

# Kieler Kaffee Klub K<sup>3</sup> 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: 16. 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 story detail

User Story ID:	3		
User Story Name:	User quick search		
Created by:	KKK	Date created: 16. 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: 16. 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: 16. 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 story detail

User Story ID:	6		
User Story Name:	Edit review		
Created by:	KKK	Date created: 16. 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: 16. 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 story detail

User Stories ID:	9		
User Stories Name:	Login		
Created by:	KKK	Date created: 16. 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 story detail

User Stories ID:	10		
User Stories Name:	Registration		
Created by:	KKK	Date created: 16. 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 story detail

User Story ID:	11		
User Story Name:	Delete account		
Created by:	KKK	Date created: 16. Mai 2019	
Actors	User Admin		
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 of the user are deleted. Delete action on user database		
Trigger:	Delete button and popup verification		

Tabelle 9 – Continued on next page



Tabelle 9 – *Continued from previous page*

Flow:	1. the doctor clicks on the <i>Patients</i> icon;
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Tabelle 10: User story detail

User Story ID:	12		
User Story Name:	Manage registered user		
Created by:	KKK	Date created: 16. Mai 2019	
Actors	Admin		
Description:	Admin create content-manager and delete everyother account		
Preconditions:	1. User has account 2. User is logged in		
Postconditions:	DELETE operation on database on selected user account and his reviews.		
Trigger:	Button corresponding to the action		
Flow:	1. Select user account 2. Click delete button 3. Pop up 4. Select yes		

Tabelle 11: User Story: Logout

User Story ID:	12		
User Story Name:	Logout		
Created by:	KKK	Date created: 16. Mai 2019	
Actors	All		
Description:	The User is on the website and use the logout button		

*Tabelle 11 – Continued on next page*

Tabelle 11 – *Continued from previous page*

Preconditions:	1. User is logged in
Postconditions:	Is logout
Trigger:	Logout button
Flow:	1. user clicked on the logout button.

### 3 System Requirements

#### Speed

- Navigation < 30 second response time.
- Filtering shops and equipment categories < 1 min response time

#### Product Environment

- The client must be connected with the internet during use of application
- Application works only on the following browsers Firefox, Chrome, Edge, Safari.

#### Privacy Policy

- Delete permanetly on request user account and his reviews.
- Must allowed cookie to locate the user location.
- Password are encrypted.

#### Localizability

- User interface components are in german
- Accept german specific language as input

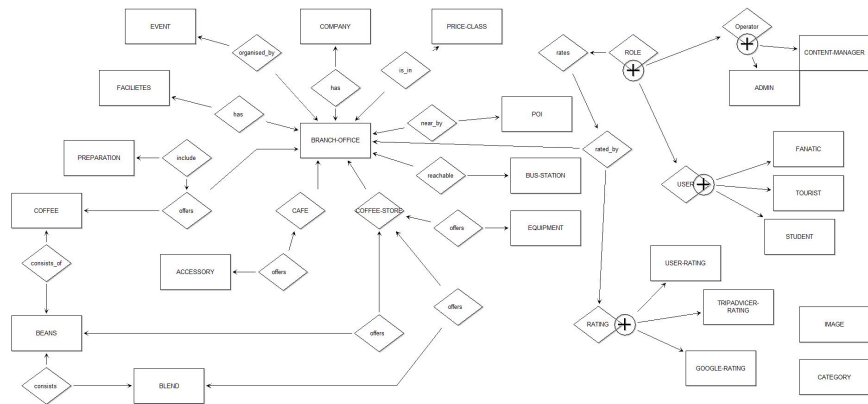
## 4 Mini-Stories

### 4.1 User

### 4.2 Life Case

## 5 SiteLang Specification

## 6 HERM-SCHEMAS



- 7 BPMN of Mini-Stories
- 8 Technology Stack
- 9 Framework
- 10 Obstacles
- 11 Outlook