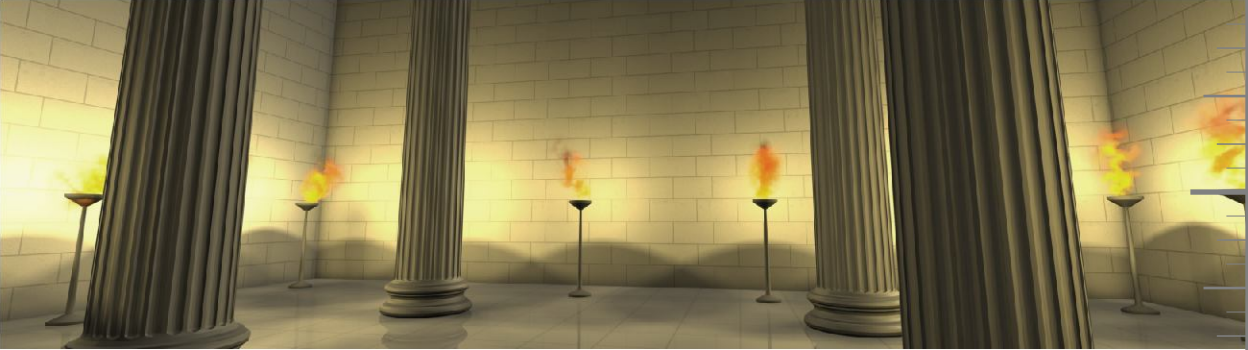


STUDY OF THE PARTHENON

Dr. NANCY KLEIN

For my architectural history final project I had digitally recreated the Parthenon. For the submission I had provided the instructor with an animated walkthrough of the building, a series of 360 degree virtual panoramic environments and a presentation in stereo-images. The submission was intended to act as a teaching aid for understanding the architecture of Parthenon.





ARCH 606 - ARCHITECTURE DESIGN

DANCE ACADEMY

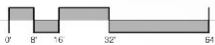
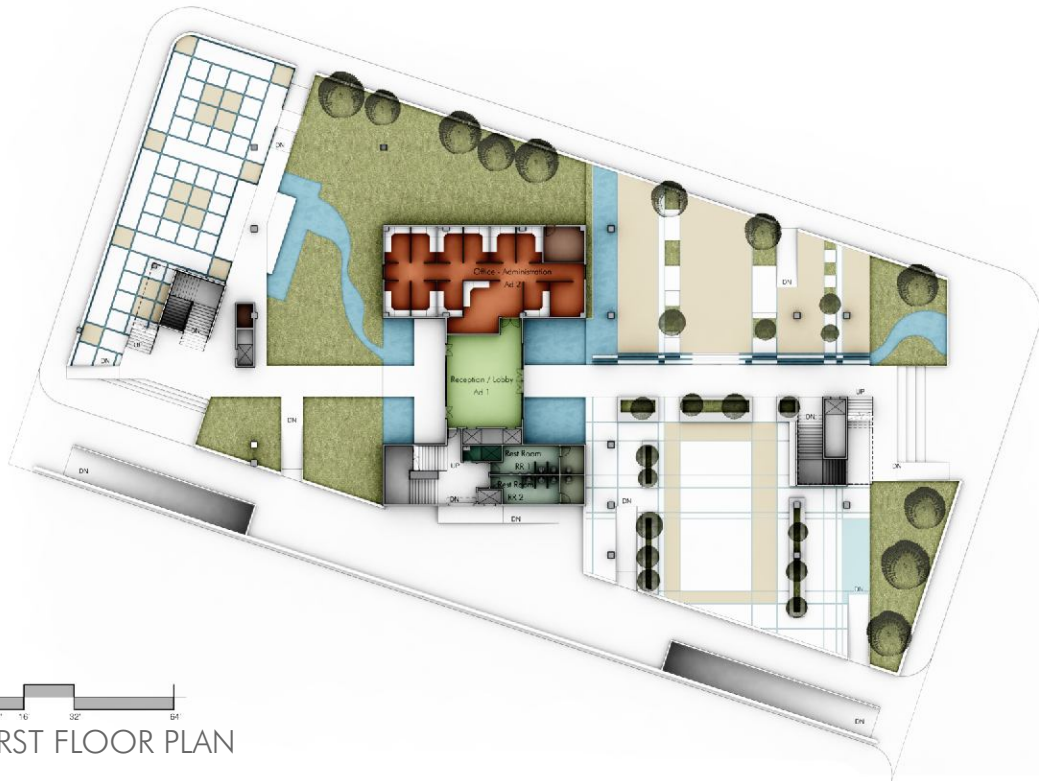
Dr. MARDELLE SHEPLEY



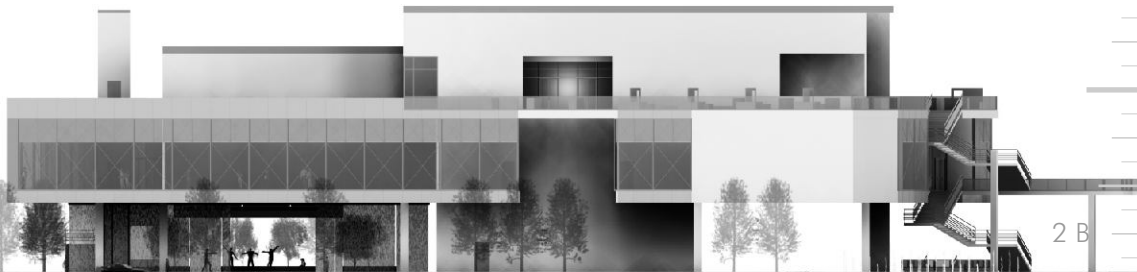
The Dance Academy is located in downtown Austin. The academy has 3 dance studios a couple of dance classrooms and ancillary functions associated to dancing. My specific approach to the design was to give an urban space to the city, in order to do so i lifted the building by one level. The ground level is used in creating place

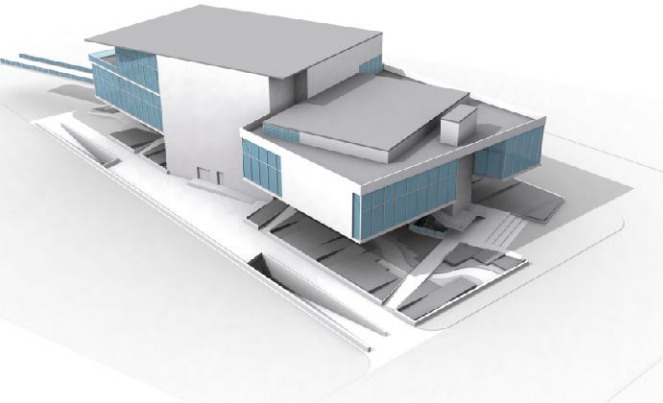
making elements to add on to the urban life in the musical and art district of Texas.



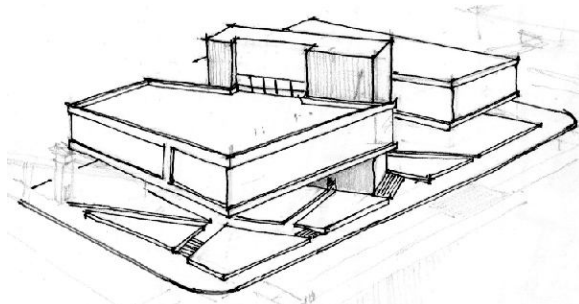


FIRST FLOOR PLAN





DESIGN DEVELOPMENT MODEL



CONCEPTUAL SKETCH





ARCH 606 - ARCHITECTURE DESIGN

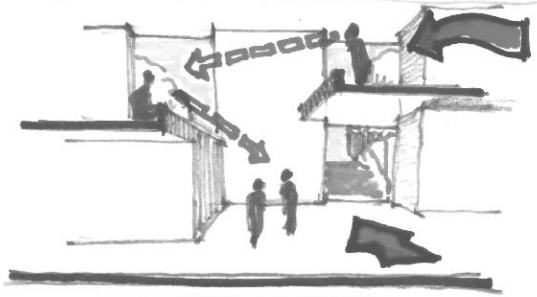
PARSON'S HOUSE

Dr. MARDELLE SHEPLEY

The Parson's House is a old age home, it is located near Houston. The current building needed an expansion to their facility, other than adding more rooms the client also wanted to add a separate Alzheimer's block. The project was a group work, in total the studio produced about 10 projects. These projects were than submitted to the clients, and the projects acted as conceptual designs for the architect designing the final building.



During this semester we worked to understand the importance of new means of learning. According to -Vision 2020, every student that enters school today (Fall 2007) will graduate in the year 2020. We asked our selves if we are preparing these children to face the future. The design of this school was in response to this concept. The class rooms and other spaces were designed to a level of flexibility so as to incorporate changes in the teaching and learning structure of the school.



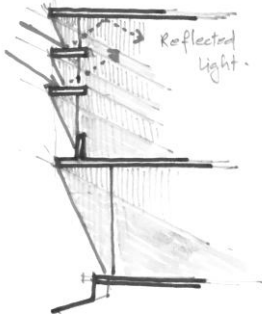
INTER-CONNECTIVE & FLEXIBLE SPACES



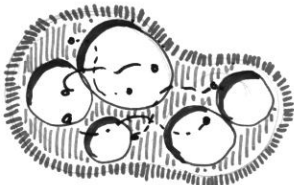
ARCH 605 - ARCHITECTURE DESIGN

SCHOOL FOR YEAR 2020

Dr. ROBERT JOHNSON



SUMMER & WINTER SUN



SECURE FREEDOM





EXPLODED ISOMETRIC

ROOF PLAN

BLOCK 1 - SECOND LEVEL

BLOCK 1 - FIRST LEVEL

BLOCK 2 - SECOND LEVEL

BLOCK 2 - FIRST LEVEL

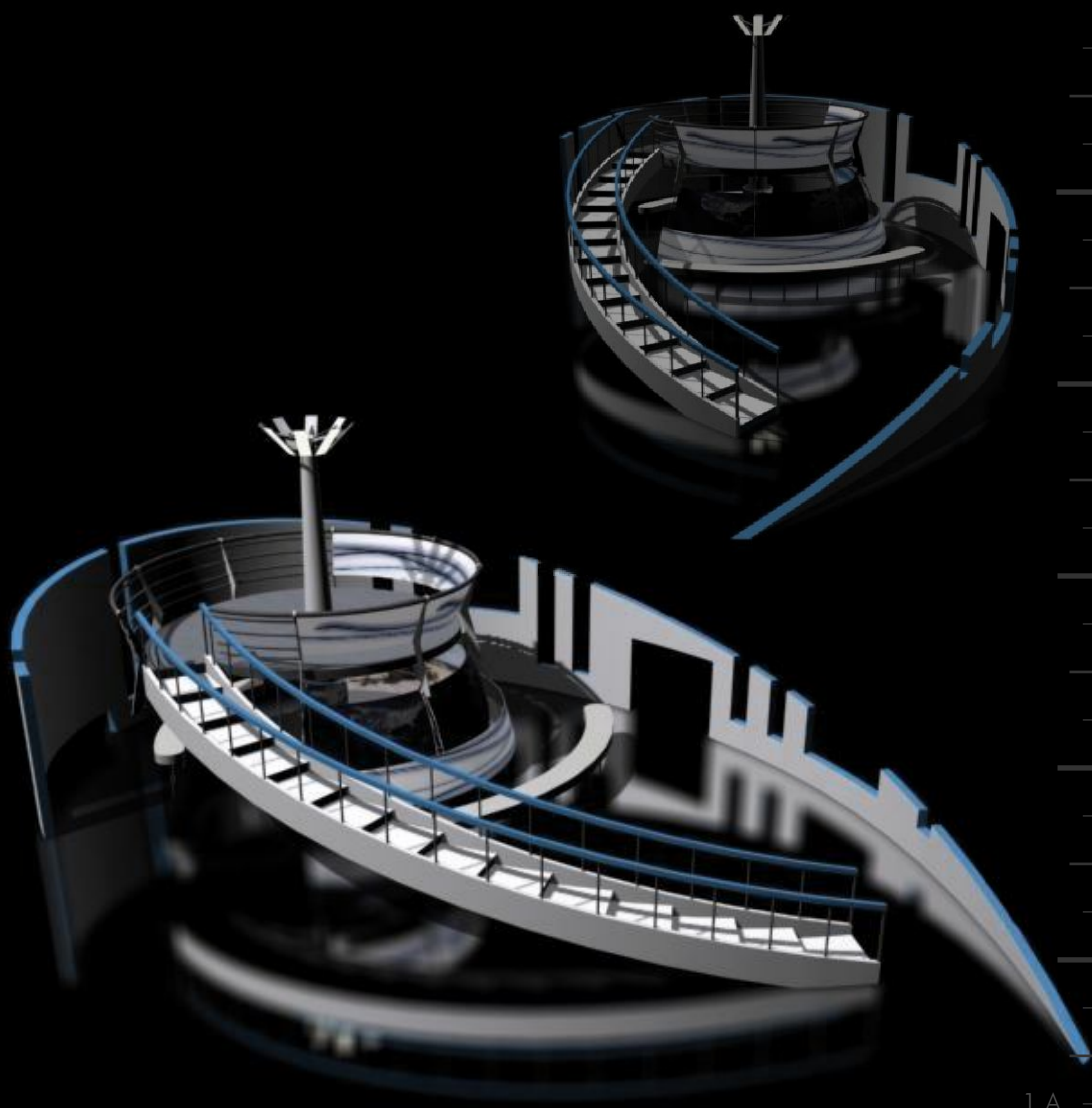
THINKERING SPACE

Dr. ROBERT JOHNSON

The project was a 4 week long project. The goal of the project was to design a thinking space for children who tend to graduate in the year 2020. Thinkering is an invented term that is associated to adaptive learning, in other words it means learning new ways to learn.

The project is an interactive platform which incorporates ideas of play and learn, the oldest and the most effective way of learning. The design allows games that teach children group play, creative thinking and it provides an interactive online network (to other kiosks) that is intended to connect the kids to other children all across the world.







THANK YOU



SAYED **KASHIF** J A DAFEDAR

kashif_syd@yahoo.com

<http://kasadesigns.tripod.com>

979.676.2274

