

UNIVERSITY OF TRENTO

Department of Information Engineering and Computer Science



Degree course in Computer Science

Final Thesis

Development of localization system based on qr's recognition

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Academic year 2013-2014

*A mio nonno e la mia famiglia,
sperando non ne abbiano mai bisogno*

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Chapter 1

The DALi project

In modern times the world moves forward with incredible speed and creates new buildings aimed to engage people who use them, but often this environments are designed for adults with fully developed psychological and physical capabilities. People who don't have the requirements to experience properly this new places begin to feel unsafe and perceive the world around even with hostility, which brings them confined in buildings they know and trust. A subset of these people are elders who experience difficulties especially in complex and overcrowded environments and, in order to solve this problem, the project was born.

Acknowledgements

I would like to thank my supervisor Luigi Palopoli for his guidance during the work I've created.

Special thanks are for Federico Moro who helped me every time I had fallen when I was writing the algorithm.

Many thanks also to David Macii whose support was very helpful.

My gratitude goes to my girlfriend Giulia, my family and my roommate Federico who all helped me in dark moments.

I am pleased to acknowledge all the friends who stayed at my side in these three years: Giulio Fornasaro, Luca Zamboni, Roberto Zen, Andrea Cristiano, Andrea Panizza and Lorenzo Lotto but also all my course mates, without them this time would have been boring.