University for Applied Sciences Informatics Department Applied Informatics

LionsApp-Documentation

|  |  |
| --- | --- |
| Clients: | Prof. Dr. Stephan Kurpjuweit  Jens Kohler |
| Semester: | Summer Semester 2023 |
| Due Date: | 30. March 2023 |

Inhalt

[Teamvorstellung: 3](#_Toc128132472)

[1. Introduction and Goals 4](#_Toc128132473)

[1.1: Requirements Overview: 4](#_Toc128132474)

[1.2: Stakeholders: 4](#_Toc128132475)

[1.3: Use Cases: 5](#_Toc128132476)

[1.4: User Stories: 5](#_Toc128132477)

[2. App Planning 6](#_Toc128132478)

[3. App Development 6](#_Toc128132479)

[Glossary: 7](#_Toc128132480)

# Teamvorstellung:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Rolle | Email | Matrikelnummer |
| Saadet Ibrahimova | Product Owner | inf3530@hs-worms.de |  |
| Ayoub El-Mrabet | Scrum Master | inf3822@hs-worms.de |  |
| Philipp Muders | Developer | [inf3455@hs-worms.de](mailto:inf3455@hs-worms.de) |  |
| Kristiyan Ivanov | Developer | inf3563@hs-worms.de |  |
| Omer Guimdo-Achoungo | Developer | [inf3249@hs-worms.de](mailto:inf3249@hs-worms.de) |  |
| Marc Wieland | Developer | [inf3457@hs-worms.de](mailto:inf3457@hs-worms.de) |  |
| Mikulas Willaschek | Developer | [inf3825@hs-worms.de](mailto:inf3825@hs-worms.de) |  |
| Nico | Developer | inf3207@hs-worms.de |  |
| Tom Brauns | Developer | [inf3621@hs-worms.de](mailto:inf3621@hs-worms.de) | 676672 |

# 1. Introduction and Goals

## 1.1: Requirements Overview:

#### Functions include but are not limited to:

* Scanning a QR-Code
* The Navigation to a specific Donation-page
* The Login-Function
* The register-function
* The forgot password-function

#### A summarization of the functional requirements would look as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Requirement | Description | Reasoning |
| F-1 |  |  |  |
| F-2 |  |  |  |
| F-3 |  |  |  |
| F-4 |  |  |  |
| F-5 |  |  |  |
| F-6 |  |  |  |
| F-7 |  |  |  |
| F-8 |  |  |  |
| F-9 |  |  |  |
| F-10 |  |  |  |

## 1.2: Stakeholders:

#### As Stakeholders we consider all the people benefitting from the direct implementation and release oft the application

|  |  |  |
| --- | --- | --- |
| Stakeholders | Type of Stakeholder | Reasoning |
| Donators | Primary | As we aim to make the donation process as easy as possible, we always have to think of the donators. |
| Sponsors | Primary | As with all projects, keeping an application running aswell as running actual events that we use the application for requires funding. Those can be companies supporting the events, aswell as organizations using it. |
| Lions | Primary | While the App isn’t directly in development for the Lions-Club, we still have to consider them or main audience group. |
| State | Secondary | Considering that donating involves money transactions, the state has to atleast be considered for legal reasoning |

## 1.3: Use Cases:

#### Considering the in [1.1 defined functional requirements](#_A_summarization_of) the user is left with (but not exclusively) the following use cases:

|  |  |  |
| --- | --- | --- |
| ID | Use Case | Description |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 1.4: User Stories:

#### The core of each app is to focus on the main functionality at first, so that an application, having the core features implemented, can be used already. To best fulfill this approach, we’ll focus on the most important Use-Cases and User-Stories.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | User-Story | Function | Reference |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 2. App Planning

# 3. App Development

# Glossary:

User: Every type of person having access to the Application and making use of the functions.

Guest: Someone who uses the Application but does not log in / register to the page

Friend: A Friend is a person that registered on the Application

Member: A Member is someone who has more rights than a Friend. They have been given the role Member by an Admin and are the organizational Users that can create Events and access the Calendar.

Admin: An Admin is a Member in its core functionality, but has further rights, such as creating new Catalogue Entries ( Considered as Projects in our Application ) aswell as Manage the rights of Users.

Projects: Projects are Categories that summarize an Catastrophy that occurred around the world. In the project, you can read up on the catastrophy, aswell as see the measurements that are being taken to help out.

Events: Events are datebound Activities, that have the purpose of collecting money to donate for one of the Projects.