

System Documentation

Responsive Website

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# Introduction

This document is meant for the client (Miss. Barbara Bijlstra), Product Owner (Mr. Mike Hofstede) and Scrum Coach (Miss. Irene Overtoom).

To support the development of the responsive website, we have drawn this document to give a directive for the functionality of the responsive website.

This document will contain the following:

* Use Case scenarios
* Use Case diagram
* Class diagram
* ERD-diagram

# 1: Problem definition

BOOT (Buurtwinkel voor Onderwijs, Onderzoek en Taalontwikkeling) is a company that helps neighbors with their general problems (such as reading and translating letters or basic IT issues like making an e-mail account).

These neighbors do not have the ability to do this, since most of the neighbors are originally from other countries and do not have the knowledge and experience to do this. They do not have someone that can help him or her due to the lack of the same knowledge and experience where they really originally came from (emigrated from a foreign country to the Netherlands).

That is why BOOT came to existence. People who have knowledge and experience about these subjects can share this to the neighbors.

The problem with BOOT is that lots of neighbors are asking for help about different subjects. The subjects of the problem are listed here:

**Administration**

* *Help to read a letter*
* *Calling authorities*

**Computer-related**

* *Creating an e-mail account*
* *Configure internet*

**Apply for a job**

* *Drafting a curriculum vitae*
* *React to an/a (online) vacancies*
* *Register at employment agencies*

**Government subjects**

* *Create a DigID account*
* *Tax Office*
* *Health insurance*

And many more subjects that must be answered (or solved) during an appointment where neighbors will come to BOOT and tell their problems, which will be answered (or solved) by an employee (or an intern) at BOOT.

BOOT is asking us (ITopia) to develop something that allows the neighbors of BOOT (clients that are visiting BOOT for their help) take the initiative to ask other neighbors about the help they need. But if the neighbor is also asking for help, they must also return a favor by telling them what he/she can do (for example cooking or cleaning the house et cetera).

# 2: Use Case Scenarios

|  |  |
| --- | --- |
| Use Case Section | Comment |
| Use Case Name | Access responsive website |
| Primary Actor | Neighbors of BOOT |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. |
| Success Guarantee (post conditions) | The homepage of the responsive website will be shown. |
| Main Success Scenario | 1. Open your internet browser of your tablet/smartphone/pc/laptop. 2. Fill in the address bar the responsive website URL and press enter. 3. Responsive homepage will be shown. |
| Extensions | 1a: Internet browser crashes: force-stop app and re-open it.  2a: Not the right website/doesn’t show the website: check the website URL if it is typed correctly.  3a: Site unavailable: refresh the page |

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| --- | --- |
| Use Case Section | Comment |
| Use Case Name | Account registration responsive website |
| Primary Actor | Neighbors of BOOT |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. 3. Is at the homepage of the responsive website. |
| Success Guarantee (post conditions) | User has created an account responsive website. |
| Main Success Scenario | 1. Go to ‘Registreer account’. 2. User fills his account details and submits. 3. User gets message that the account is created. |
| Extensions | 2a: Account not created: all blank forms are mandatory to fill in. |

|  |  |
| --- | --- |
| Use Case Section | Comment |
| Use Case Name | User Login responsive website |
| Primary Actor | * Neighbors of BOOT * Administrators (employees) responsive websites |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. 3. Is at the homepage of the responsive website. 4. Must have a registered account. |
| Success Guarantee (post conditions) | User has logged in successfully in the website. |
| Main Success Scenario | 1. User clicks on ‘Registreer account’. 2. User fills his account details and submits. 3. User gets message that the account is created. |
| Extensions | 2a: Account not created: all blank forms are mandatory to fill in. |

|  |  |
| --- | --- |
| Use Case Section | Comment |
| Use Case Name | Post help in notice board |
| Primary Actor | Neighbors of BOOT |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. 3. Is at the homepage of the responsive website. 4. Must be logged in. |
| Success Guarantee (post conditions) | User posted a help advertisement in the notice board. |
| Main Success Scenario | 1. User clicks on “Plaats hulp/dienst”. 2. User selects the category he needs as help. 3. User fills in his problem. 4. User posts his problem. |
| Extensions | 3a: Cannot submit the problem: All blank forms must be filled in (mandatory). |

|  |  |
| --- | --- |
| Use Case Section | Comment |
| Use Case Name | Delete help advertisements |
| Primary Actor | Administrators (employees) responsive website |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. 3. Is at the homepage of the responsive website. 4. Must be logged in. |
| Success Guarantee (post conditions) | User has deleted one (or more) help advertisement(s) threads. |
| Main Success Scenario | 1. User clicks on ‘Dashboard’. 2. User clicks on “Beheer advertenties”. 3. User selects one (or more) help advertisement(s). 4. User clicks on “Delete” 5. Help advertisement is deleted |
| Extensions | 3a: Advertisement(s) cannot be deleted: advertisement(s) is not selected. |

|  |  |
| --- | --- |
| Use Case Section | Comment |
| Use Case Name | Edit help advertisements |
| Primary Actor | Administrators (employees) responsive website |
| Preconditions | 1. Must have a tablet/smartphone/pc/laptop. 2. Must have an internet connection. 3. Is at the homepage of the responsive website. 4. Must be logged in. |
| Success Guarantee (post conditions) | User has deleted one (or more) help advertisement(s) threads. |
| Main Success Scenario | 1. User clicks on ‘Dashboard’. 2. User clicks on “Beheer advertenties”. 3. User selects one (or more) help advertisement(s). 4. User clicks on “Delete” 5. Help advertisement is deleted |
| Extensions | 3a: Advertisement(s) cannot be deleted: advertisement(s) is not selected. |

# 3: Use Case Diagram



# 4: Class Diagram

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# 5: ERD-Diagram

