

# KKK Project\*

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## **Zusammenfassung**

Dies ist eine kurze Zusammenfassung der Inhalte des in deutscher Sprache verfassten Dokuments.

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\*No procrastination

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## 1 Mission & Vision

## 2 Requirement

### 2.1 User Requirements

#### 2.1.1 User Types

Possible properties of every user type: vegan, possiblity to use own mug, reusable mug, can speak and read german, every user can paid by cash, age 16-35.

**Roles** {Content Provider(Admin, ContentManager), User (All user types) }

**Admin**

Preferences: List of registered user and List of content

Behavior: Interact through desktop with webapplication for various task

Constraints:

Demands: Access to all content and user Information possibility to delete User and add content manager.

Tasks: {CRUD of all content and user account}

**Content Manager**

Preferences: Concrete and specific input options.(saved options)

Behavior: Want to upload a bulk of content and previews his inputs. Watch out for changes in the coffee shops.

Constraints: must have Preview

Demands: Input pages for various content.

Tasks: {CRUD content}

**Students**

Preferences: Cheap coffee, place with wlan, near bus station, buy with bitcoin

Behavior: User for orientation mobile devices and get to the locations mainly with bicycle or bus

Constraints: low funds, short on time.

Demands: Student wants to drink coffee and possibly a place to work.

Tasks: {filtering, search, look up, navigation, delete own profile, change own mail, rate shops}

**Coffee fanatics**

Preferences: High quality coffee, parking lot, wlan, preferable possibility to see coffee making process, have a list of favorites

Behavior: User desktop and mobile devices to find misc. information about coffee shops in Kiel. Is content with paying more than average coffee price for high quality coffee.

Always looking for new shops and coffee beverages.

Constraints: No big companies or franchises.

Demands: Fanatics to experience novel coffee specialities in Kiel and buy coffee making utensils.

**Tourists**

Preferences: near by current location, card payment

Behavior: use mobile devices to find coffee shops in Kiel to relax and drink coffee. Is usually near sights.

Constraints: Low mobility, doesn't know localities, short on time, no big companies or franchises.

Demands: Local cafe

## 2.1.2 User Stories

Tabelle 1: User Story: User filtering optionsl

User Story ID:	1		
User Story Name:	Search coffee place through filtering		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Students Coffee fanatic Tourists		
Description:	The User is on the website and use the presented filtering options to look up shops.		
Preconditions:	1. Know what filtering options mean.		
Postconditions:	Is presented list of shops		
Trigger:	Search button		
Flow:	1. Click on avaiable filtering options 2. filtering results are showed 3. browse through list		

Tabelle 2: User case detail

User Story ID:	3		
User Story Name:	User quick search		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Student Tourist		
Description:	User are on a break and are looking for a nearby coffee shop and use quick search function		
Preconditions:	1. Is on our Landing Page 2. User mobile devices		
Postconditions:	Get a list of nearby coffee shops		
Trigger:	Search button		

Tabelle 2 – Continued on next page

Tabelle 2 – *Continued from previous page*

Normal flow:	1. the user clicked on the search button;
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Tabelle 3: User Story Evaluation

User Story ID:	4		
User Story Name:	Evaluate coffee shop		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Student Coffee fanatic		
Description:	Evaluate Coffee shops and write a review		
Preconditions:	1. The user is logged in.		
Postconditions:	Can see his rating about the shop.		
Trigger:	Star symbol		
Normal flow:	1. Click on a specific shop. 2. Click on star symbol.		

Tabelle 4: User Story: Search equipment

User Story ID:	5		
User Story Name:	Search equipment		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Coffee fanatic		
Description:	Is on the equipment subpage and select filtering options.		
Preconditions:	1. Is on the equipment subpage		
Postconditions:	Show shops that fits the selected filtering options.		
Trigger:	Filtering options		

*Tabelle 4 – Continued on next page*

Tabelle 4 – *Continued from previous page*

Flow:	1. Select filtering options
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Tabelle 5: User case detail

User Story ID:	6		
User Story Name:	Edit review		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	All		
Description:	User edit reviews		
Preconditions:	1. The user is logged in 2. He has given reviews		
Postconditions:	Review was edited		
Trigger:	star symbol on the shop page		
Normal flow:	1. User clicked on star symbol.		

Tabelle 6: User Story Manage Content

User Story ID:	7		
User Story Name:	Manage Content		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Content-Manager Admin		
Description:	The Actor can add, edit or remove content {shop, equipment, informations, events} (do <b>CreateReadUpdateDelete</b> operations on content)		
Preconditions:	1. The user is logged in. 2. Is on the input page.		

Tabelle 6 – *Continued on next page*

Tabelle 6 – *Continued from previous page*

Postconditions:	Selected CRUD executed on database
Trigger:	CRUD button
Flow:	<ol style="list-style-type: none"> <li>1. Fill the input forms.</li> <li>2. Click either on save, delete or publish.</li> </ol>

Tabelle 7: User case detail

User Stories ID:	9		
User Stories Name:	Login		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Student Coffee fanatic Tourist Content-Manager Admin		
Description:	The user give in the account information and presses the login button.		
Preconditions:	<ol style="list-style-type: none"> <li>1. user is not logged in</li> <li>2. user is registered</li> <li>3. account data is correct</li> </ol>		
Postconditions:	User is logged in the system and is automaticly redirect to account last page. And has access to the corresponding functinonality.		
Trigger:	The doctor logs in the system and presses the <i>Login</i> button		
Normal flow:	<ol style="list-style-type: none"> <li>1. Give account data</li> <li>2. click on login</li> </ol>		

Tabelle 8: User case detail

User Stories ID:	10		
User Stories Name:	Registration		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Student Tourist Coffee fanatic		
Description:	User register on the website.		
Preconditions:	<ol style="list-style-type: none"> <li>1. Is on the registration page.</li> <li>2. Fill out formular with correct data</li> </ol>		
Postconditions:	Is registered		
Trigger:	Register button		
Flow:	<ol style="list-style-type: none"> <li>1. Fill out input forms</li> <li>2. system checked input</li> <li>3. click on registration button</li> </ol>		

Tabelle 9: User case detail

User Story ID:	11		
User Story Name:	Delete account		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	User Admint		
Description:	User delete account		
Preconditions:	<ol style="list-style-type: none"> <li>1. User has account</li> <li>2. User is logged in</li> </ol>		
Postconditions:	Is automatic logged out and all evaluation are deleted. Furthermore the use is not able to login		
Trigger:	The doctor logs in the system and presses the <i>Login</i> button		

Tabelle 9 – Continued on next page



Tabelle 9 – *Continued from previous page*

Flow:	<ol style="list-style-type: none"> <li>1. the doctor clicks on the <i>Patients</i> icon;</li> <li>2. the doctor clicks on the <i>Add</i> button;</li> <li>3. the doctor prints the consent form by clicking on the dedicated button;</li> <li>4. the doctor fills in the patient's details;</li> <li>5. the doctor collects the signed patient's consent form and ticks the dedicated check box;</li> </ol>
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Tabelle 10: User case detail

User Stories ID:	12		
User Stories Name:	Manage registered user		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	Admin		
Description:	Admin create content-manager and delete everyother account		
Preconditions:	<ol style="list-style-type: none"> <li>1. User has account</li> <li>2. User is logged in</li> </ol>		
Postconditions:	DELETE operation on database on selected user account and his reviews.		
Trigger:	The doctor logs in the system and presses the <i>Login</i> button		
Flow:	<ol style="list-style-type: none"> <li>1. Select user account</li> <li>2. Click delete button</li> <li>3. Pop up</li> <li>4. Select yes</li> </ol>		

Tabelle 11: User Story: Logout

User Story ID:	12		
User Story Name:	Logout		
Created by:	KKK	Date created: 9. Mai 2019	
Actors	All		
Description:	The User is on the website and use the logout button		
Preconditions:	1. User is logged in		
Postconditions:	Is logout		
Trigger:	Logout button		
Flow:	1. user clicked on the logout button.		

### 3 System Requirements

- Application works only on the following browsers Firefox, Chrome, Edge, Safari.
- The client must be connected with the internet during use of application
- The internet connection must have a sufficient speed
- Filtering shops and equipment categories
- Have a user management and adminstrive functions
- Max 300000 concurent user.
- Can completly delete user and his actions.
- < 30 second response time.

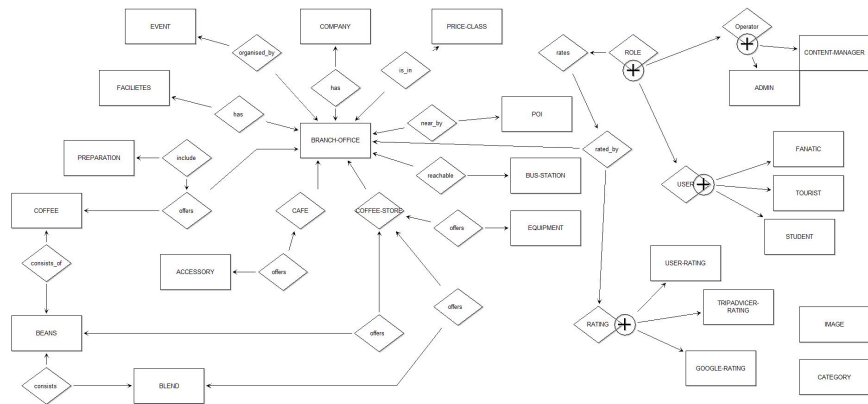
## 4 Mini-Stories

### 4.1 User

### 4.2 Life Case

## 5 SiteLang Specification

## 6 HERM-SCHEMAS



- 7 BPMN of Mini-Stories
- 8 Technology Stack
- 9 Framework
- 10 Front-End
- 11 Back-End
- 12 Obstacles
- 13 Outlook