NU hostel Tour

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Motivation

As a student I always had the problem when choosing my room for my next year. While choosing our rooms we don't have the basic knowledge about the location of nearby facilities like Washroom. On times, when our parents want to know the students residing around us we become numb as we don't know our neighbours. I had this problem of very weak cell reception in my room in 3rd Year which could be avoided if I knew the problems I will face in the room. This app is the solution to all the problems for all the students be it the present ones or the ones coming in future.

Purpose

This Android Application will provide the 3D map for the hostels in which you would be able to free roam and see the infrastructure of the Hostels and rooms. It will have specific information about every room like the cell reception, Wifi signal, proximity to washrooms, etc. It will have models for different room types. It will extend to all the hostel buildings (UG1, UG2, PG1, PG2). It will not only help students while reserving their room but the parents for know their child's neighbouring students, the faculty to know the resident of a particular room without looking into registers too. This app will automate a lot of things and will make life easier.

Requirements

- Android phone

Future Aspects

We will add live map Directions within the building which will let the user know about the directions to a particular room. This will be done by AR.

Potential Customers

As of now, the customer for the project will be our University but in future any organisation with a big infrastructure who want a proper 3D map of their buildings for assistance to their employees will be our potential customers.