

# VIRTUAL REALITY

Redesign Technology Students' Gymkhana,  
IIT Kharagpur For Better Utilisation

GROUP 10





# INTRODUCTION

**Technology Students' Gymkhana is the hub of the numerous extra-curricular and co-curricular activities in IIT Kharagpur ranging from sports to socio-cultural and welfare activities.**

**So the main purpose of redesigning is to increase the overall utility value**



# GYMKHANA MODEL

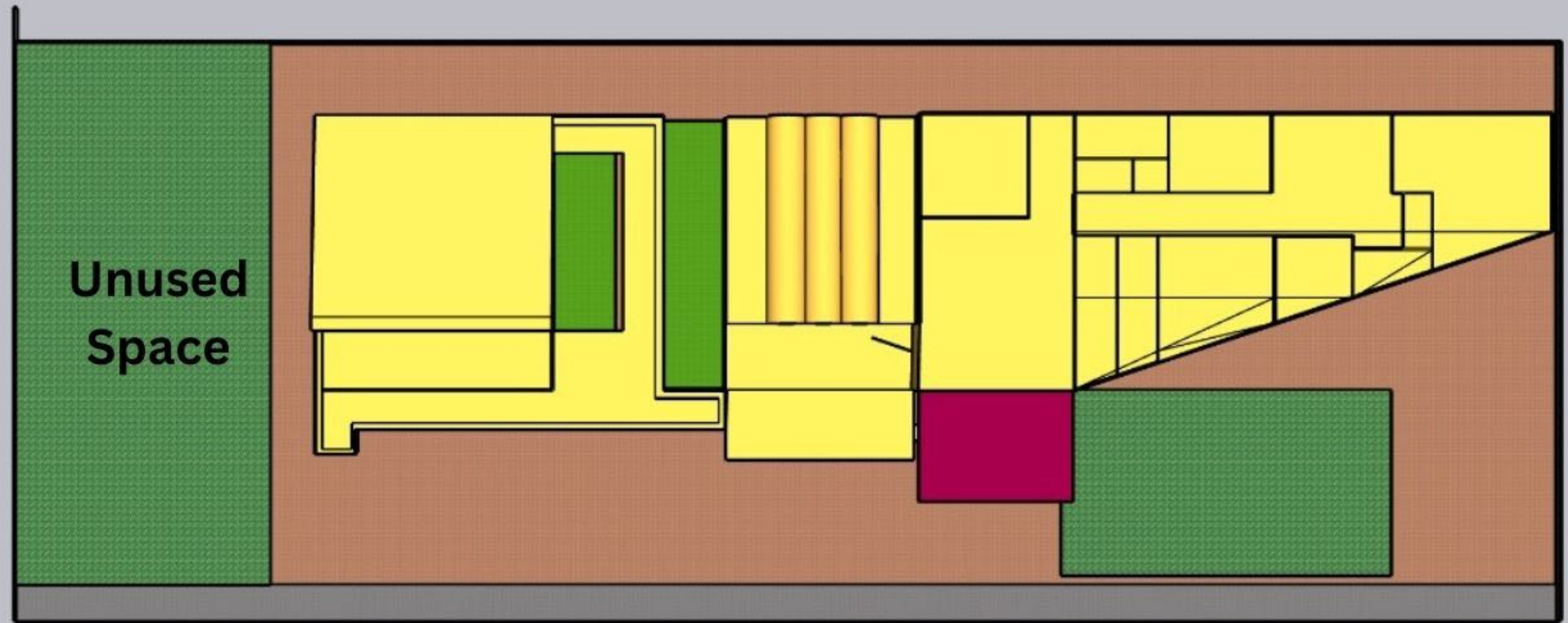
*Original*





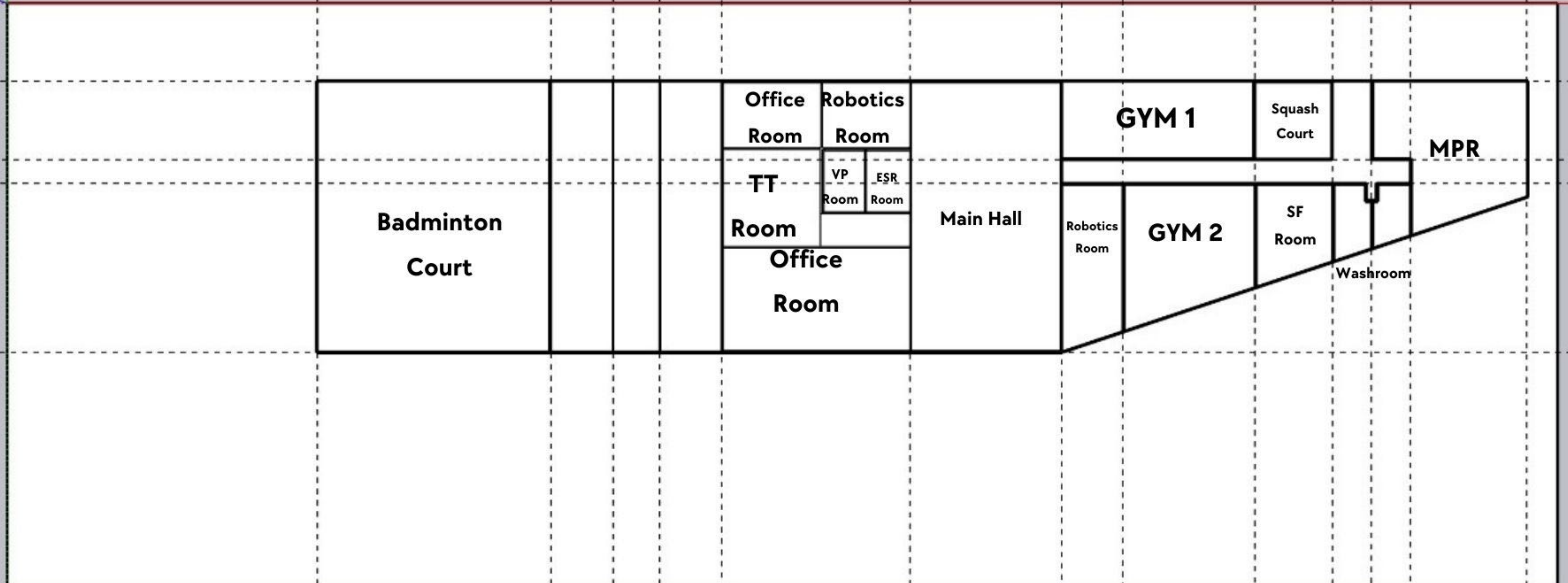
# GYMKHANA MODEL

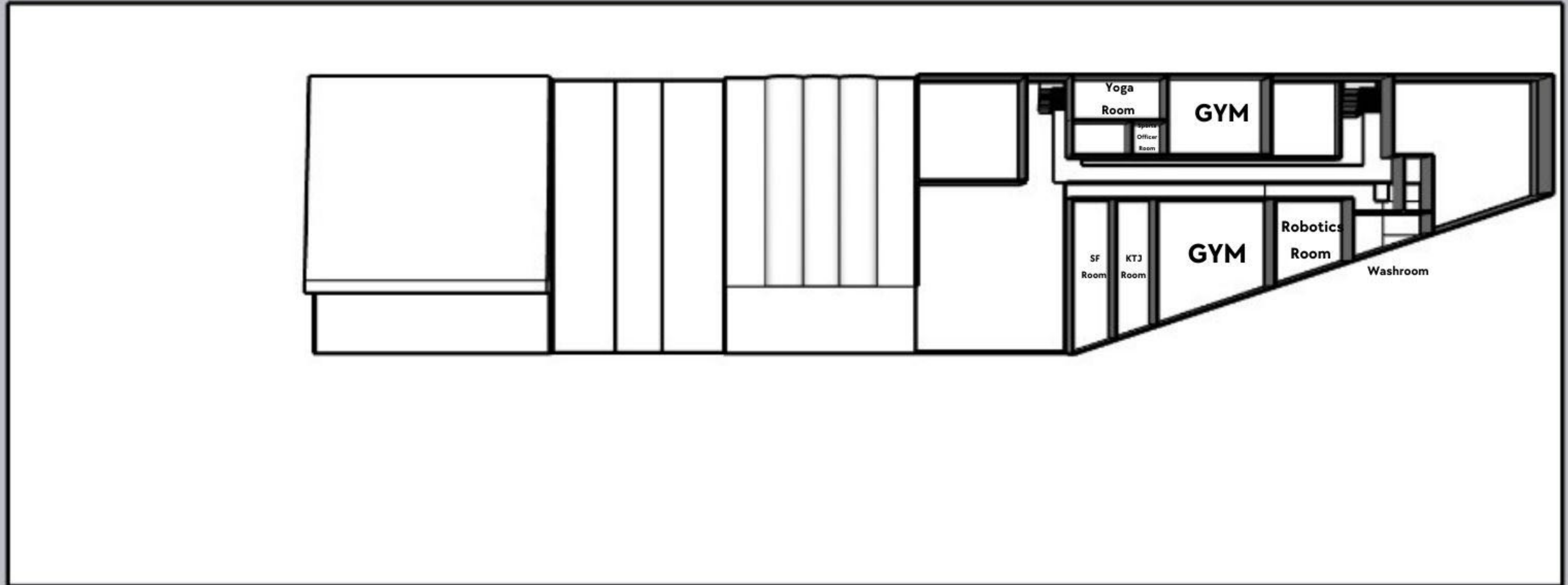
*Original*





# Ground Floor





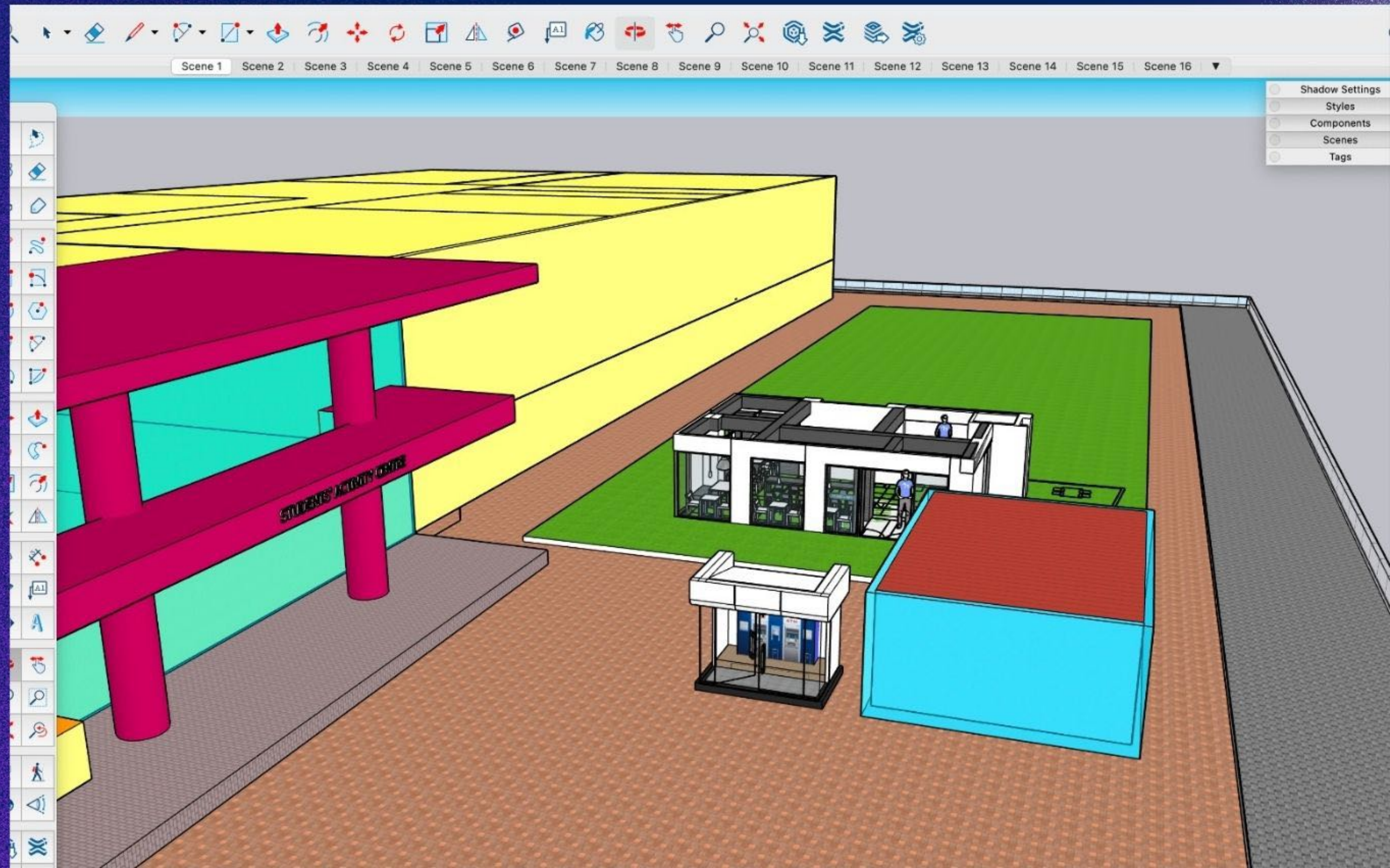
# First Floor



# GYMKHANA

## MODEL

*with the proposed improvements*

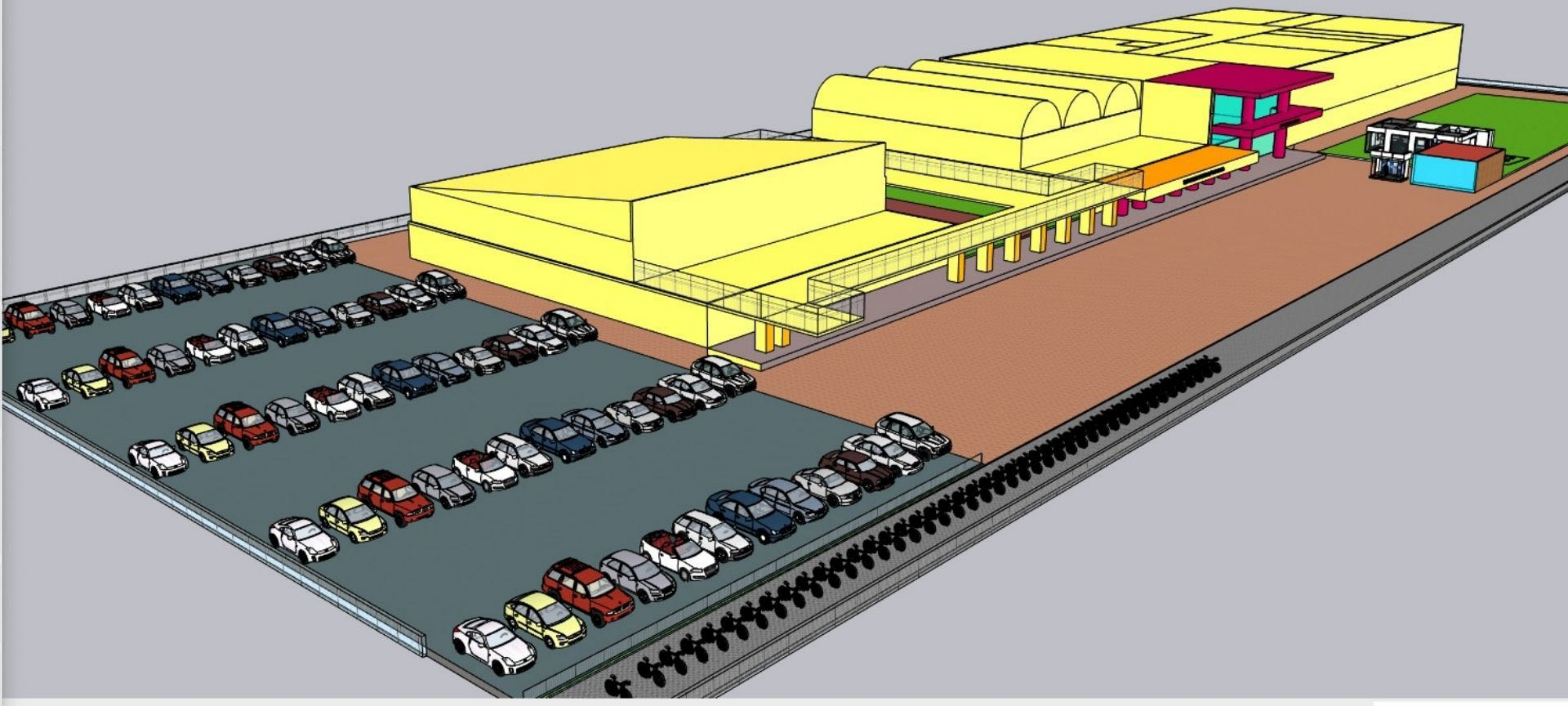




# EXTERIOR

- Added a dedicated cycle parking stand just infront of fence.
- Shifted ATM to guard location for easier access and enhanced security.
- The unused part on the left of badminton court is converted into car parking.
- Added a cafeteria to the right of Students' Activity Centre.
- The Gymkhana building is converted into a perfect rectangular shape by extending the unsymmetrical part.
- Added Solar panels on rooftop for clean energy.



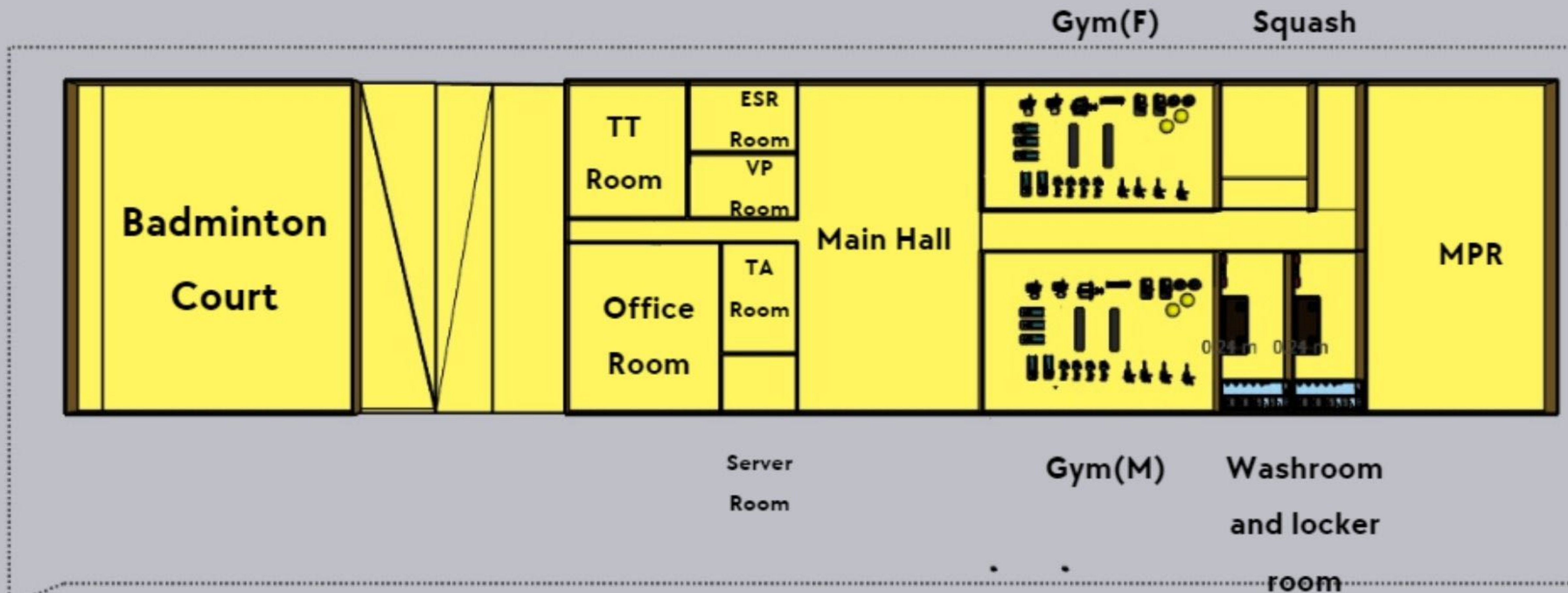




# INTERIOR : GROUND FLOOR

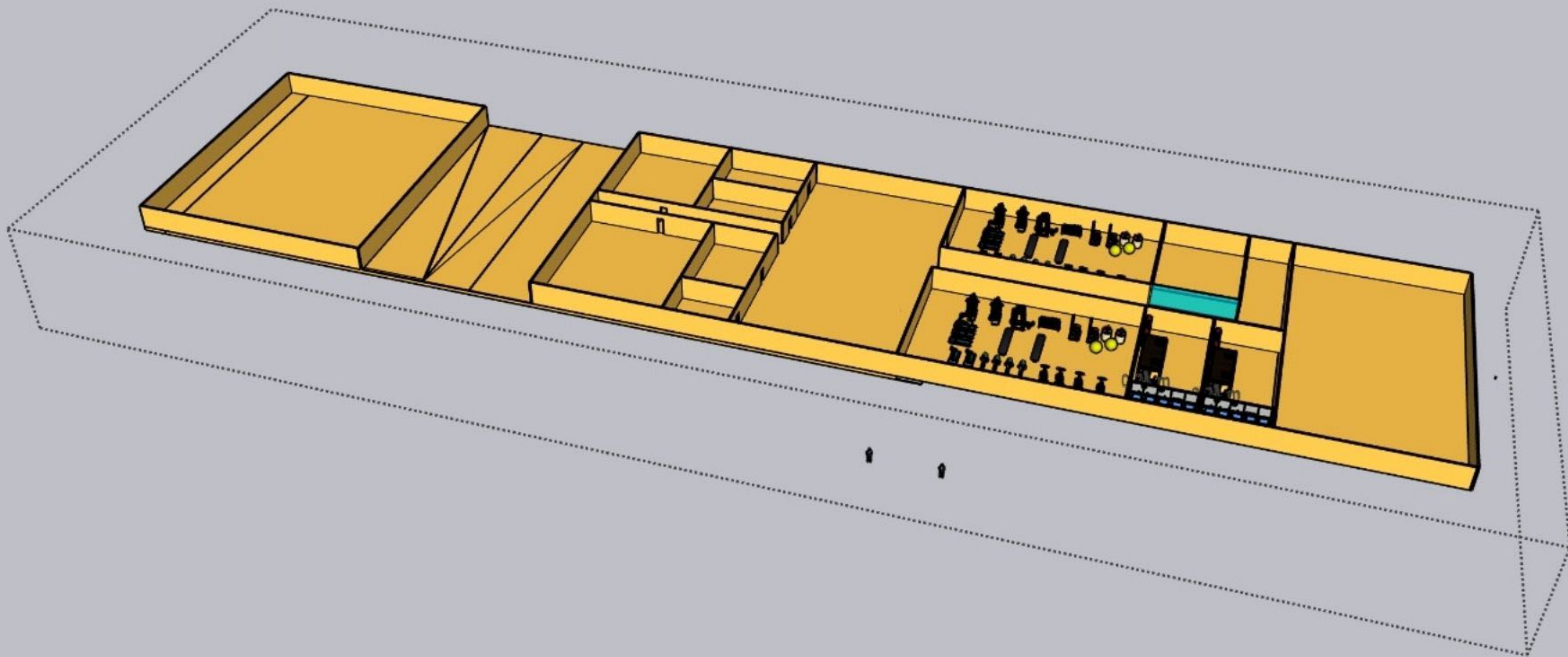
- Instead of 6 gyms that are underutilised, we made 3 gyms, 1 for males, 1 for females and 1 unisex(on upper floor)
- Clubbed office rooms together and made it bigger, moved KTJ, SF, Robotics to upper floors
- Brought TA, VP, ESR room together at one place
- Made locker rooms and bigger washrooms for both male and female
- Made MPR bigger in size and added an extra floor to it
- Made a server room for faster internet





# Ground Floor



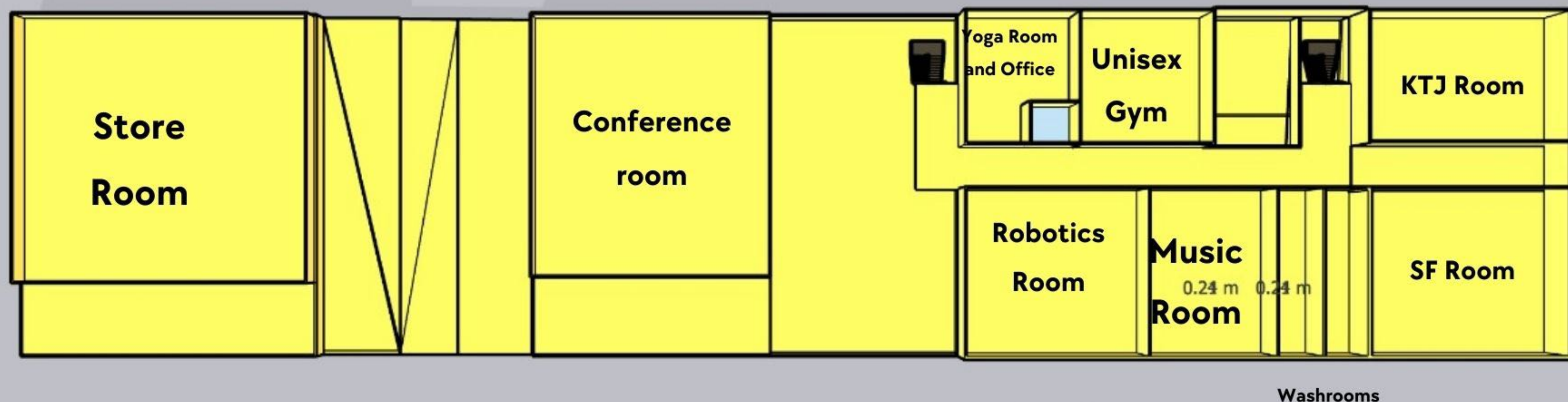




# INTERIOR - FIRST FLOOR

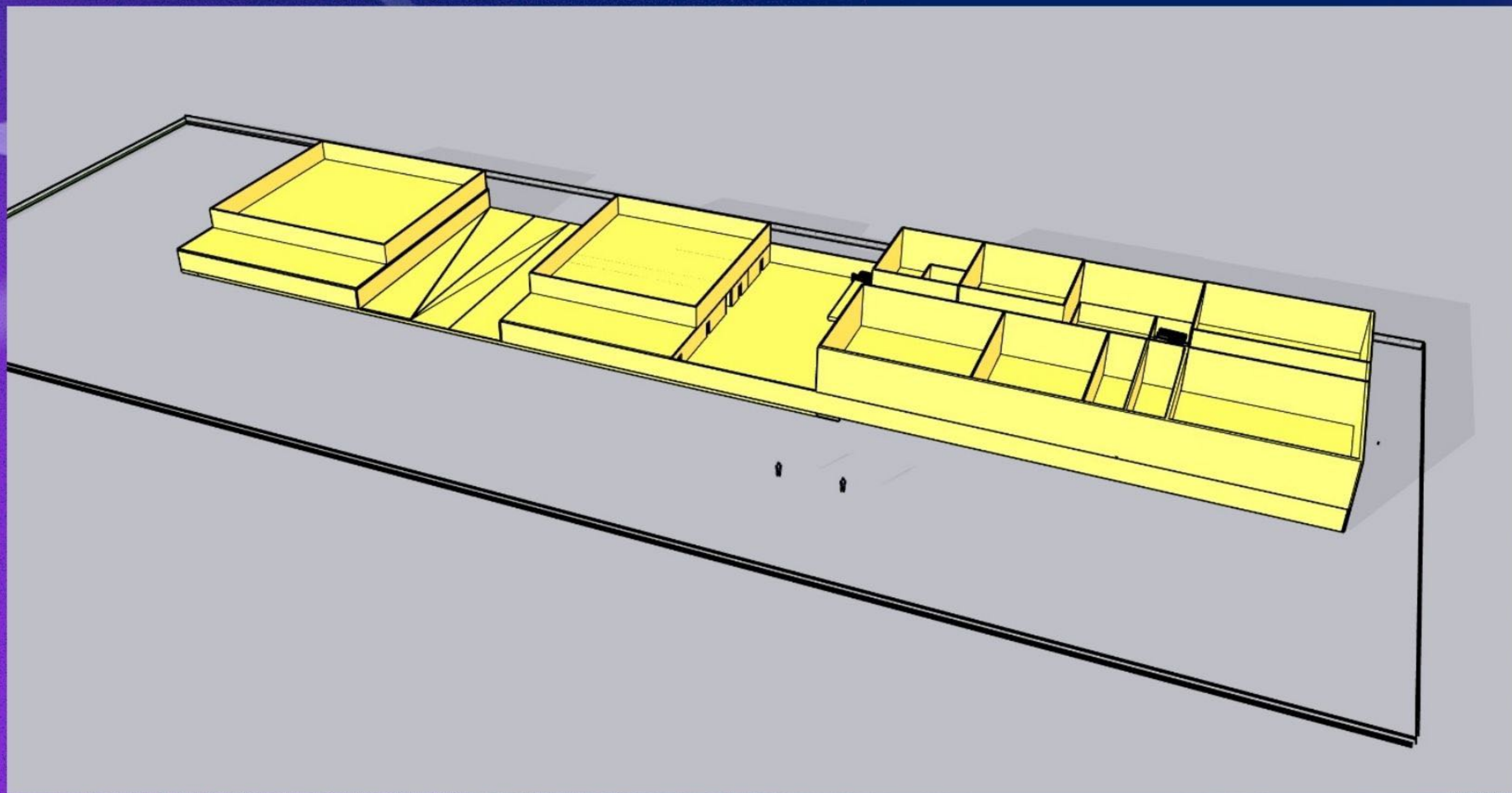
- Assigned Robotics, KTJ, SF new rooms
- Made bigger washrooms and a separate music room
- Added conference room on top of office rooms
- Added storage room on top of Badminton Courts.





# First Floor







# ADDITIONAL IMPROVEMENTS

- Installation of LED Screens showing current news and events of IIT KGP Campus
- Adding more water filters and coolers
- Making amendments so as to improve ventilation.



THANK  
YOU!

