

FULDAFLATS.DE

Master project HS Fulda Fall2016

Milestone 3 – Feedback Summary
Group #1
08.12.16

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1	08.12.2016

1. Summary of the feedback

- Coding Style
 - Improve Coding style : consistent variable naming
 - Add header to every file
- Actual Risks
 - Time: offer wizard is priority 2 → new offer will be managed with edit offer page
 - Open Street Map → check data for latitude and longitude
- Use case search function: correct use case → extended search for not signed in user is not visible and not just disabled
- Tasks in progress: offer details show if pets are allowed, multiselect tags, new offer, become landlord, favorites
- Code freeze Sunday 11.12.2016, after that just bugfixing
- Approved tools: added require.js

2. Priority 1 functionality

a. Functional Requirements V2

1. Sign up

A user should be able to sign up.

1. The sign-up process should collect some basic information about the user, like his first name, last name, gender, email address and **birthday**.
2. Additionally, should be set the user account password in the sign-up process.
3. After a user signed up, he should be get an account on fuldaflats.de.
4. The "sign up" functionality should be available in the top bar on every page when the user is not signed in.

2. Sign in

A user should be able to sign in into his account.

1. The "sign in" functionality should be available in the top bar on every page when the user is not signed in.
2. After a user signed in, he should be get more permissions which are described in the non-functional specs under the permission concept.
3. The default sign in should be able with the account related email address and password.

3. New offer

Only a sign in user with a landlord account should be able to create an offer.

1. An offer creation should be done with a wizard, which show a small form on each step.
2. After an offer creation, the landlord get displayed the offer details page.
3. The "new offer" functionality should be available when the user is sign in with a landlord account.
4. The "new offer" functionality should be available on every page in the top bar and on the offer management page.
5. A special detail for an offer should be a tag able attribute. Available tags for this attribute should be provided from fuldaflats.de. The user should not be able to create his own tags.

4. Landlord contact information

A user should be able to get the contact information from a landlord.

1. The contact information from a landlord should be displayed on the offer details page.
2. A required contact information is an email address or a telephone number.
3. An additional contact information is an office address.

6. Offer review

A user should be able to create a review to an offer.

1. A review consists a title, a star rating, a comment and optional an image.
2. The “review creation” functionality should be available on the offer details page.
3. All review ratings which are related to a landlord over an offer, should be aggregated to a landlord rating. A landlord rating should be displayed on the landlord profile page, on the offer details page and on the brief description from an offer.

7. Browse offers

A user should be able to browse a filtered subset from offers.

1. This functionality should be available on the offer search result page and on the start page, where default filtered offers are displayed.

8. Offer details page

A user should be able to see all details from an offer on one page.

1. This page should contain all attachments, all primary details and all other secondary details.
2. Additionally, should this page contain the landlord contact information and all reviews.
3. This page should be open when a user click on the title in the brief description from on offer.

9. Manage offers

A landlord should be able to manage his offers. This contains the ability to change offer details, change the offer status and to delete an offer.

1. This functionality should be available over the landlord profile page in der offer overview page.

10. Sign out

A sign in user should be able to sign out.

1. The “sign out” functionality should be available in the top bar on every page.
2. After a user used the sign out functionality, he should be redirected to the start page.

11. Offers overview map

A user should be able to see the location from an offer on a map.

1. One big map should be displayed on the offers search result page.
2. Another map should be displayed in the offer details page.

12. Search offers

A user should be able to filter all available offers.

1. A search panel should be available on the start page, which contains the important primary attributes from an offer as a search criteria.
2. Additionally, should the signed in user be able to expand the default search panel. The expanded search panel should display all important secondary attributes from an offer as a search criteria.
3. The search functionality should be triggered though a button in the search panel and should be forwarding the user to the offer search result page.

4. The search result page should contain a search panel too.

13. Manage user profile

A user should be able to manage his account and his profile.

1. This contains the ability to update his profile details, to change his password, to change his profile image and to manage his favorite offers.
2. The user profile should be available over the top bar on every page.

15. Add and manage favorite offers

A user should be able to add an offer as a favorite offer and manage his favorite offers.

1. The “manage” functionality contains the ability to delete a favorite and to contact the landlord to the favorite.
2. The “add an offer as favorite” functionality should be available on the offer details page.
3. Favorite offers should be available over the user profile page.

16. Upgrade to a landlord account

A user should be able to upgrade his account to a landlord account.

1. This functionality should be available in the bar on every page.
2. The upgrade process should collect more information about the user, like phone number, zip code, city, street and house number.
3. By using this functionality, the user should be get more permissions which are described in the non-functional specs under permission concept.

b. Non-Functional Requirements V2

General

1. Application shall be served from the team's account.
2. Pay functionality (how to pay for goods and services) shall be simulated with proper UI, no backend.

User Interface

3. Application shall be very easy to use and intuitive. No prior training shall be required to use the website.
4. Application shall be optimized for standard desktop/laptop browser, and shall render correctly on the two latest versions of all major browsers: Mozilla, Safari, Chrome. It shall degrade nicely for different sized windows using class approved programming technology and frameworks so it can be adequately rendered on mobile devices.
5. The language used shall be English.

Infrastructure

6. Data shall be stored in the MySQL database on the class server in the team's account.
7. The web service application shall be run in a node.js web server like express.
8. Based on the service side application (RESTful service) shall it be possible to build other clients like an android app or a universal windows app.

Deployment and Upgrade

9. An application deployment or an application upgrade shall not take longer than two hours.

10. An application deployment and an application upgrade shall be easy as possible for the administrator. For error-prone or time-consuming configurations shall be provided a configuration script and guidance.

Performance

11. No more than 50 concurrent users shall be accessing the application at any time.

Development Tooling

12. Application shall be developed using class provided LAM stack.
13. Application shall be developed using pre-approved set of SW development and collaborative tools provided in the class. Any other tools or frameworks shall be explicitly approved by Prof. Todtenhöfer on a case by case basis.
14. Modern SE processes and practices shall be used as specified in the class, including collaborative and continuous SW development, and only the tools and practices approved by instructors.

File Upload

15. To prevent the server from a user's spam, an image size is limit of 5MB per file and a video size limit of 30MB.
16. A single offer is only allowed to contain up to 7 images and 1 videos.
17. A review for an offer shall contain only a single image.

Security

18. Privacy of users shall be protected and all privacy policies will be appropriately communicated to the users.
19. User account passwords shall be saved in the database as hash values.
20. Messaging between users shall be done only by class approved methods to avoid issues of security with e-mail services.
21. Site security: basic best practices shall be applied (as covered in the class).
22. The communication between the client application (browser) and the server application shall be run over HTTPS.
23. A user account shall be blocked after ten following failed sign in tries.

Permission Concept

24. An unregistered user shall be having the permission to ...
 - a. sing up
 - b. search based on base search criterias and browse for offers
 - c. see primary details to an offer
25. A registered and signed in user has the same permission as an unregistered user. Additional to this permission he shall be having the permission to ...
 - d. sign in
 - e. search based on expanded search criterias
 - f. see the secondary details to an offer
 - g. create a review to an offer
 - h. retrieve the contact information from landlord to an offer
 - i. create and manage his favorite offers
 - j. manage his profile and account
 - k. upgrade his account to a landlord account
26. A signed in landlord has the same permission as a registered and signed in user. Additional to this permission he shall be having the permission to ...

- l. create an offer
- m. manage his offers