Requirements / Design and Test Documentation

**(RDT)**

*Version 0.**1*

GESCOPYME

TODO: Description of the project…

Change history:

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Author** | **Date** | **Notes/ Changes** |
| 0.1 | Vadim Budagov | 15.02.2020 | Create RDT |
| 0.2 | Vadim Budagov | 21.02.2020 | System Context Diagram |
| 0.3 | Vadim Budagov | 22.02.2020 | Started with requirements analysis |

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# Organization

The organization during the project will be described here.

## Responsibilities

|  |  |
| --- | --- |
| **Name** | **Responsibility** |
| **Vadim Budagov** | Design, Development, Test, Documentation, Presentation |
|  |  |

## Stakeholder

|  |  |
| --- | --- |
| **Stakeholder** | **Description** |
| **Admin** | Has access to the front and back end. Is able to modify the system and access rights. Overview of the whole system. |
| **Companies** | Have access to the application from the front end. Manages all the data of the company. Can modify the company's data, view its users and its data. Furthermore, is able to register, delete and modify the product data, knowledge and surveys associated with that company. |
| **Employee of a company** | Has access to the application from the frontend. Can view all the data related to the company (company data, users, products, knowledge and surveys) but can't register new or modify existing data. |
| **Client** | Has access to the application from the front end. This is a user which isn't registered in the application. The only action he can take is to fill out surveys. |

## Agreements

//TODO

## Repository-Concept

//TODO ‘Link: https://github.com/ace146/gescopyme’

# Project management

Waterfall chart?

## Prozess

//TODO

## Milestones

//TODO

## Quality assurance

//TODO

# Boundary conditions

## Working Environment

The following software / services are used in the project:

* GitHub (Version Control System)
* Apache NetBeans (IDE)
* XAMPP (Apache-Distribution)
* Joomla (Content-Management-System)

## Programming Languages

The project will be implemented in PHP, (JavaScript)

# Requirements and Use Cases

A list of all requirements of the system.

## Requirements

|  |  |  |
| --- | --- | --- |
| **Nr** | **Type** | **Descriptions** |
| REQ-001 | Back-End: new companies. | Admin creates and manage new companies in system. |
| REQ-002 | Back-End: new knowledge. | Admin creates and manages the knowledge. |
| REQ-003 | Back-End: new products. | Admin creates and manages the new products in system. |
| REQ-004 | Back-End: questions for survey. | Admin creates and manages questions for the general part of the survey. |
| REQ-005 | Front-End: Visualize company data. | Administrator of a company can has his company's data output/ Visualization. |
| REQ-006 | Front-End: Create knowledge. | Administrator of a company creates and manages the knowledge and associate actions to them |
| REQ-007 | Front-End: Create products | Administrator of a company creates, manages products and associate the knowledge to them. |
| REQ-008 | Front-End: Create questions | Administrator creates and manages the questions for the part of the company and product survey. |
| REQ-009 | Front-End: … | … |

## Use Cases

|  |
| --- |
| Use Case Nr: 01 |
| Name |  |
| Author |  |
| Priority |  |
| Requirements |  |
| Trigger |  |
| Stakeholder |  |
| Precondition |  |
| Postcondition |  |
| Result |  |
| Main scenario |  |
| Alternative scenario |  |
| Failure scenario |  |

# Design

## System Context Diagram and Packages

Ein Bild, das Text, Karte enthält.

Automatisch generierte Beschreibung

Ein Bild, das Screenshot enthält.

Automatisch generierte Beschreibung

Ein Bild, das Screenshot enthält.

Automatisch generierte Beschreibung

## List and description of the components

|  |  |
| --- | --- |
| **Component** | **Description** |
| name | … |

## Component /Class Diagramm

## State Machines? May be!

# Attachment

## Glossary

|  |  |
| --- | --- |
| **Term** | **Explanation** |
|  |  |

## Acronym