

Milestone 3 - Team 3 (TheTechnos)

Define exactly what product you are delivering.

'Der Markt' is a platform for buying and selling all kinds of products online. Users can upload ads regarding the product they are willing to sell. The e-commerce sector is booming nowadays and in situations like the COVID-19, the online shopping trend has surged, and people prefer to buy and sell online rather than visiting the market. Although 'Der Markt' is a bit like any other online buying and selling platform where users can post ads and establish a communication between the seller and the buyer, we do offer a few new features to attract our customers making us a bit different from our competitors.

- List of all major committed functions:
 1. **Search Product by Category:** User should be able to search product by its category in the navigation bar
 2. **Search desired Product:** User should be able to search his/her desired product by its title/Filter and View product details by clicking on product image
 3. **Registration:** User should sign up in the system for selling and buying purposes
 4. **User Login:** User should be able to login/sign in to the system successfully by putting correct email address and correct password to his/her account
 5. **Add a Product:** A registered user should be able to add a product in the system for sale
 6. **Admin Sign up:** A registered user should be able to add a product in the system for sale
 7. **Admin Login:** Admin should be able to sign in successfully by providing correct account details, Email address and password
 8. **Approval by Admin:** After adding a product by the seller, the admin will review the product and if the admin approve this product then the product is ready for sale and it is visible to the other users
 9. **Rejection by Admin:** After adding a product by the seller, the admin will review the product and if admin rejects the product then the product should not be published in the system and should not exist in the system.
 10. **User Chatting:** User should be able to send messages to each other and user should be able to discuss about product details in the system by chatting

Ensure software development is on track.

We have ensured and tested most of the software development components. We have checked the working of all pages (linking of those, the on clicks, etcetera), the working of the functions, the pending requests of the AD by the admin, and so on.

The main development, that we were concerned with were the functions, we included in the P1 of M2 document (also mentioned above).

Provide feedback on all major UI screens and functionality:

The major UI screens used for the M3 documentation are:

1. **Landing page** (done .Still some minor changes or dust of the finger are there, we want to add to make it stand out as Frontend Developers.)
2. **Registration page** (done .It is fully functional and also the passwords entered into this have been hashed to ensure security/privacy of the user. The user has to have a Hochschule Fulda email to register with, this will not load any other email adres.)
3. **Login page** (done with it, it is fully functional.)
4. **Forgot Password** (done. If a user forgets the login details, while trying to log in, he/she can click on 'forgot Password' and regenerate the password for that particular account.)
5. **Browse page** (done, the user can browse their desired product, based on the search option/filter option.)
6. **Product details** (done. The user after having found the perfect match to their desired products, can have a deeper look into the details of the product, by clicking on the image of the product and being transferred onto the products details page).
7. **Admin panel** (done. The Admin can Reject and Accept the ADS based on the gut feeling, if the user who posted that AD is worth it. The admin will need to ensure full security to the users of this website)
8. **Pending Overview page** (done. The Admin will have a continuous overview of all the pending ADS posted by the users, so as to give the user whole attention. Apart from 'Accept' and 'Reject', the admin can leave the AD pending, if the admin is unsure as if to accept or reject it and later on make a decision. The AD will stay in the open cards.)
9. **Add Product page** (done. The user can draft a AD for selling their product onto 'Der Markt'. Once they have filled all the desired columns of the form, they can submit the AD for approval of the admin.)

Check the code and software architecture - The code is working properly for all the functionalities that we have described in our M1 document with the list of Priorities apart from comparing products that we will cover in the M4 milestone. The code review is to be done in accordance with the M4 milestone which we will submit when we are submitting M4 milestone.

Identify and address all technical risks - We still have to implement the "Reedem points" functionality for the user in which user can take benefit of the perks of buying and selling products on our website.

Ensure effective teamwork - Team members all use basically 3 platform to communicate with each other, first being Google SaaS platforms for collaborating the documents and forms, teams for Team discussions and to upload the documents for future work and whatsapp group for same(making it the second storage place for the documents and other review works). Team is synced all the time and communication is effective within the team.

Ensure software development is effective - Team members help each other during various tasks organization and front-end lead and back-end lead also communicate their teams work

effectively. Almost one to two meetings are happening within the whole team per week and then meetings take place separately within back-end team members and front-end team members. At the end of the meeting with their respective team members, back-end lead and front-end lead communicate with each other and share their ideas and discussion that has taken place.