



Hochschule **RheinMain**

INFODOQ

Acceptance Criteria in Nursing

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STRUCTURE

Introduction

The Web-based Information Platform INFODOQ

Communication and Documentation

Empirical Analysis

Acceptance Criteria

Summary and Conclusion

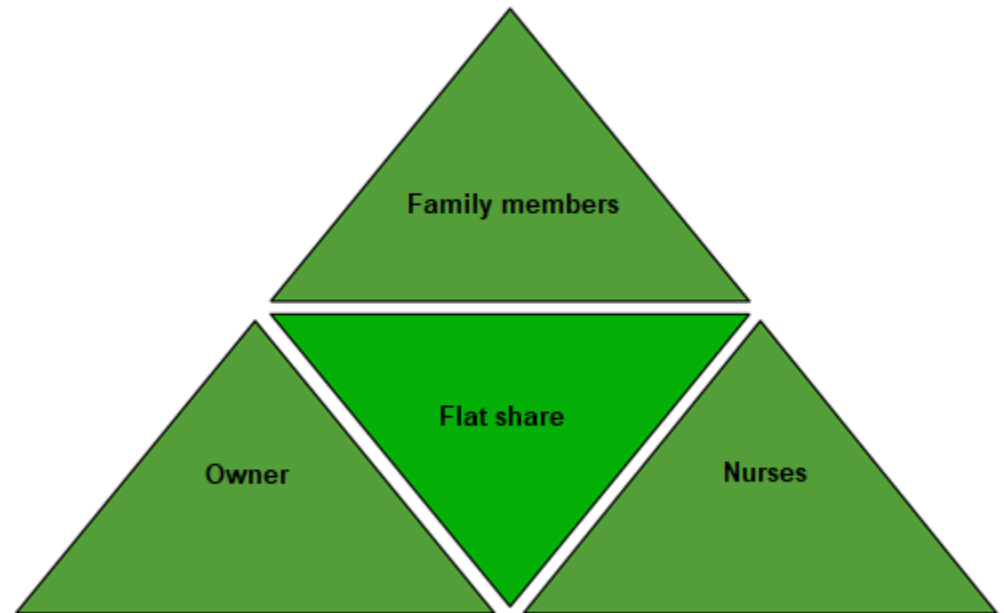
INTRODUCTION

Initial Situation

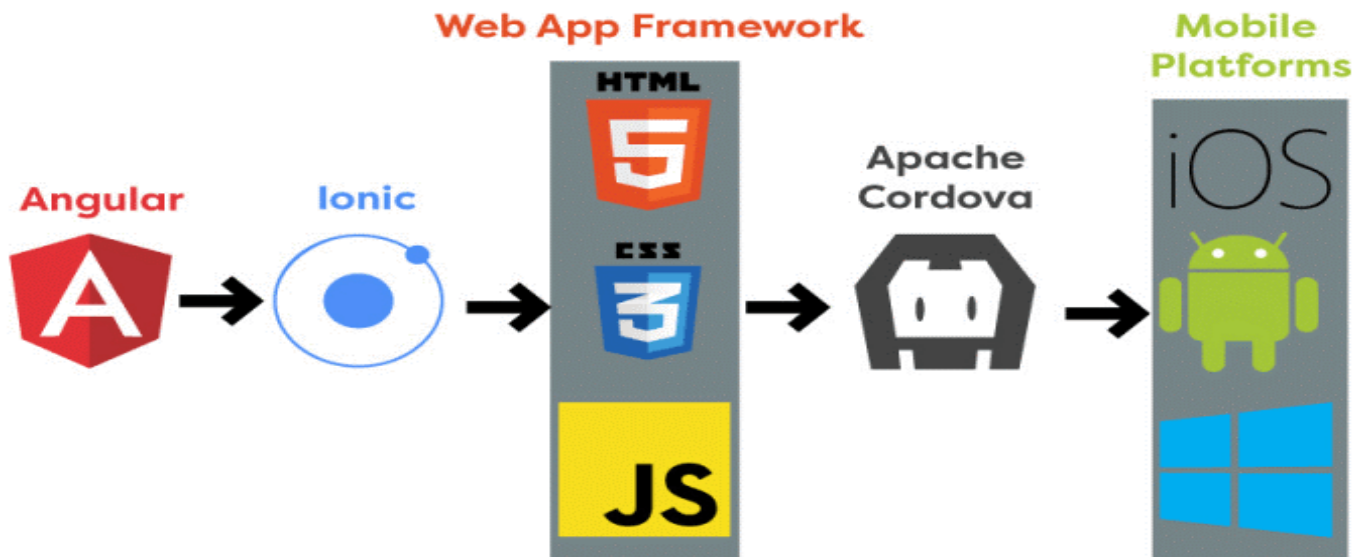
Dementia Residential Communities

Requirements

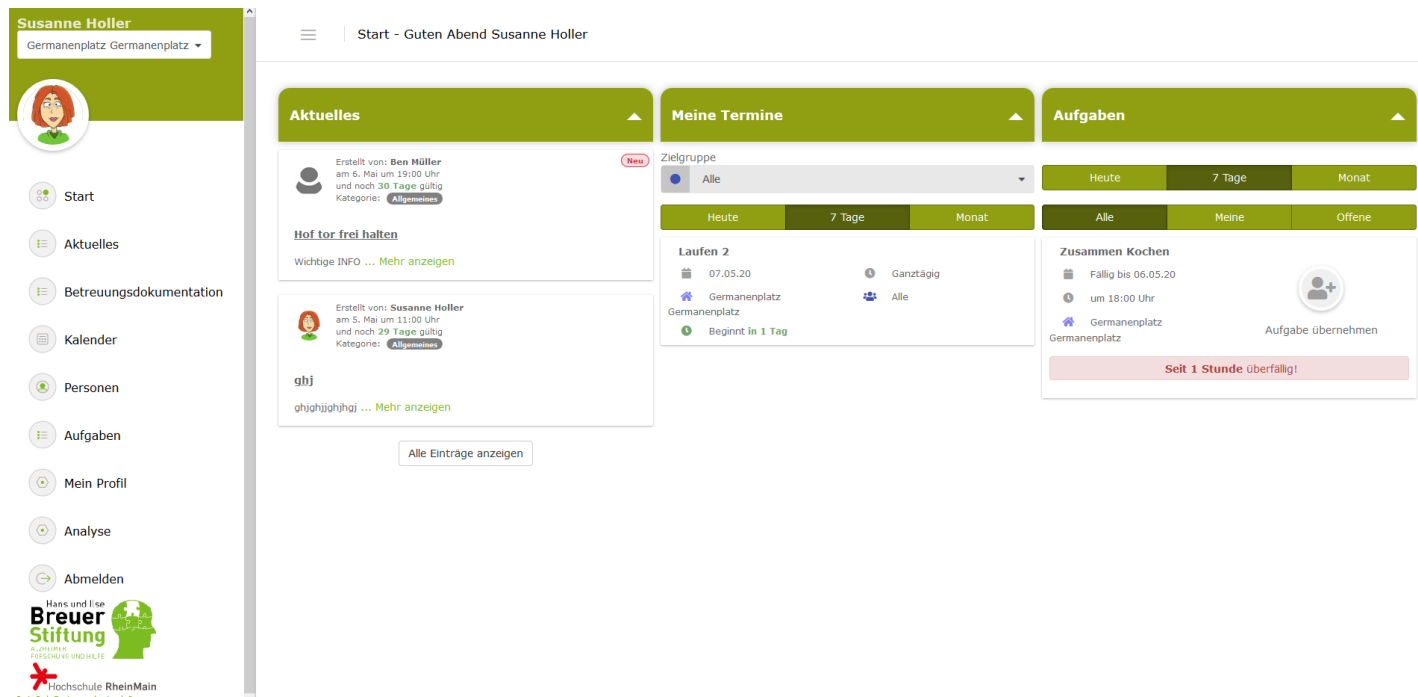
- Transparency
- Control System
- Documentation
- Communication
- Coordination Processes
- Transfer of Information
- Avoidance of Paper Chaos



Through this combination, Ionic combines its own code with the native APIs from Apache Cordova and the client-side optimizations by AngularJS to enable hybrid apps with efficient performance.



The Communication Software INFODOQ



The screenshot displays the user interface for Susanne Holler. On the left is a navigation sidebar with icons for Start, Aktuelles, Betreuungsdokumentation, Kalender, Personen, Aufgaben, Mein Profil, Analyse, and Abmelden. Below the sidebar is the logo for the Hans und Lisa Breuer Stiftung, a research and service foundation at Hochschule RheinMain.

The main content area is titled "Start - Guten Abend Susanne Holler" and is divided into three columns:

- Aktuelles:** Contains two news items. The first is from Ben Müller, dated May 6th, 19:00, regarding "Hof tor frei halten" with a "Wichtige INFO" tag. The second is from Susanne Holler, dated May 5th, 11:00, with a "gblj" tag.
- Meine Termine:** Shows a calendar view for "Laufen 2" on 07.05.20 at Germanenplatz, categorized as "Ganztägig" and "Alle". It indicates the start is "Beginnt in 1 Tag".
- Aufgaben:** Shows a task "Zusammen Kochen" due by 06.05.20 at 18:00 at Germanenplatz. A red banner indicates "Seit 1 Stunde überfällig!".

At the bottom of the main content area, there is a button labeled "Alle Einträge anzeigen".

Documentation of Care

Betreuungsdokumentation

Betreuungsleistung für die Mittagsschicht 06.05.2020










Alle Bewohner Auswählen

	<input type="checkbox"/> Heide	<input type="checkbox"/> Fritz	<input type="checkbox"/> Else	<input type="checkbox"/> Emma	<input type="checkbox"/> Frida	<input type="checkbox"/> Heinz	<input type="checkbox"/> Helmut	<input type="checkbox"/> Kurt
<input type="checkbox"/> Spaziergang	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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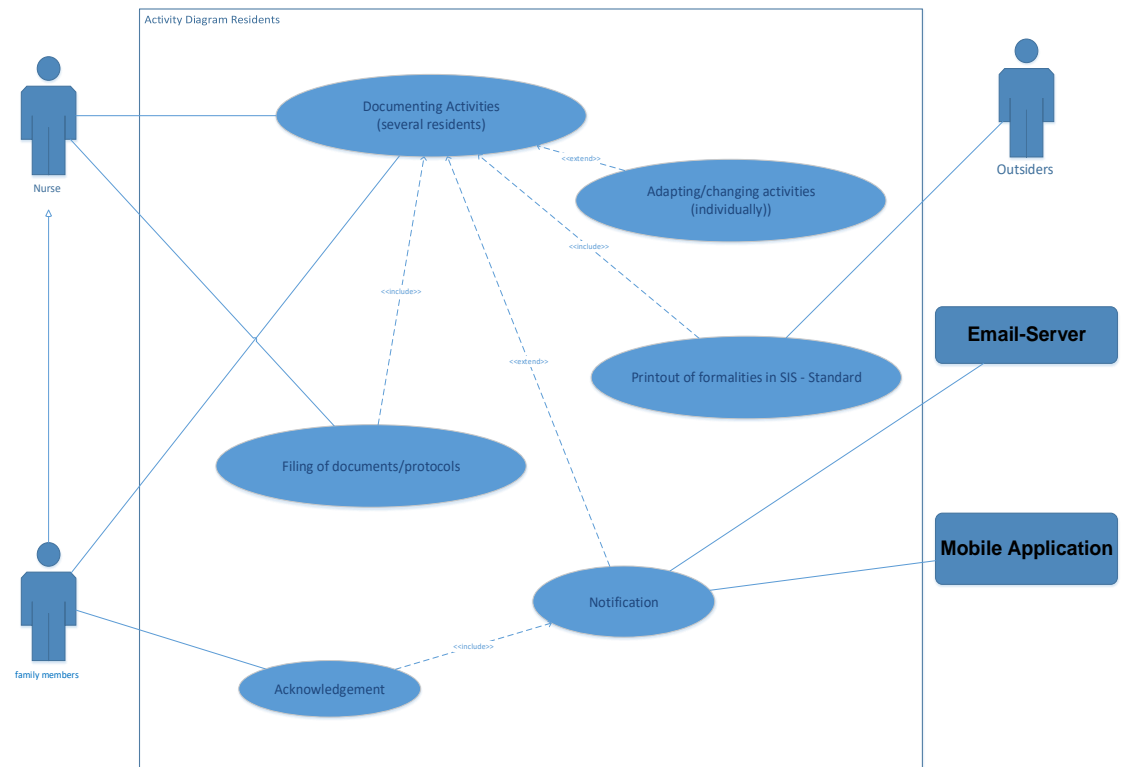
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Documentation

- Organization
- Transparency
- Logging
- Notification

Communication

- Sensitivity
- Dates
- Contact Person
- Changes
- Anomalies



EMPIRICAL ANALYSIS

Number of Test Persons: 21

Age: from 30 to over 60

User Group: nurses and family members

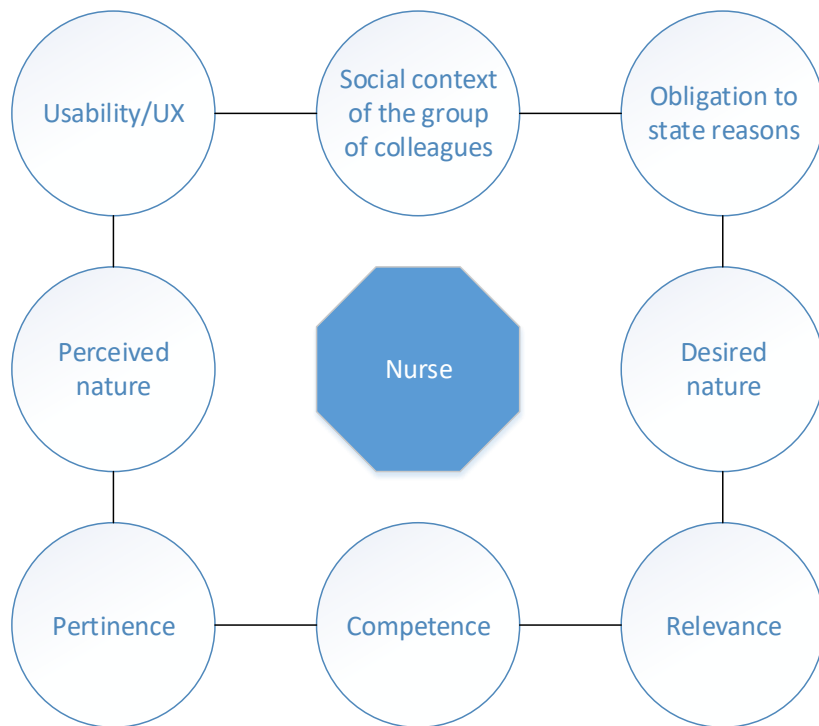
Test Methods: think aloud method, questionnaire method, online questionnaire

Classification of Problems:

- Detail problem: cosmetic problem
- Irritation problem: makes use more difficult
- Critical problem: leads to termination

ACCEPTANCE CRITERIA

Eight Elaborated Acceptance Criteria in Nursing



ACCEPTANCE CRITERIA

Obligation to State Reasons

- Outdoor exposure
- Fear
- Transparency of the own work

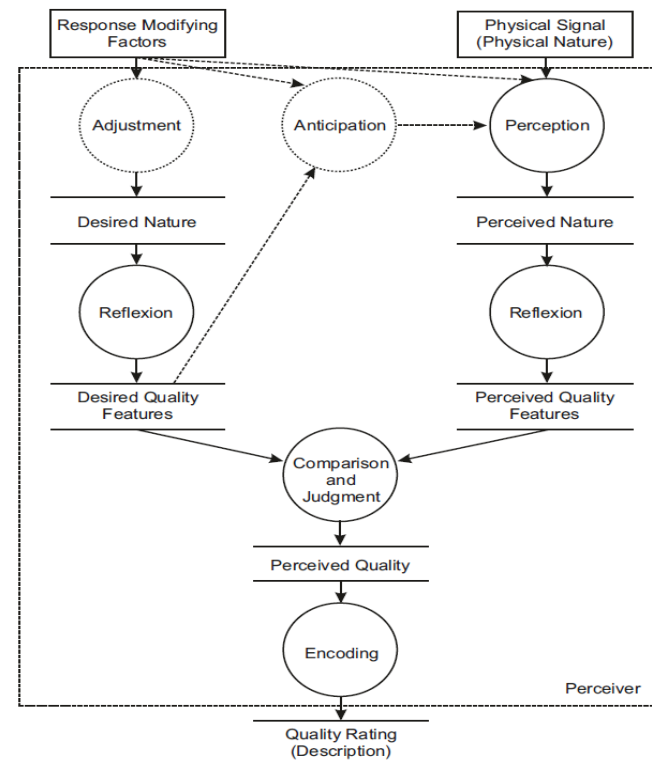
Social context of the group of colleagues

- Own level of knowledge
- Support area

ACCEPTANCE CRITERIA

Desired Nature - Perceived Nature

- Signal
- Perception
- Assessment



ACCEPTANCE CRITERIA

Usability and UX

- Effective
- Efficient
- Satisfactory



SUMMARY

We have built a documentation software
Infodoq for communities with multiple dementia

We have conducted several usability tests
with the nurse of the communities

We have found eight critical points for
improvement of nursing documentation software

CONCLUSION

Based on the preceding acceptance criteria

- On the one hand, the interfaces have to be simple
 - target group
 - enough pertinence
 - without user irritation
- Other hand, interfaces have to be emotional
 - target group sees a basic usefulness