

FIRE SAFETY TOOLS MAC IOS APPS DEVELOPMENT

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FIRE SAFETY TOOLS. MAC IOS DEVELOPMENT



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0. BACKGROUND



1. APPS COLLECTION



APPS COLLECTION



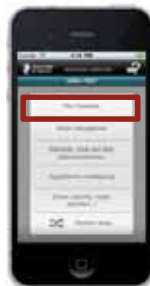
1. APPS COLLECTION



UNAV-TEST

GIVE ANSWER TO DOUBTS ABOUT 5 AREAS OF BUILDING SERVICES BY ANSWERING PRE-DEFINED QUESTIONS

READY TO UPLOAD TO APPSTORE



2. UNAV-FIRE



UNAV-FIRE

CALCULATE THE MAIN FIRE SAFETY PARAMETERS FOR A RESIDENTIAL BUILDING

ON APPSTORE



2. UNAV-FIRE



IN PUT

- AREA CONSTRUCTED
- SECTORS NUMBER
- AREA OF FIRE SECTOR TO BE CALCULATED
- HEIGHT OF EVACUATION DESCENT
- MAXIMUM EVACUATION DISTANCE
- FLOOR WITH/WITHOUT DIRECT EXIST TO SAFE EXTERIOR AREA
- SPRINKLERS
- SECTOR OCCUPATION



2. UNAV-FIRE



OUT PUT

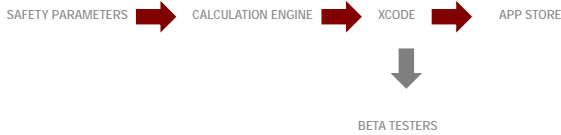
- RESISTANCE OF STRUCTURE TO FIRE
- NUMBER OF EXITS PER FLOOR
- STAIR TYPE
- STAIR WIDTH
- CORRIDORS AND RAMPS DOORS
- NUMBER OF LEAVES IN DOORS AND PASSAGES
- MINIMUM ELEMENT WIDTH
- LEAF WIDTH



2. UNAV-FIRE



METHODOLOGY



2. UNAV-FIRE



SCREEN DESIGN



2. UNAV-FIRE



LANGUAGES



2. UNAV-FIRE



HELP SCREEN



3. FUTURE RESEARCH ACTIVITIES



NEXT STEPS: RESEARCH

1. MULTIDISCIPLINARY KNOWLEDGE
2. MATHEMATICAL MODELS APPLIED TO BUILDING EMERGENCY EXITS
3. GOAL: PEOPLE FLOWS APP

