Test protocol

Before releasing this app, some tests need to be done and when not all of them are successful the app won’t be released.

Before every release this protocol must be filled out and signed by the person did this test. Some tests are automated but should also be checked manually before release.

# Registration

Is the user able to register a new account and is not able to send invalid data to the server? The registration process is very exposed then everyone can access this page without any authentication.

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| --- | --- | --- |
| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can access accounts/register and can fill a form. | | Yes  No |
| The user can’t provide invalid data and will get a warning. | | Yes  No |
| The data the user provided is saved secure in the database. | | Yes  No |
| The user will be redirected to the login page after submitting the form successful. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# Login

Is the user able to login into his account and the user is singed in and will be authenticated until he loges out? The user also can’t access certain pages without logging in first.

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| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can access accounts/login and can fill a form. | | Yes  No |
| The user can’t provide invalid data and will get a warning. | | Yes  No |
| The data the user will be checked and returns if the sent credentials are correct. | | Yes  No |
| The user will be redirected to the feed page after submitting the form successful. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# Session and CSFR Token

Is the user able to login into his account and the user is singed in and will be authenticated until he loges out? The user also can’t access certain pages without logging in first.

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| --- | --- | --- |
| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| If the user is logged in a session will be created. | | Yes  No |
| The session is only open a certain amount of time. | | Yes  No |
| If the user submits a form always a CSFR token needs to be sent too. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# Logout

Is the user able to login into his account and the user is singed in and will be authenticated until he loges out? The user also can’t access certain pages without logging in first.

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| --- | --- | --- |
| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can access accounts/logout. | | Yes  No |
| The session will not be active anymore. | | Yes  No |
| The user can’t access pages he should without login. | | Yes  No |
| If the users access a secured page, he will be redirected to the login. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# Feed

When the user accesses the start page, he will see recent posts from all profiles he is following and his own posts. Also, he will get recently joined users on the right side.

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| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can access /l | | Yes  No |
| All posts will be rendered correct. | | Yes  No |
| All user recommendations will be rendered correct. | | Yes  No |
| The user can navigate throw the navigation. | | Yes  No |
| The user can like posts. | | Yes  No |
| The user can comment posts. | | Yes  No |
| All profile URL’s are correct. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# New Post

If the user is logged in and accesses the /new page he can create new posts which other user can interact with.

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| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can access /new | | Yes  No |
| The image preview will be rendered after the user selected a image to upload. | | Yes  No |
| The user can write a caption. | | Yes  No |
| If the user provides invalid data, the post won’t be created. | | Yes  No |
| The image will be uploaded and named randomly. | | Yes  No |
| The provide data will be saved to the database. | | Yes  No |
| The user can select one of the provided locations. | | Yes  No |
| Error Messages will be displayed. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |

# Profile

If the user accesses his own profile, he can also edit it. If the user accesses other profiles he can only follow him, unfollow him or see his posts.

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| **Version: 1.0** | | |
| Time: 26.06.2019 | Tested by: michi.beutler |  |
| OS: Win10 (64-Bit) | Python: 3.71 |  |
| The user can account/<username:str> | | Yes  No |
| If the requested profile is the same as the current logged in user show settings. | | Yes  No |
| The user can edit his profile. | | Yes  No |
| The user can’t provide invalid data. | | Yes  No |
| If the user isn’t allowed to see certain profiles, he won’t see the posts. | | Yes  No |
| The provide data will be saved to the database. | | Yes  No |
| All posts will be rendered correct. | | Yes  No |
| Error Messages will be displayed. | | Yes  No |
| All tests are positive. | | Yes  No |
|  | |  |
| **Errors / Notes**: none | | |