

Computer-Aided Design for Dementia Flooring Installation at Doorway



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Design Problem

FLOORS IN HALLWAYS
AND OTHER
COMMUNAL AREAS



FLOOR PATTERNS



BRIGHTNESS

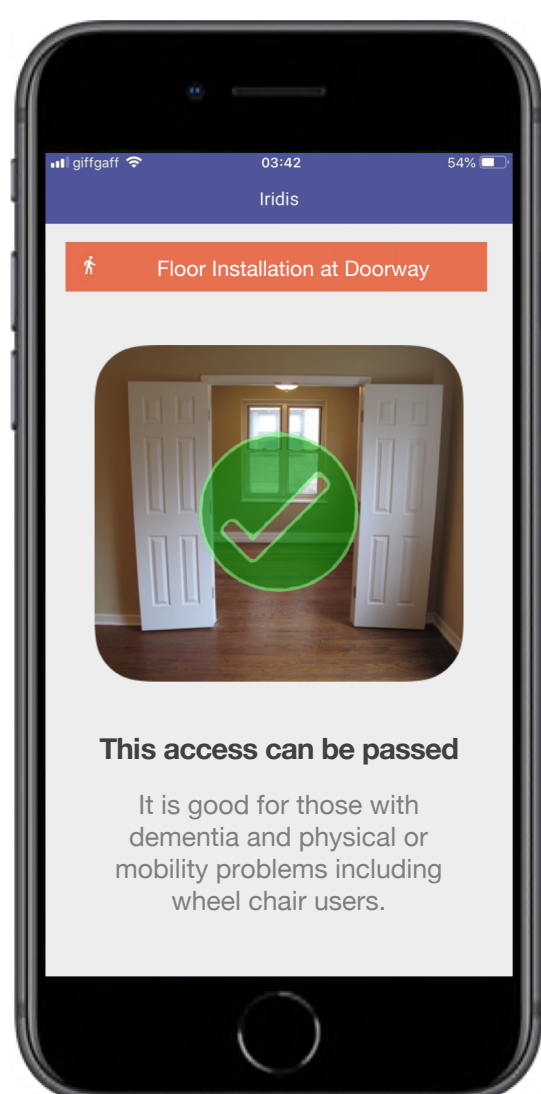


THRESHOLD STRIPS



“ A Helpful Tool for
People with Dementia
Living Alone at Home ”

Improving the Design of Housing to Assist People with Dementia



What is Iridis?

A DIGITAL VERSION OF THE
DSDC'S RESEARCH-BASED
DEMENTIA DESIGN AUDIT TOOL

THE APP REPRESENTS
A REVOLUTION IN THE
IMPLEMENTATION OF DEMENTIA
DESIGN PRINCIPLES IN HOMES,
WORKPLACES, CARE FACILITIES
AND PUBLIC BUILDINGS.



Process

DEEP LEARNING FOR COMPUTER VISION

