

Sprint 1

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1. What's new

1.1. PHP-Files/Components

1.1.1. Log-in page

- Try out or just sign up:
 - username: stevanvlajic5@gmail.com
 - password: Stevan2006
- Fully functional:
 - Login possible
 - Check if user exists
 - Saves log-in session storage
- Throws errors (Pop-ups)

1.1.2. Sign-up page

- Fully functional:
 - Sign up working
 - Checks if user exists
 - Saves log-in session
 - Gd-Image saving works
 - Profile picture

- Throws errors (Pop-ups)

1.1.3. Guest-in(guest login) page

- Fully functional:
 - Guest login possible for testing the software
 - Generates Guest-ID randomly

1.1.4. Logged in View

- Structured in components:
 - content: `/app/components/contnet.php`
 - nav-top bar: `app/components/nav-top.php`
 - side-bar: `app/components/sidebar.php`
 - fully functional -> data-base-request for user
 - switch-case will be replaced by routing-library
 - path: `app/libs/simplePHPRouter/...`

1.2. Functionality

1.2.1. Database

- Fully working database-connection:
 - class can be found in: `/app/classes/repositories/Database.class.php`
- Database is hosted on an oracle-cloud machine, so database export is not needed.
 - Oracle machine access can be found in:
 - `/app/sql/*`
 - For connection putty can be used
- Problems with connection → turn on VPN → reload

1.2.2. GD-Library

- GD-Library is used for saving pictures and converting them
 - How to enable the gd-library in xamp
 - tutorial can be found in: `/app/setup/libraries.txt` or:
 - XAMP → Apache → Config → PHP.ini
 - → search for: `extension=fileinfo`
 - → paste: `extension=gd` below

1.2.3. Class-Repositories

- Used for accessing the different entities
- Current repositories:
 - User-repository:
 - fully functional

1.2.4. Docker

- Project will be dockerized for self-hosting purposes
- Not fully dockerized

2. Used Libraries/extern tools

2.1. PHP-GD-LIBRARY

- Local php library
- Used for:
 - image-saving
 - image-manipulation
 - compression
 - resizing
 - ...

2.2. PHP-SIMPLE-ROUTING

- <https://github.com/steampixel/simplePHPRouter.git>
- Used for routing
 - Long switch-case statements are not necessary

2.3. POP-UP-ENGINE

- <https://github.com/elYanuki/PopupEngine.git>
- Used for generating:
 - POP-ups
 - Modals
 - ...

3. Problem solving

3.1. Database-access denied

- Use VPN

3.2. Something is not working while uploading image on sign up

- Follow the tutorial in [/app/setup/libraries.txt](#)
- Or follow the local-tutorial in this file under: [1.2.2. GD-Library](#)