EM\_17

EVENT MANAGER 2017

WEB SITE DOCUMENTATION

**INDEX**

1. **Requirements**
2. **Software Analysis**
3. **Software Design**
4. **Testing plan**

# Requirements

1.1. Requirements Elicitation

* INTERVIEW n.1

STAKEHOLDER: Prof. Sergio Di Martino

Control officers have mobile devices for accesses validation. The system provides to give and manage an account for each of them.

Each device, connected to a central server, validates a customer’s ticket by scanning its QR code.

Whenever the QR scanning succeeds, the application must show the linked event’s details

* INTERVIEW n.2

STAKEHOLDER: Prof. Sergio Di Martino

It is important for the service to be reliable and fast.

1.2 Requirement Analysis

1.2.1 Use case diagram

<<Extends>>

<<Extends>>

 

Customer Bank

1.2.2 Use Case Description (Cockburn’s template)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| #1 | SIGNS IN |  |  |  |
| *Goal in context* | The customer makes registration | | | | |
| *Success End Condition* | The customer succeeds to sign in | | | | |
| *Fail End Condition* | The costumer fails to sign in | | | | |
| *Primary actor* | Customer | | | | |
| *Trigger* | The customer presses the “sign in” button on the site | | | | |
| DESCRIPTION | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Customer Fills in the fields name, surname, email, password, confirm password , Inserts CAPTCHA |  | |
| 2 | Presses confirm button. |  | |
| 3 |  | Shows [SIGN IN SUCCESSFUL] page | |
| 4 | Presses back to home button |  | |
| 5 |  | Shows [LOGGED] page | |
| EXTENSION | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Presses social network button |  | |
|  | 2 |  | The system redirects the user to the social Netwok login page | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Fails to match password and password confirm fields |  | |
|  | 2 | Presses sign in |  | |
|  | 3 |  | Highlights wrong field, Shows the same page but displays a “mismatch user-password” message [REGISTRATION FILED] | |
| SUBVARIATION #2 | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Inserts wrong email |  | |
|  | 2 | presses sign in |  | |
|  | 3 |  | Highlights wrong field, Shows the same page and displays a “wrong email” message [REGISTRATION FILED] | |
| SUBVARIATION #3 | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Inserts wrong captcha |  | |
|  | 2 | Presses sign in |  | |
|  | 3 |  | Highlights wrong field, Shows the same page and displays a “wrong captcha” message [REGISTRATION FILED] | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| #2 | LOGS IN |  |  |  |
| *Goal in context* | The customer logs in | | | | |
| *Success End Condition* | The customer succeeds to log in | | | | |
| *Fail End Condition* | The costumer fails to log in | | | | |
| *Primary actor* | Customer | | | | |
| *Trigger* | The customer presses the “log in” button on the site | | | | |
| DESCRIPTION | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Customer Fills in the fields email, password |  | |
| 2 | Presses confirm button. |  | |
| 3 |  | Shows [LOGGED] page | |
| EXTENSION | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Presses social network button |  | |
|  | 2 |  | The system redirects the user to the social Netwok login page | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | **SYSTEM** | |
|  | 1 | Fails to match password and email |  | |
|  | 2 | Presses log in |  | |
|  | 3 |  | Highlights wrong field, Shows the same page but displays a “mismatch user-password” message [REGISTRATION FILED]  **Correggi mockup** | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| #3 | BROWSE WEBSITE | |  |  |  |
| *Goal in context* | The customer visualises event | | | | | |
| *Success End Condition* | The customer succeeds to visualises event | | | | | |
| *Fail End Condition* |  | | | | | |
| *Primary actor* | Customer | | | | | |
| *Trigger* | The customer opens the site | | | | | |
| DESCRIPTION | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Selects a category | |  | |
| 2 |  | | Shows [CATEGORIES] page | |
| 3 | Selects an event from the list | |  | |
|  | 4 |  | | Shows[EVENT] page | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Selects an event from those recommended on the home page | |  | |
|  | 2 |  | | Shows[EVENT] page | |
| SUBVARIATION #2 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Selects a category | |  | |
|  | 2 |  | | Shows [CATEGORIES] page | |
|  | 3 | Sorts the event list by choosing a mode | |  | |
|  | 4 |  | | Shows [CATEGORIES] page  Sorted by mode chosen | |
|  | 5 | Selects an event from the list | |  | |
|  | 6 |  | | Shows[EVENT] page | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| #4 | Uses search bar | |  |  |  |
| *Goal in context* | The customer find an event | | | | | |
| *Success End Condition* | The customer succeeds to find an event | | | | | |
| *Fail End Condition* | The costumer fails to find an event | | | | | |
| *Primary actor* | Customer | | | | | |
| *Trigger* | The customer clicks on the search bar | | | | | |
| DESCRIPTION | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Write something on the search bar | |  | |
| 2 | Presses enter | |  | |
| 3 |  | | Shows [FIND RESULT] page  **AGGIUNGILO AI MOCKUP** | |
| 4 | Selects an event from the list | |  | |
|  | 5 |  | | Shows[EVENT] page | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Write something on the search bar | |  | |
|  | 2 | Presses enter | |  | |
|  | 3 |  | | Shows [FIND RESULT] page  **AGGIUNGILO AI MOCKUP** | |
|  | 4 | Sorts the event list by choosing a mode | |  | |
|  | 5 |  | | Shows [FIND RESULT] page  Sorted by mode choosen | |
|  | 6 | Selects an event from the list | |  | |
|  | 7 |  | | Shows[EVENT] page | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 | Write something on the search bar | |  | |
|  | 2 | Presses enter | |  | |
|  | 3 |  | | Shows [RESEARCH ERROR] page  **AGGIUNGILO AI MOCKUP** | |
|  | 4 | Presses back to home button | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| #5 | BUY TICKET | |  |  |  |
| *Goal in context* | The customer buys ticket | | | | | |
| *Success End Condition* | The customer succeeds to buys ticket | | | | | |
| *Fail End Condition* | The costumer fails to buy ticket | | | | | |
| *Primary actor* | Customer | | | | | |
| *Trigger* | The customer clicks on “buy” button in [EVENT] page | | | | | |
| DESCRIPTION | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 |  | |  | |
| 2 |  | |  | |
| 3 |  | |  | |
| 4 |  | |  | |
|  | 5 |  | |  | |
| SUBVARIATION #1 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 |  | |  | |
|  | 2 |  | |  | |
| SUBVARIATION #2 | **STEP N°** | **CUSTOMER** | | **SYSTEM** | |
|  | 1 |  | |  | |
|  | 2 |  | |  | |
|  | 3 |  | |  | |
|  | 4 |  | |  | |

Glossary:

[NAME] : is the name of the mockup page