ARCHX

SHIFTING TOWER

Like the city of Shanghai itself - ever changing; ever shifting. Designed with independent entrepreneurs in mind this tower provides not only modern, affordable offices, utilities and a communal space for the business society in the centre of this bustling metropolis; but with the employment of technologies based on the premise of Internet of Things it creates a novel, adaptable and advantageous environment suited for development of ideas and cooperation between Shanghai's upcoming businessmen.

The APP
Social hub for employees
Navigation throughout the building and its offices
Booking facilities
Control over services in the office
Access to companies' database
Transport - taxis, electrical "cars to go"
Personal planner and calendar linked with companies timetables
Link to public communication routes

Architecture
Distinct shape of the tower is created by a seemingly random arrangement of circular modules dissected into protruding and contracting sections which create an array of platform terraces - base for a green oasis in the middle of Shanghai's highly urban environment. Consequent floors envelope a wide atrium shaft which provides the interior of the building with sunlight.

Space Division
Parking area - atrium shaft - shops, cafes, restaurants - lecture halls - offices - meeting space

Sustainability
Employing sustainable technologies like water based cooling system (based on the idea of exploitation of free cooling resources from the river), green energy floor tiles (which convert kinetic energy into electricity through electromagnetic induction) and solar panels Shifting Towers strives to limit its carbon dioxide footprint and create a healthier environment for inhabitants of Shanghai.

All linked with the cloud