

BUILDNER

Architecture Competitions

مؤسسة محمد بن راشد للإسكان
Mohammed Bin Rashid Housing Est.



مركز محمد بن راشد
للابتكار الحكومي
MOHAMMED BIN RASHID CENTRE
FOR GOVERNMENT INNOVATION



Zaha Hadid



SANTIAGO CALATRAVA
ARCHITECTS & ENGINEERS

Full Competition Terms & Conditions:
architecturecompetitions.com/HOUSEOFTHEFUTURE/terms

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Architecture Competition Organisers

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House of the Future - Redefining Architecture with AI

this project present a vision that embrace the unlimited capabilities of artificial intelligence (AI) as the sole tool for architectural planning and design. This concept is a testament to the potential of AI to create homes that seamlessly blend sustainability, functionality, cost-efficiency, aesthetics, and harmony



AI generated Inspiration board for materials, textures and colors



House of the Future - Redefining Architecture with AI

One of the most exciting applications is the AI generation of the exterior architectural planning and design, with an emphasis on adapting to the climate, prioritizing sustainability, embracing aesthetics, optimizing cost, and enhancing functionality



AI generated plan and design for outdoor kitchen

Climate control with holistic approach - AI generated gardening plan for exterior corner



House of the Future - Redefining Architecture with AI

AI creatively incorporates traditional elements, such as the mashrabiya, into modern design, achieving climate and privacy control. It also prioritizes material selection for sustainability, aesthetics, cost-effectiveness, and functionality, resulting in an interior design that harmoniously merges the old and the new



House of the Future - Redefining Architecture with AI



Second floor bedrooms and attached bathrooms suggested interiors as generated by AI

